

Study of extremely low frequency magnetic fields-responding mechanism in neuron

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神経系における低周波交流磁界刺激感受メカニズムの解明

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本研究課題では低周波交流磁界が生体にどのような影響を及ぼすか、特に神経系の遺伝子発現に着目し、様々な磁界応答遺伝子候補をスクリーニングすることから磁界曝露と神経系における影響のメカニズムを探ることを目的とした。その結果、神経系で機能するカルシウム関連遺伝子が多数同定され、それら遺伝子発現は磁界曝露により減少することが明らかとなった。

研 究 組 織

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総計	3,500,000	0	3,500,000

研 究 発 表

(1) 学会誌等 (Shigeo Okoyama, Masao Ohbayashi, Makoto Ito, Shinichi Harada, Neuronal organization of the rat inferior colliculus participating in four major auditory pathways., Hearing Research, 218, 72-80, 2006)

(2) 口頭発表 1) (坂元 悠、山田外史、原田真市: 極低周波交流磁界曝露による線虫 *C. elegans* の遺伝子プロファイリング、第28回日本分子生物学会年会、2005年12月7日)
2) (坂元 悠、山田外史、柿川真紀子、原田真市: 低周波交流磁界刺激応答遺伝子の発現定量解析、第18回電気関係学会北陸支部連合大会、2006年9月16日)

金沢大学附属図書館



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EXTREMELY LOW FREQUENCY MAGNETIC FIELDS AFFECT TRANSCRIPT LEVELS OF NEURONAL GENES IN *CAENORHABDITIS ELEGANS*

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OBJECTIVES

Many public concerns have been raised over the possible and health effects of exposure to extremely low frequency magnetic fields (ELFMs). Some epidemiological studies have indicated positive correlations between magnetic fields and various types of cancer or other disease, including neurological disorders, but assessments remain contradictory. Recent data with ELFMs showed the alteration of Ca^{2+} homeostasis and related signalling processes. The identification of potential hazardous effects of ELFMs on neuronal cells is of special importance. In previous work, to investigate the biological effects of ELFMs in nervous system, we performed the screening of magnetic fields responding genes by differential display method in nematode *Caenorhabditis elegans* (*C. elegans*), and identified *ncs-2* gene, one of the neuronal calcium sensor (NCS) genes. Moreover, we demonstrated quantitative RT-PCR analysis to confirm reproducibility of the mRNA expression levels of *ncs-2* gene and related genes.

MATERIALS AND METHODS

ELFMs generator

The high magnetic field generator is composed of two E-type cores with their poles placed face to face. By supplying a 60 Hz, 190 A current, an AC magnetic fields with a peak flux density of 0.5 T can be produced. This machine was cooled by a high performance water circular system, and a quartz thermometer was used to monitor temperatures under the experiment. Wild type *C. elegans* were exposed into a plastic dish to the high magnetic field generator at 20 °C for 120 min x 0.5 T (exposed). As a control, worms were also incubated without exposure to ELFMs at 20 °C for 120 min (control).

Detection of mRNA levels by quantitative RT-PCR

To determine the transcript levels of isolated genes, mRNA was quantified with a SYBR Green assay kit by one-step reaction according to the manufacturer's protocol. Reaction parameters were a cycle at 48°C for 30 min, 95 °C for 10 min, and followed by 40 cycles of at 95 °C for 30 sec, 60 °C for 60 sec. A sham exposed control is standardized as 100 arbitrary units and compared to exposed case.

RESULTS

Quantitative analysis of neuronal genes by RT-PCR

To study the quantification of mRNAs which were screened by differential display, the expression level of *ncs* gene's product between control and exposed case was compared by quantitative RT-PCR. The *ncs-2* identified by differential display has reported primarily expressed in the neuronal cells, and also *ncs* gene exist three homologues, *ncs-1*, *ncs-2* and *ncs-3*, in *C. elegans*. As a result of quantitative RT-PCR, no significant changes of each *ncs* mRNA was

detected under sham exposed control. When exposed ELFMFs, three *ncs* genes were significantly down-regulated. (Fig. 1)

It is known that *tax* gene mutants have shown the abnormal thermotaxis in *C. elegans*. As *ncs-1* mutant shows same phenotype with *tax* mutants, ELFMFs effect in the mRNA level of *tax-2* and *tax-4* was examined by RT-PCR. As a result of it, it was confirmed that *tax-2* and *tax-4* were also significantly down-regulated by ELFMFs exposure (Fig. 2). Since *tax-2* and *tax-4* genes would be expressed in AFD sensory neuron, as a thermosensory neuron, the expression of *hsp-16.2*, one of the heat shock proteins, was analysed by RT-PCR whether the effect of expression was occurred by eddy currents. No significant changes were observed between control and exposed case. We considered that there is no heating effect in *C. elegans* cells by the eddy current.

CONCLUSION

We found that *ncs-1*, *ncs-2* and *ncs-3* mRNAs were significantly down-regulated under ELFMFs. Both *tax-2* and *tax-4* gene products have coded cyclic nucleotide gated channel subunits, and considered to regulate the influx of the Ca^{2+} ion. Then expression of *tax-2* and *tax-4* mRNA was examined by RT-PCR, and it was detected that *tax-2* and *tax-4* mRNAs were significantly decreased by ELFMFs exposure. Further, we detected the *unc-18*, *Syntaxin* and *unc-13* genes associated with synaptic transmission were significantly decrease their mRNA levels under ELFMFs exposure (data not shown). Based on results obtained from RT-PCR, it may be concluded that some Ca^{2+} signaling and neurotransmission related genes on neuron will be affected the expression levels by ELFMFs in *C. elegans*.

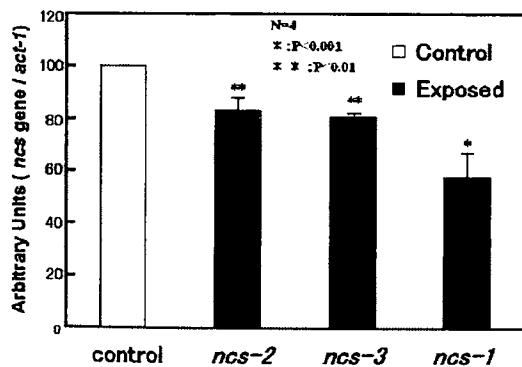


Fig.1

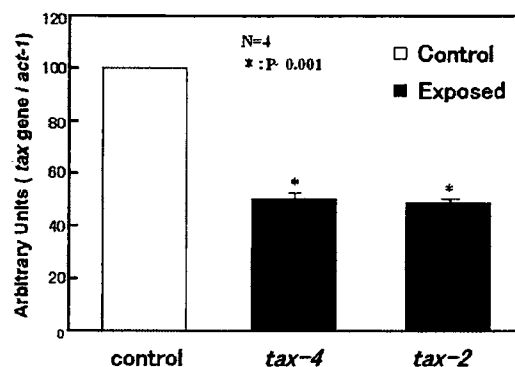


Fig.2

《 マイクロアレイ 》

今回、サンプルのハイブリダイゼーションに使用した NimbleGen 社のマイクロアレイのスペックは以下のとおりである。

■ □ ■

1. 生物種: Caenorhabditis elegans (Whole Genome)
2. データソース: WORMBASE (WS137)
3. アレイ設計概要:
 - 1) 搭載遺伝子数 - 25,453 遺伝子/マイクロアレイ
 - 2) 遺伝子あたりのプローブ数 - 15 プローブ/遺伝子
(搭載遺伝子の中には上記以下のプローブ数も存在する)
 - 3) プローブ長 - 60mer/プローブ

□ ■ □

本マイクロアレイから得られた蛍光強度を元に、RMA (Robust Multi-chip Analysis) アルゴリズムによるデータ補正を行ったデータを用いて解析を行った。

Robust multichip average described in Biostatistics 2003 Apr;4(2):249-64

Bolstad B, Irizarry R, Astrand M, Speed T (2003) A comparison of normalization methods for high density oligonucleotide array data based on bias and variance. Bioinformatics 19 (2), p185-193

《 解析結果 》

今回のマイクロアレイ解析で得られた発現データから、磁界曝露 (Expose) と非磁界曝露 (Control) でのサンプル間の比較解析を行った。

【 control vs Expose 】

サンプル「control」および「Expose」の 2 データ間の比較を行った結果、相関係数は

・ $R = 0.9816219886307$

次に、遺伝子レベルの発現強度から、2 サンプル間でそれぞれ 1.5 倍以上、2.0 倍以上、4.0 倍以上、8 倍以上の変化を示す遺伝子を抽出した結果以下の通りとなりました。また、図 1-2 は下記にて抽出された遺伝子を図 1-1 に重ね合わせた図である。

・変化なし	: 261 遺伝子
・1.5 倍未満	: 22,635 (「control」増: 11,677、 「Expose」増: 10,958) 遺伝子
・1.5 倍以上 / 2.0 倍未満	: 2,145 (「control」増: 1,490、 「Expose」増: 655) 遺伝子
・2.0 倍以上 / 4.0 倍未満	: 402 (「control」増: 265、 「Expose」増: 137) 遺伝子
・4.0 倍以上 / 8.0 倍未満	: 8 (「control」増: 1、 「Expose」増: 7) 遺伝子
・8.0 倍以上	: 2 (「control」増: 1、 「Expose」増: 1) 遺伝子

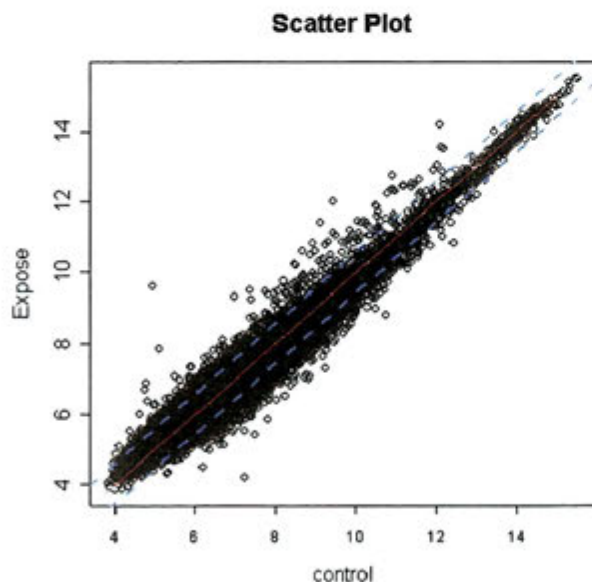


図 1-1 : 遺伝子レベルでのスキャタープロット図

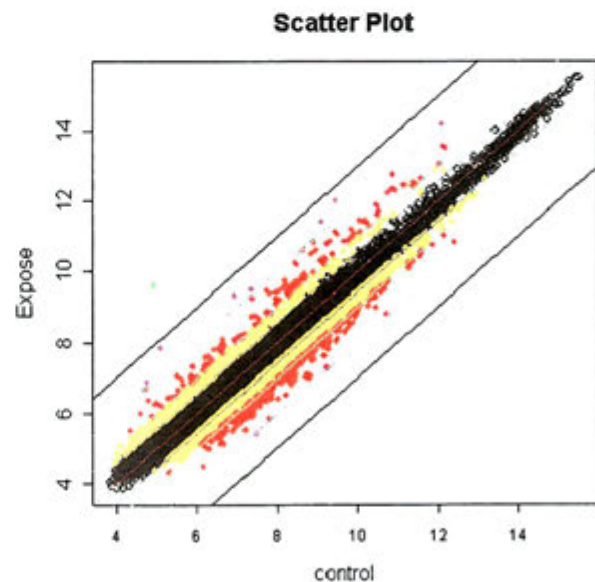


図 1-2 : FoldChange により抽出された遺伝子のスキャタープロット図。
赤実線 : $y=x$
他の実線は赤実線から外側に向かって、1.5 倍、2.0 倍、4.0 倍、8.0 倍を示す。

また、今回使用した *Caenorhabditis elegans* マイクロアレイは、1 遺伝子あたり、15 本の Perfect Match(PM)プローブを利用していることから^{※1}、2 サンプル間のプローブのデータから t 検定を行った結果、2 サンプル間で有意($\alpha=0.05$)に発現に差があると見られる遺伝子は 3,437 遺伝子となった。しかひながら、この結果は遺伝子間の検定の多重性を考慮していない。

図 1-3 は図 1-1 に検定によって抽出された 3,437 遺伝子をプロットした図である。また、図 1-4 は 3,437 遺伝子のみをプロットした図である。

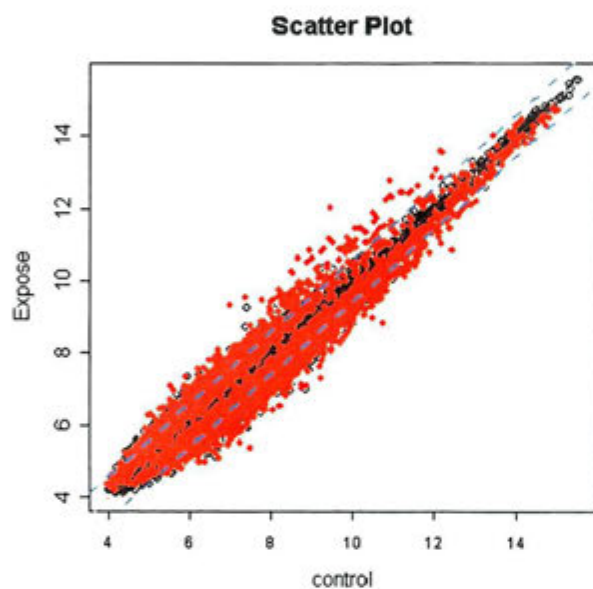


図 1-3 : 検定により抽出された遺伝子のスクエタープロット図。
赤 : 検定により 5.0%で有意に差があると認められた遺伝子
黒 : 検定により 5.0%で有意に差が認められなかった遺伝子

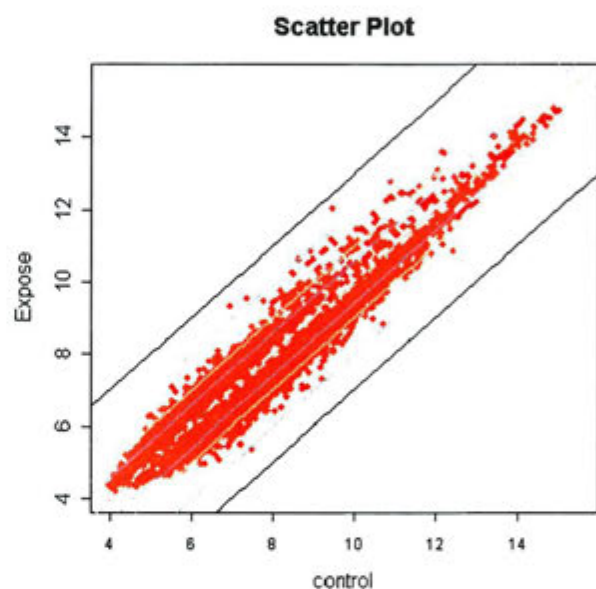


図 1-4 : 図 1-3 から有意に差が認められた遺伝子のみを描画

検定により、抽出された 3,437 遺伝子の倍率変化の内訳は、

- ・変化なし(261 遺伝子中) : 0 遺伝子
- ・1.5 倍未満(22,635 遺伝子中) : 2,002 (「control」増:1,154、「Expose」増:848)遺伝子
- ・1.5 倍以上 2.0 倍未満(2,145 遺伝子中) : 1,122 (「control」増:790、「Expose」増:332)遺伝子
- ・2.0 倍以上 4.0 倍未満(402 遺伝子中) : 309 (「control」増:192、「Expose」増:117)遺伝子
- ・4.0 倍以上 8.0 倍未満(8 遺伝子中) : 4 (「control」増:1、「Expose」増:3)遺伝子
- ・8.0 倍以上(2 遺伝子中) : 0 遺伝子

となった。

表1. 検定により抽出された遺伝子
1.5倍未満(Exposure)

SEQ_ID	control	Exposure	FoldChange	pvalue	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00000035	8.914922	9.378736	1.377272	0.02779563	F21C3.5	CE05680	WBGene00009004	Mouse KE2 protein like status:Confirmed SW:P52554 protein_id:CAA95804.1
CELE0002S00000043	8.05319	8.82445	1.485688	0.008957126	D2030.6	CE09083	WBGene00008416	status:Partially_confirmed TR:P90786 protein_id:CAA98113.1
CELE0002S00000044	8.159343	8.834202	1.389782	0.04983215	D2030.8	CE28545	WBGene00008418	status:Partially_confirmed TR:P90793 protein_id:CAA98120.2
CELE0002S00000053	6.821873	7.068854	1.363185	0.03045577	B0511.2	CE17341	WBGene00015228	status:Predicted TR:C81824 protein_id:AAC17651.1
CELE0002S00000068	5.889954	6.20728	1.246002	0.03187058	M04C7.4	CE34944	WBGene00010855	status:Predicted TR:Q7YWX8 protein_id:CAE17878.1
CELE0002S00000093	12.645605	12.871365	1.018016	0.03629438	Y105E8B.1a.2	CE31733	WBGene00002978	lev-11 TR:Q27249
CELE0002S00000094	12.909049	13.155732	1.186476	0.01428091	Y105E8B.1a.3	CE31733	WBGene00002978	lev-11 TR:Q27249
CELE0002S00000099	9.45457	9.853128	1.147551	0.00383483	Y65B4B.5	CE24550	WBGene00022037	status:Confirmed TR:Q9N302 protein_id:AAF60848.1
CELE0002S00000186	7.970805	8.284877	1.243212	0.02176614	C03D6.4	CE05198	WBGene00003800	locus:npp-14 nucleoporin status:Partially_confirmed TR:Q17802 protein_id:CAA99783.1
CELE0002S00000188	4.802859	5.081307	1.393244	0.01473993	C03D6.6	CE15580	WBGene00007278	status:Partially_confirmed TR:Q17804 protein_id:CAA99781.1
CELE0002S00000199	5.90037	6.287091	1.289419	0.04401962	ZC328.4	CE34445	WBGene00004721	locus:san-1 status:Confirmed TR:O02053 protein_id:AAK39378.2
CELE0002S00000200	4.849107	5.181412	1.259023	0.04662914	ZC328.5	CE15189	WBGene00022594	status:Partially_confirmed TR:O02052 protein_id:AAK39379.1
CELE0002S00000219	7.827221	8.040458	1.159286	0.03618137	F14B4.2b.1			
CELE0002S00000221	7.965578	8.372414	1.325775	0.03394447	F14B4.2b.2			
CELE0002S00000238	8.435151	8.873484	1.179612	0.024095	K07A1.12	CE18234	WBGene00003036	locus:lin-53 chromatin assembly factor 1 P55 subunit like status:Confirmed
CELE0002S00000310	7.141901	7.688145	1.460279	0.02481546	F02E9.2a	CE24879	WBGene00003014	locus:lin-28 cold shock domain status:Confirmed TR:P92186 protein_id:CAB81008.1
CELE0002S00000327	8.72532	9.073578	1.273023	0.007624961	G10G11.7.4	CE08086	WBGene00015687	G10G11.7 TR:P91027
CELE0002S00000387	4.488615	4.588022	1.086288	0.03816525	F56D12.3	CE05956	WBGene00010112	Zinc finger, C4 type (two domains) status:Predicted TR:Q20831 protein_id:CAA99880.1
CELE0002S00000403	8.048254	8.3807	1.260893	0.01822282	F31C3.5	CE17734	WBGene00009287	status:Partially_confirmed SW:O62193 protein_id:CAB07195.1
CELE0002S00000442	7.480804	7.807585	1.271702	0.0238525	C43E11.1.1	CE23592	WBGene00016801	C43E11.1 TR
CELE0002S00000467	4.924891	5.189386	1.201216	0.02478068	DY3.4a	CE15748	WBGene00008618	locus:trt-1 Reverse transcriptase (RNA-dependent DNA polymerase) status:Partially_confirmed TR:O45321 protein_id:CAB09413.1
CELE0002S00000473	6.536621	6.899923	1.286367	0.04036962	F26E4.11	CE09695	WBGene00009164	Zinc finger, C3HC4 type (RING finger) status:Confirmed SW:P90859 protein_id:CAB03049.1
CELE0002S00000477	5.357217	5.840443	1.397886	0.03941131	K07A12.4	CE25933	WBGene00010822	elongation factor 1-alpha status:Partially_confirmed TR:P90922 protein_id:CAB03180.2
CELE0002S00000520	6.081943	6.405158	1.251116	0.01089903	F21F3.7	CE36379	WBGene00017876	status:Predicted TR:Q7JNC1 protein_id:AAS19858.1
CELE0002S00000528	5.444177	5.948493	1.418451	0.03929556	C08D1.2	CE34253	WBGene00015831	status:Partially_confirmed TR:O01782 protein_id:AAB54131.2
CELE0002S00000560	4.969888	5.463122	1.407499	0.01059546	W09G3.5	CE16571	WBGene00012368	status:Partially_confirmed TR:O18189 protein_id:CAB04952.1
CELE0002S00000589	6.510263	6.935648	1.342932	0.01099508	Y39G10A.9	CE28982	WBGene00021467	status:Confirmed TR:Q95XR3 protein_id:AAK95889.1
CELE0002S00000690	4.548888	5.08074	1.425879	0.005838453	Y47D9A.5.1	CE24354	WBGene00021632	Y47D9A.5 TR:Q9N4V5
CELE0002S00000782	6.53977	6.916658	1.296536	0.003887725	F44F1.6b	CE23729	WBGene00009698	status:Partially_confirmed TR:Q9U3E9 protein_id:CAB54249.1
CELE0002S00000796	9.272658	9.278478	1.004042	0.02060084	T12F5.5a.1			
CELE0002S00000808	9.422168	9.561318	1.101256	0.04988724	D2005.3	CE32341	WBGene00008398	status:Confirmed SW:Q93408 protein_id:CAB02078.2
CELE0002S00000810	5.959026	6.48536	1.440266	0.01978963	D2005.5	CE38120	WBGene00008400	RNA helicase like status:Partially_confirmed TR:Q93413 protein_id:CAB02082.3
CELE0002S00000823	5.285268	5.617809	1.259231	0.02705097	F13G3.6	CE05618	WBGene00008766	B.subtilis teichoic acid biosynthesis protein GGAB like status:Predicted TR:Q19421 protein_id:CAA95792.1
CELE0002S00000831	4.994524	5.287472	1.225141	0.04947254	K11D2.1	CE12118	WBGene00010768	Human P819 protein like status:Predicted TR:O82303 protein_id:CAB05555.1
CELE0002S00000841	4.234207	4.716382	1.396848	0.01331772	C10H11.5	CE08094	WBGene00015694	status:Partially_confirmed TR:P91037 protein_id:AAB42345.1
CELE0002S00000868	6.911967	7.472759	1.475079	0.004748011	T01G9.5b	CE32479	WBGene00003183	locus:mei-1 status:Partially_confirmed TR:Q84G6 protein_id:CAD5658.1
CELE0002S00000887	6.310912	6.737926	1.344448	0.04568185	Y105E8B.2	CE34105	WBGene00013687	Y105E8B.2 TR:Q7YTV2
CELE0002S00000927	5.213225	5.78554	1.486908	0.02899256	B0025.2	CE27582	WBGene00000814	locus:can-2 status:Confirmed SW:O01422 protein_id:AAB52368.2
CELE0002S00000991	7.018628	7.487548	1.384073	0.01141947	C53H9.2c.2	CE33575	WBGene00016907	C53H9.2 TR:Q86GU9
CELE0002S00001084	6.99172	7.536413	1.45871	0.0236929	F53B6.9	CE30539	WBGene00009964	status:Partially_confirmed TR:Q873D9 protein_id:CAD30440.1
CELE0002S00001163	5.304307	5.687943	1.217259	0.02110591	T07D10.5	CE13383	WBGene00011585	C-type lectin status:Predicted TR:O02302 protein_id:CAB04714.1
CELE0002S00001214	9.1172	9.389255	1.207527	0.01739566	B0205.8	CE17322	WBGene00015022	status:Confirmed TR:O81743 protein_id:AAC16994.1
CELE0002S00001250	7.982837	8.456449	1.388582	0.04369051	E01A2.2a.2			
CELE0002S00001251	8.080227	8.323812	1.183931	0.04165023	E01A2.2a.3			
CELE0002S00001267	7.770905	8.221803	1.368891	0.04795174	F52A8.8a	CE20840	WBGene00009919	ras-like protein like status:Partially_confirmed TR:Q19143 protein_id:CAA95828.1
CELE0002S00001289	7.531041	8.103264	1.486813	0.04627413	F52A8.8b	CE28938	WBGene00009919	status:Confirmed TR:Q95CF4 protein_id:CAC70147.1
CELE0002S00001293	8.15192	8.570082	1.336224	0.004037573	T03F1.9	CE13112	WBGene00001832	locus:hcp-4 status:Confirmed TR:P91426 protein_id:AAB42237.1
CELE0002S00001307	6.271009	6.413547	1.103845	0.0351754	Y54E5B.2	CE19226	WBGene00013204	status:Partially_confirmed TR:Q9XWF9 protein_id:CAA21713.1
CELE0002S00001340	12.669242	12.938822	1.205457	0.005327755	Y65B4B.5b	CE33239	WBGene00022042	status:Confirmed TR:Q86S66 protein_id:AAO21415.1
CELE0002S00001356	5.923339	6.175135	1.190688	0.03527299	D2030.12	CE34784	WBGene00008421	status:Predicted TR:Q7YTV2 protein_id:CAE17787.1
CELE0002S00001368	5.338055	5.703705	1.288462	0.02235466	Y110A7A.15a	CE30705	WBGene00022462	status:Confirmed TR:Q9N596 protein_id:AAF60429.3
CELE0002S00001378	6.627765	7.139008	1.425278	0.04419479	C06A5.2	CE07949	WBGene00015500	status:Partially_confirmed TR:O01480 protein_id:AAB52436.1
CELE0002S00001437	7.156642	7.334334	1.131073	0.02286653	C15C8.2b	CE18503	WBGene00007801	status:Confirmed TR:Q9XVT3 protein_id:CAB02728.1
CELE0002S00001487	8.672697	9.062226	1.309987	0.00785499	T23D8.6	CE04501	WBGene00001942	locus:his-68 histone H2A status:Confirmed SW:P09588 protein_id:CAB03399.1
CELE0002S00001503	4.959016	5.207615	1.188053	0.02003933	T09E11.3	CE13501	WBGene00011652	status:Predicted TR:Q9XVF9 protein_id:CAB03530.1
CELE0002S00001553	6.505811	6.912977	1.326262	0.04927865	Y105E8B.4	CE24096	WBGene00013689	status:Partially_confirmed TR:Q9NF14 protein_id:CAB80850.1
CELE0002S00001572	4.549184	4.797452	1.187797	0.02943657	Y18H1A.8	CE30211	WBGene00021212	status:Partially_confirmed TR:Q9BL87 protein_id:AAK21511.2
CELE0002S00001577	5.81478	6.087658	1.191582	0.02128443	Y10G6E.2	CE20408	WBGene00013706	status:Partially_confirmed TR:Q8WPJ8 protein_id:CAA21729.1

SEQ_ID	control	Expos	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00001578	7.314579	7.797276	1.397353	0.000368392	Y106G6.E.3	CE20407	WBGene00013707	status:Predicted TR:Q9XWE4 protein_id:CAA21730.1
CELE0002S00001580	5.40984	5.894415	1.399368	0.02494805	Y106G6.E.5	CE27228	WBGene00000426	locus:ced-12 status:Confirmed TR:Q8STE5 protein_id:CAD12890.1
CELE0002S00001589	6.738561	7.161687	1.34269	0.01603656	F39B2.5	CE34485	WBGene00009556	Src homology domain 2 status:Confirmed TR:Q45496 protein_id:CAB07388.2
CELE0002S00001622	7.088566	7.322828	1.178305	0.01290338	C08A5.8b	CE33360	WBGene00015505	status:Confirmed TR:Q86ND0 protein_id:AAO38676.1
CELE0002S00001625	5.478103	5.929453	1.397319	0.007861753	Y51F10.5	CE32533	WBGene00021768	status:Confirmed TR:Q8WTK2 protein_id:AAL35732.2
CELE0002S00001659	8.656088	8.934225	1.212645	0.04619375	F57B10.12	CE11320	WBGene00003184	locus:mei-2 status:Confirmed TR:Q44740 protein_id:AAB96729.1
CELE0002S00001694	6.124316	6.708526	1.497141	0.01480688	Y48G1BM.8	CE26116	WBGene00021671	status:Predicted TR:Q965V0 protein_id:AAK68498.1
CELE0002S00001696	10.534618	10.884046	1.274055	0.03235756	Y48G1BM.7	CE26115	WBGene00021672	status:Predicted TR:Q965U9 protein_id:AAK68499.1
CELE0002S00001748	4.957413	5.19327	1.177608	0.02782248	F30A10.12	CE34834	WBGene00009269	status:Predicted TR:Q7YTP2 protein_id:CAE17783.1
CELE0002S00001768	6.081361	6.575103	1.408092	0.02884484	F57C9.5	CE11330	WBGene00002034	locus:htp-3 status:Partially_confirmed TR:O01820 protein_id:AAB54188.1
CELE0002S00001821	7.78782	8.070824	1.216726	0.03306313	Y52B11A.8	CE20296	WBGene00013127	status:Confirmed TR:Q9U256 protein_id:CAB63390.1
CELE0002S00001874	12.838346	12.909713	1.050712	0.0436521	F25H5.4.1	CE15900	WBGene00001167	eft-2 TRP29691
CELE0002S00001889	4.462891	4.92436	1.348608	0.005462215	Y47H10A.5	CE22113	WBGene00012961	status:Partially_confirmed TR:Q9U2B4 protein_id:CAB60387.1
CELE0002S00001901	8.879194	7.15766	1.212905	0.02081146	T10B11.3	CE34364	WBGene00020399	RNA-binding status:Confirmed TR:Q9TZI2 protein_id:AAO87471.2
CELE0002S00001911	4.157973	4.544307	1.307068	0.002866671	F55H12.2.1			
CELE0002S00001983	8.287722	8.593895	1.238424	0.02077544	F23C8.9	CE20718	WBGene00017738	status:Partially_confirmed TR:Q9TXQ0 protein_id:AAD03137.1
CELE0002S00002046	4.529824	5.060365	1.444371	0.04705119	M04C9.1	CE12400	WBGene00010858	status:Predicted TR:P09930 protein_id:CAB08019.1
CELE0002S00002105	9.377237	9.49388	1.084209	0.0464177	ZK484.5.1			
CELE0002S00002135	4.88841	5.436828	1.385511	0.02288861	F10D11.3	CE09325	WBGene00008649	status:Predicted TR:O17778 protein_id:CAB02915.1
CELE0002S00002147	7.173458	7.640333	1.382112	0.003963356	ZC434.8	CE08583	WBGene00013894	arginine kinase status:Confirmed SW:Q27535 protein_id:CAB0062.1
CELE0002S00002187	7.586798	7.984321	1.308145	0.01522587	Y48G1A.5	CE27001	WBGene00002079	locus:imb-5 importin beta, nuclear transport factor status:Partially_confirmed TR:Q985V4 protein_id:AAK84610.1
CELE0002S00002221	7.403572	7.830133	1.344026	0.0310885	W02D9.1	CE24028	WBGene00004181	locus:prf-2 DNA primase 58 KD subunit status:Partially_confirmed SW:O02334 protein_id:CAB03489.2
CELE0002S00002224	8.182841	8.588003	1.308187	0.04049632	W02D9.2	CE14456	WBGene00012208	Yeast YIP1 protein like status:Partially_confirmed TR:O02335 protein_id:CAB03470.1
CELE0002S00002267	8.375777	8.64136	1.202122	0.04774107	F58D5.1.2	CE36388	WBGene00002000	hwp-2 TR:Q9NLD1
CELE0002S00002297	4.849837	5.081307	1.174031	0.04655082	F55A12.4b	CE33397	WBGene00000968	locus:dhs-2 status:Partially_confirmed TR:Q86NJ6 protein_id:AAO38838.1
CELE0002S00002302	7.503209	7.748482	1.185317	0.04320714	H28O18.2	CE34196	WBGene00010420	status:Partially_confirmed TR:Q9XXK2 protein_id:CAA19429.2
CELE0002S00002308	4.902326	5.009479	1.077101	0.040203	F36A2.11	CE34181	WBGene00009458	status:Partially_confirmed TR:Q9XVX7 protein_id:CAB03088.2
CELE0002S00002328	5.608862	5.797433	1.139634	0.04965209	F57B10.6	CE11308	WBGene00019004	DNA repair protein status:Predicted TR:O44737 protein_id:AAB96723.1
CELE0002S00002388	6.544715	7.01166	1.38218	0.04576373	ZK909.4	CE15479	WBGene00000469	locus:ces-2 albumin D-binding protein like status:Confirmed SW:Q94126 protein_id:CAB05032.1
CELE0002S00002411	4.371235	4.818935	1.363864	0.0428897	D1007.2	CE09037	WBGene00000829	locus:col-52 status:Predicted TR:O01873 protein_id:AAK18909.1
CELE0002S00002414	5.15742	5.524953	1.280145	0.02834712	D1007.4	CE09039	WBGene00017002	status:Partially_confirmed TR:O01871 protein_id:AAK18911.1
CELE0002S00002421	4.921847	5.458747	1.450852	0.01739209	D1007.9	CE09044	WBGene00017008	status:Predicted TR:O01885 protein_id:AAK18915.1
CELE0002S00002452	7.01711	7.344918	1.255103	0.03574931	Y65B4BR.8	CE27304	WBGene00022043	status:Partially_confirmed TR:Q9BL54 protein_id:AAK29961.1
CELE0002S00002536	4.57996	4.955142	1.297003	0.04557196	H26D21.1	CE20999	WBGene00002042	locus:hus-1 status:Confirmed TR:Q9XYP0 protein_id:AAC78225.1
CELE0002S00002539	6.121377	6.338431	1.182358	0.04037428	D2030.3.2	CE09080	WBGene00009413	D2030.3 TR:P90790
CELE0002S00002547	9.02695	9.220504	1.143625	0.02608201	F26B1.2.c.2	CE33058	WBGene00017816	F26B1.2 TR:Q9T7G8
CELE0002S00002584	6.910035	7.02398	1.082183	0.04413819	F33D11.9b	CE30527	WBGene00018006	status:Partially_confirmed TR:Q95X60 protein_id:AAK88360.2
CELE0002S00002610	6.360102	6.931754	1.488224	0.02214465	W02D3.11b	CE31078	WBGene00020936	status:Confirmed TR:Q8MQG5 protein_id:AAM48549.1
CELE0002S00002666	5.906388	6.230938	1.252276	0.009633011	T01H8.1c	CE34495	WBGene00011352	status:Partially_confirmed SW:Q21734 protein_id:CAE17938.1
CELE0002S00002682	4.101742	4.488925	1.307837	0.04415058	F48C1.3	CE10736	WBGene00018596	status:Partially_confirmed TR:O01570 protein_id:AAB52346.1
CELE0002S00002711	4.373807	4.861589	1.402482	0.02663268	F28H1.5	CE09770	WBGene00017910	status:Predicted TR:O01540 protein_id:AAB52341.1
CELE0002S00002746	4.728834	5.28872	1.474153	0.03080484	C16C2.1	CE15618	WBGene00000430	locus:ceh-5 Homeobox domain status:Predicted SW:P20269 protein_id:CAB02740.1
CELE0002S00002791	6.834918	7.373254	1.452296	0.04726487	C41G7.2	CE08866	WBGene00002226	locus:klp-18 Drnophilin claret segregational protein like status:Confirmed TR:Q9388 protein_id:CAB02839.1
CELE0002S00002800	5.530583	5.998995	1.38349	0.006240238	F26H9.1	CE09706	WBGene00009173	status:Partially_confirmed TR:O01321 protein_id:CAB04206.1
CELE0002S00002814	7.471393	7.936482	1.380403	0.02775992	C41D11.5	CE27841	WBGene00018564	status:Confirmed SW:O01975 protein_id:AAK88240.1
CELE0002S00002848	4.965803	5.509001	1.457199	0.02988704	K02F2.4	CE17158	WBGene00006740	locus:ulp-5 status:Partially_confirmed TR:Q44984 protein_id:AAB97567.1
CELE0002S00002854	9.678472	10.203511	1.438972	0.00342268	Y18D10A.20	CE21418	WBGene00003999	locus:pfm-1 Profilin status:Confirmed SW:Q9XW16 protein_id:CAA22318.1
CELE0002S00002914	6.679946	7.026319	1.27136	0.01192647	F26A3.7	CE09672	WBGene00009145	status:Partially_confirmed SW:Q93591 protein_id:CAB08545.1
CELE0002S00002944	4.374503	4.709563	1.26143	0.002224367	F25H5.1b	CE37828	WBGene00008407	locus:tag-15 LIM domain containing proteins (5 domains) status:Confirmed TR:O17833 protein_id:CAB02981.1
CELE0002S00002946	5.73276	6.150246	1.335598	0.02612976	F25H5.1d	CE37830	WBGene00006407	locus:tag-15 LIM domain containing protein status:Confirmed
CELE0002S00002970	5.497393	6.009509	1.42814	0.02184078	T26E3.6	CE14194	WBGene00012039	fibrillin status:Partially_confirmed TR:Q45828 protein_id:CAB04833.1
CELE0002S00003020	5.781105	6.231885	1.36659	0.02803522	Y48G8AR.3	CE22202	WBGene00021694	status:Partially_confirmed TR:Q9N3N5 protein_id:AAF60706.1
CELE0002S00003050	7.880032	8.237548	1.299103	0.02151165	T08B2.5e	CE33170	WBGene00020346	status:Confirmed TR:Q88NK1 protein_id:AAO21391.1
CELE0002S00003107	4.3205	4.884579	1.478443	0.04860642	T22C1.9	CE32498	WBGene00011919	status:Confirmed TR:Q22669 protein_id:CAA89925.2
CELE0002S00003122	4.789728	5.203064	1.331762	0.02589212	K09H8.4	CE36702	WBGene00019598	reverse transcriptase status:Predicted TR:Q44688 protein_id:AAB97571.2
CELE0002S00003173	7.111336	7.548085	1.354471	0.007803044	Y73E7A.1	CE27033	WBGene00022288	status:Confirmed TR:Q9GUM1 protein_id:AAO23390.2
CELE0002S00003204	5.871696	6.438912	1.481682	0.0251847	K10C3.4	CE12080	WBGene00010731	status:Partially_confirmed TR:Q45885 protein_id:CAB05771.1
CELE0002S00003208	5.787685	6.185252	1.317285	0.01424382	F30A10.10.1			
CELE0002S00003218	5.931424	6.174063	1.183155	0.03468883	F36F2.3	CE34550	WBGene00009477	Zinc finger, C3HC4 type (RING finger), Zinc finger, CCHC class status:Partially_confirmed TR:Q82235 protein_id:CAB04326.3

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00003231	5.013153	5.44374	1.347782	0.0428982	Y110A7A.20	CE23246	WBGene00022465	status:Partially_confirmed TR:Q8TA52 protein_id:AAL77186.1
CELE0002S00003250	6.216347	6.260691	1.031214	0.0483358	C25A1.12	CE08378	WBGene00007711	status:Partially_confirmed TR:Q02218 protein_id:CAB02763.1
CELE0002S00003275	10.592659	10.948503	1.279737	0.004898576	Y44E3B.1b.1	CE28364	WBGene00021552	Y44E3B.1 TR:Q965M4
CELE0002S00003276	10.633804	11.099756	1.38142	0.008560932	Y44E3B.1b.2	CE28364	WBGene00021552	Y44E3B.1 TR:Q965M4
CELE0002S00003278	10.5318	10.909101	1.29891	0.0025443	Y44E3B.1b.3			
CELE0002S00003280	10.749778	11.092186	1.267871	0.002077682	Y44E3B.1b.4			
CELE0002S00003382	7.01955	7.120282	1.072317	0.03301449	Y47G6A.12	CE22098	WBGene00004775	locus:sep-1 status:Confirmed TR:Q9N3T9 protein_id:AAF60651.1
CELE0002S00003413	7.573812	8.057672	1.39848	0.009749322	Y47G6A.24	CE24370	WBGene00021648	locus:mis-12 status:Partially_confirmed TR:Q9N3R7 protein_id:AAF60669.1
CELE0002S00003415	5.971272	6.430544	1.374848	0.04502251	Y47G6A.25	CE34403	WBGene00021649	status:Partially_confirmed TR:Q9N3R8 protein_id:AAF60670.2
CELE0002S00003430	6.50933	6.886353	1.298659	0.008904975	C25A1.1	CE08366	WBGene00007705	status:Partially_confirmed TR:Q17594 protein_id:CAB02762.1
CELE0002S00003443	8.719767	9.01036	1.223143	0.02652311	C25A1.5	CE08370	WBGene00007707	Yeast hypothetical 44.9 KD protein like status:Confirmed TR:Q9XVS0 protein_id:CAB02759.1
CELE0002S00003453	7.816382	8.383582	1.481645	0.02096623	C25A1.9	CE18532	WBGene00007710	status:Confirmed TR:Q02217 protein_id:CAB02769.1
CELE0002S00003482	4.357353	4.785359	1.345373	0.03631853	Y26D4A.9	CE21489	WBGene00012506	status:Predicted TR:Q9U2P7 protein_id:CAB54347.1
CELE0002S00003508	8.276834	8.674331	1.317221	0.04199966	Y23H5A.3	CE18359	WBGene00021270	status:Partially_confirmed TR:Q78618 protein_id:AAC64630.1
CELE0002S00003558	7.006728	7.228591	1.166239	0.0294399	C34B2.2.2			
CELE0002S00003565	6.722161	7.050286	1.255363	0.03421489	W09C3.4	CE14750	WBGene00021112	status:Partially_confirmed SW:P91529 protein_id:AAC24412.1
CELE0002S00003573	4.889877	5.257413	1.290326	0.03712279	F13G3.12	CE34806	WBGene00008770	status:Predicted TR:Q7YX39 protein_id:CAE17785.1
CELE0002S00003579	4.656236	4.987996	1.258548	0.02349755	C28C8.4	CE05313	WBGene00007739	status:Predicted TR:Q18207 protein_id:CAA96597.1
CELE0002S00003607	5.842595	5.952313	1.079017	0.04998812	Y106G6L.4	CE23214	WBGene00013713	status:Partially_confirmed TR:Q9XWA9 protein_id:CAA22054.1
CELE0002S00003608	11.952689	12.271565	1.247376	0.04837073	R08C7.10.3			
CELE0002S00003610	4.380488	4.552697	1.142512	0.04536613	Y108G6L.5	CE23215	WBGene00013714	status:Predicted TR:Q9XWA7 protein_id:CAA22056.1
CELE0002S00003620	5.383524	5.80328	1.337683	0.04376444	C17E4.2	CE08251	WBGene00007642	myosin heavy chain like status:Partially_confirmed TR:Q93228 protein_id:CAB02745.1
CELE0002S00003622	6.286742	6.709512	1.340499	0.03918651	C17E4.3	CE37199	WBGene00007643	status:Partially_confirmed TR:Q93227 protein_id:CAB02744.2
CELE0002S00003650	5.899954	6.436299	1.460381	0.0316132	Y54E10A.4a	CE27479	WBGene00001481	locus:fog-1 status:Confirmed TR:Q95XK9 protein_id:AAK68518.1
CELE0002S00003663	5.528213	5.693086	1.121087	0.02141773	F54A3.3	CE31540	WBGene00018782	status:Partially_confirmed TR:Q9N4J8 protein_id:AAF35963.3
CELE0002S00003749	5.997179	6.377842	1.30194	0.01152453	B0034.2	CE02410	WBGene00015003	status:Predicted TR:Q10803 protein_id:AAK31384.1
CELE0002S00003766	4.327239	4.907957	1.496593	0.04377088	T05C12.1	CE02312	WBGene00011466	serine/threonine kinase status:Partially_confirmed TR:Q22223 protein_id:CAA91303.1
CELE0002S00003776	4.73523	4.974436	1.180343	0.04742794	F09E5.4	CE33282	WBGene00005226	locus:arg-69 77M chemoreceptor, arg family status:Predicted TR:Q18258 protein_id:AAN63418.2
CELE0002S00003781	6.932221	7.313533	1.302526	0.04867392	F09E5.8	CE02615	WBGene00017286	status:Confirmed SW:P52057 protein_id:AAAT9348.1
CELE0002S00003797	6.8702	7.442826	1.487228	0.04134777	F58G1.1	CE17921	WBGene00010263	status:Partially_confirmed TR:Q62275 protein_id:CAB04524.1
CELE0002S00003811	4.966588	5.37156	1.324063	0.03169759	F18A12.6	CE09459	WBGene00017555	peptidase status:Partially_confirmed TR:Q16790 protein_id:AAB86078.1
CELE0002S00003812	5.054322	5.507989	1.389517	0.04887007	F18A12.7	CE09460	WBGene00017556	status:Predicted TR:Q16793 protein_id:AAB86073.1
CELE0002S00003813	6.380787	6.901412	1.454803	0.007678455	B0457.1a	CE02945	WBGene00002251	locus:lat-1 G-protein coupled receptor protein status:Confirmed TR:Q17505 protein_id:CAA91091.1
CELE0002S00003814	6.98844	7.37709	1.309168	0.02523179	B0457.1b	CE32789	WBGene00002251	locus:lat-1 status:Confirmed TR:Q81131 protein_id:CAD59141.1
CELE0002S00003836	4.86927	5.174142	1.235309	0.006343389	C18H9.8	CE27719	WBGene00016005	status:Partially_confirmed TR:Q18106 protein_id:AAC46692.2
CELE0002S00003846	12.647244	12.94798	1.231773	0.04173822	C18A3.5f.2	CE32131	WBGene00015943	C18A3.5 TR:Q8IG49
CELE0002S00003864	4.927747	5.468874	1.453093	0.02794693	T16D1.1	CE04968	WBGene00020539	status:Predicted TR:Q22526 protein_id:AAAB0131.1
CELE0002S00003873	7.824831	7.88645	1.198823	0.02437574	F43C11.4	CE23720	WBGene00018381	status:Predicted TR:Q9U5B7 protein_id:AAF16615.1
CELE0002S00003889	6.988879	7.279179	1.224591	0.04358805	F54D5.11	CE26813	WBGene00010054	transcription initiation factor TFIIE-BETA status:Partially_confirmed TR:Q20776 protein_id:CAA91338.2
CELE0002S00003898	5.793512	6.094626	1.232096	0.007927088	Y27F2A.8	CE33729	WBGene00021299	status:Partially_confirmed TR:Q86M16 protein_id:AAO91687.1
CELE0002S00003959	4.254327	4.543592	1.222018	0.02370882	C08E3.4	CE32119	WBGene00015596	status:Confirmed TR:Q17194 protein_id:AAB70965.2
CELE0002S00003962	6.14728	6.401542	1.192725	0.04289703	C08E3.7	CE08010	WBGene00015599	status:Partially_confirmed TR:Q17198 protein_id:AAB70960.1
CELE0002S00003998	6.432844	6.615371	1.13487	0.0238106	C08A8.4	CE02455	WBGene00004823	locus:skr-17 status:Confirmed TR:Q17696 protein_id:AAA81051.1
CELE0002S00004010	8.368287	8.840735	1.387462	0.01919216	K12D12.1	CE06184	WBGene00010785	DNA topoisomerase II status:Partially_confirmed SW:Q23670 protein_id:CAA94177.1
CELE0002S00004028	7.464862	8.026575	1.478021	0.04358742	ZK669.5	CE36280	WBGene00014055	Ras-like protein status:Partially_confirmed TR:Q23572 protein_id:CAA85466.2
CELE0002S00004029	4.384511	4.884604	1.414305	0.02885832	ZK669.7	CE35167	WBGene00014056	status:Predicted TR:Q7YWM5 protein_id:CAE18054.1
CELE0002S00004188	5.837496	6.226144	1.309166	0.03962386	C44B7.5	CE02543	WBGene00016627	status:Partially_confirmed TR:Q18594 protein_id:AAA68336.1
CELE0002S00004197	8.718469	9.276297	1.472051	0.004948443	T08E11.5	CE33448	WBGene00020361	status:Partially_confirmed TR:Q78639 protein_id:AAC26318.3
CELE0002S00004215	9.113205	9.810565	1.411628	0.01560077	F07A11.2a	CE03144	WBGene00008546	glucosaminyl-fructose-6-phosphate aminotransferase status:Confirmed TR:Q19130 protein_id:CAA91315.1
CELE0002S00004216	6.768976	7.077369	1.238328	0.00556983	C30B5.1	CE37325	WBGene00016243	status:Partially_confirmed TR:Q18320 protein_id:AAK31466.3
CELE0002S00004226	4.368577	4.780608	1.330558	0.008450306	AH6.6	CE01460	WBGene00005028	locus:sra-2 77M chemoreceptor, sra family status:Predicted SW:Q09204 protein_id:CAA88084.1
CELE0002S00004244	4.225588	4.51206	1.219654	0.01551683	C16C4.1	CE36788	WBGene00015825	status:Predicted TR:Q44325 protein_id:AAB93684.2
CELE0002S00004247	4.936296	5.390159	1.389703	0.04067457	C16C4.4	CE34692	WBGene00015828	status:Partially_confirmed TR:Q18552 protein_id:AAB93661.2
CELE0002S00004288	5.436213	5.961624	1.439344	0.01748037	ZK930.2	CE06672	WBGene00014152	status:Predicted TR:Q23665 protein_id:CAA94171.1
CELE0002S00004299	4.942675	5.245956	1.233947	0.04586261	Y25C1A.8a	CE21476	WBGene00021295	zinc-finger protein status:Partially_confirmed TR:Q9TYM0 protein_id:AAD12844.1
CELE0002S00004329	5.271732	5.412495	1.102488	0.04687598	C01G6.6b	CE32562	WBGene00006510	locus:tag-165 status:Confirmed TR:Q84N2 protein_id:CAD57684.1
CELE0002S00004380	4.388514	4.839228	1.366715	0.01554639	ZK250.5	CE33500	WBGene00022688	status:Partially_confirmed TR:Q17299 protein_id:AAB71074.2
CELE0002S00004385	4.50166	4.724772	1.167249	0.04369964	ZK250.8	CE15281	WBGene00022691	status:Predicted TR:Q17304 protein_id:AAB71077.1
CELE0002S00004422	4.391055	4.880559	1.403962	0.000562318	F43E2.6b.1	CE32663	WBGene00018394	F43E2.6 TR:Q95R16

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpop_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00004454	4.395341	4.630132	1.176736	0.03022851	C18C4.12	CE08208	WBGene00016836	status:Predicted TR:O16560 protein_id:AAB93657.1
CELE0002S00004468	6.080454	6.311984	1.174079	0.04644757	T02G5.13a	CE31822	WBGene00020169	status:Confirmed SW:Q22111 protein_id:AAA82408.2
CELE0002S00004472	6.146477	6.321854	1.129259	0.04769796	Y39G8B.3	CE24245	WBGene00012724	status:Predicted TR:Q9U2J4 protein_id:CAB80337.1
CELE0002S00004514	6.839796	7.054104	1.160147	0.03247087	Y46G5A.29	CE37286	WBGene00012917	status:Partially_confirmed TR:Q9U2D5 protein_id:CAB80377.3
CELE0002S00004516	5.120712	5.897137	1.480462	0.02320828	F28A10.1	CE19406	WBGene00017869	status:Predicted TR:Q95YCD protein_id:AAK85466.1
CELE0002S00004598	4.584043	4.969745	1.306495	0.02699878	C49D10.4	CE08845	WBGene00016773	status:Partially_confirmed TR:O16608 protein_id:AAC71179.1
CELE0002S00004734	4.682818	5.087497	1.305569	0.04648592	Y81G3A.4	CE23119	WBGene00013592	status:Partially_confirmed TR:Q9XVY2 protein_id:CAA22517.1
CELE0002S00004739	7.808781	7.951677	1.2683	0.01291448	F26H11.1	CE26712	WBGene00009179	locus:kbp-3 status:Confirmed SW:O45408 protein_id:CAB04194.3
CELE0002S00004744	6.832905	7.097263	1.201101	0.04447317	F28H11.5	CE24922	WBGene00001371	locus:exl-1 status:Partially_confirmed SW:O45405 protein_id:CAB04193.2
CELE0002S00004812	4.326343	4.693134	1.289481	0.0174598	T28D9.9	CE02073	WBGene00020898	status:Partially_confirmed SW:Q10028 protein_id:AAA88311.1
CELE0002S00004820	4.764032	5.168121	1.323253	0.03915364	F28A10.10	CE19415	WBGene00017878	cytidyltransferase status:Predicted TR:Q95YB8 protein_id:AAK85467.1
CELE0002S00004837	4.910323	5.251862	1.267195	0.03679783	C16C8.16	CE08227	WBGene00015853	status:Partially_confirmed TR:P91055 protein_id:AAB37858.1
CELE0002S00004852	5.85384	6.270787	1.335099	0.03613385	C54A12.3	CE01867	WBGene00016910	status:Partially_confirmed TR:Q09939 protein_id:AAA68304.1
CELE0002S00004864	7.317834	7.572039	1.192678	0.02047678	W03C9.7.2	CE28097	WBGene00003228	mxr-1 TR:Q9XTB3
CELE0002S00004904	13.358963	13.500162	1.102821	0.02115908	F28C6.7b.1			
CELE0002S00004945	4.629236	4.980163	1.27538	0.005465248	F22D3.4	CE02673	WBGene00017700	status:Predicted TR:Q19715 protein_id:AAK31494.1
CELE0002S00004958	4.459845	4.960341	1.4147	0.02720025	C41D7.1	CE08856	WBGene00016580	status:Predicted TR:O16529 protein_id:AAC48224.1
CELE0002S00004975	4.955347	5.262319	1.237108	0.03022081	F39E9.12	CE32654	WBGene00018201	status:Predicted TR:Q8ITZ1 protein_id:AAH85318.1
CELE0002S00005003	4.962315	5.257509	1.22705	0.01391974	T27A1.2	CE38023	WBGene00020834	status:Partially_confirmed TR:O17273 protein_id:AAB71043.2
CELE0002S00005006	7.373581	7.409547	1.025243	0.0273564	R05H10.3b	CE37034	WBGene00011044	status:Partially_confirmed TR:Q8EUT6 protein_id:CAH04738.1
CELE0002S00005055	7.182232	7.690381	1.422224	0.03284784	T09A5.8	CE01089	WBGene00011636	chromosomal organisation modifier protein status:Confirmed SW:P45988 protein_id:CAA85339.1
CELE0002S00005089	8.122187	8.25044	1.092869	0.04690458	ZK75.3	CE02102	WBGene00002086	locus:ins-3 status:Partially_confirmed SW:Q09628 protein_id:AAC46746.1
CELE0002S00005071	4.795502	5.140872	1.270477	0.03477254	F45D11.13	CE35933	WBGene00018458	status:Partially_confirmed TR:Q9N5T3 protein_id:AAF39821.2
CELE0002S00005090	4.559069	4.740027	1.133636	0.04067885	F48C5.7	CE03348	WBGene00009782	status:Partially_confirmed SW:P52683 protein_id:CAA91049.1
CELE0002S00005102	5.51509	5.988361	1.369141	0.01756312	T27D12.3	CE06518	WBGene00012086	status:Partially_confirmed TR:Q22631 protein_id:CAA93877.1
CELE0002S00005169	4.295549	4.456214	1.117802	0.01553924	T19D12.2d	CE33456	WBGene00020577	status:Confirmed TR:Q88ND5 protein_id:AAO38596.1
CELE0002S00005224	8.295885	8.861845	1.480372	0.000490025	Y48E1B.12	CE14874	WBGene00000804	locus:ccc-1 status:Confirmed TR:O45952 protein_id:CAB07696.1
CELE0002S00005243	7.394519	7.97184	1.491869	0.03324168	F23F1.1	CE27996	WBGene00017742	status:Partially_confirmed TR:O17072 protein_id:AAK68346.1
CELE0002S00005288	7.433793	7.940472	1.420776	0.000556787	Y63F4B.9	CE22399	WBGene00013156	status:Partially_confirmed TR:Q9NAC1 protein_id:CAB61080.1
CELE0002S00005340	8.377516	8.834577	1.372742	0.006473085	C08B11.2	CE01472	WBGene00001835	locus:chr-2 transcriptional regulatory protein (RPD3) status:Partially_confirmed SW:Q09440 protein_id:CAA86862.1
CELE0002S00005389	4.687574	4.881144	1.14359	0.03159637	F38H5.9	CE09966	WBGene00018107	status:Predicted TR:P91295 protein_id:AAK31518.1
CELE0002S00005419	7.075215	7.492117	1.335058	0.01471221	ZK546.1a.1	CE32088	WBGene00008997	zvg-12 TR:Q23529
CELE0002S00005420	7.607356	7.936092	1.255913	0.02435235	ZK546.1a.2	CE32088	WBGene00008997	zvg-12 TR:Q23529
CELE0002S00005424	5.988713	6.32239	1.260221	0.02270028	T01H3.4	CE03568	WBGene00011350	status:Partially_confirmed TR:Q22090 protein_id:CAA92688.1
CELE0002S00005436	4.839196	5.348029	1.420928	0.0403356	C41H7.8	CE33365	WBGene00016578	status:Predicted TR:Q86S46 protein_id:AAO38669.1
CELE0002S00005437	6.0937	6.449606	1.279789	0.04840042	R06A4.3	CE21112	WBGene00011048	transposase status:Partially_confirmed TR:O62330 protein_id:CAB05594.2
CELE0002S00005549	4.647898	5.114935	1.382268	0.01399822	R09D1.5	CE34961	WBGene00011161	chitinase status:Partially_confirmed TR:Q21861 protein_id:CAA93865.2
CELE0002S00005677	4.718865	4.928278	1.156216	0.04976844	C40A11.2	CE34742	WBGene00016545	status:Partially_confirmed TR:Q9TZA7 protein_id:AAC68760.3
CELE0002S00005715	7.505034	7.786996	1.215847	0.02074057	C47D12.2.2	CE20567	WBGene00008136	C47D12.2 TR:Q18668
CELE0002S00005760	9.376747	9.765979	1.309696	0.008096871	Y57A10A.22	CE25505	WBGene00013262	status:Predicted TR:Q9U212 protein_id:CAB80788.1
CELE0002S00005836	4.114677	4.652579	1.45186	0.01649585	F54D12.4	CE17869	WBGene00018817	status:Partially_confirmed TR:O44828 protein_id:AAB94994.1
CELE0002S00005875	5.851976	6.410151	1.472405	0.04383703	F18A1.3a	CE27973	WBGene00003044	locus:ilr-1 status:Confirmed TR:Q9Y050 protein_id:AAK67250.1
CELE0002S00005899	6.343448	6.785277	1.339625	0.03896699	Y8C2UA.2	CE21341	WBGene00012422	status:Partially_confirmed TR:Q9XXT9 protein_id:CAA15518.1
CELE0002S00005958	6.399386	6.901938	1.416717	0.01246255	F59H8.1	CE35982	WBGene00019132	status:Partially_confirmed TR:Q9N5P8 protein_id:AAF39661.2
CELE0002S00005965	7.782436	8.070946	1.221378	0.02807617	F59H8.8	CE20914	WBGene00019138	status:Partially_confirmed TR:Q9N5Q1 protein_id:AAF39658.1
CELE0002S00006067	7.139871	7.322342	1.134826	0.04513084	T24H10.1	CE03726	WBGene00012000	transcription factor S-II status:Partially_confirmed SW:P52652 protein_id:CAA90943.1
CELE0002S00006075	5.115699	5.203797	1.082968	0.03962834	C27D8.10	CE06890	WBGene00005086	locus:scr-1 status:Predicted SW:Q95ZYD protein_id:AAK68205.1
CELE0002S00006093	7.543132	8.10707	1.478299	0.009442826	C09H10.6	CE03007	WBGene00007500	histone binding protein status:Partially_confirmed TR:Q17886 protein_id:CAA80441.1
CELE0002S00006166	4.423415	4.812707	1.30975	0.03089391	R52.9	CE36886	WBGene00020080	status:Predicted TR:O17294 protein_id:AAB71068.2
CELE0002S00006199	7.095007	7.58696	1.366986	0.03192157	R12C12.2	CE02847	WBGene00004306	locus:ran-5 status:Confirmed TR:Q21961 protein_id:AAC46781.1
CELE0002S00006206	6.032253	6.29367	1.198655	0.03337235	F59E12.1	CE28569	WBGene00019118	status:Confirmed TR:O01905 protein_id:AAK82896.1
CELE0002S00006226	14.053197	14.344148	1.223446	0.00416706	F10B5.1.1	CE01543	WBGene00004421	rpl-10 TR:Q09533
CELE0002S00006227	4.827271	5.31245	1.39976	0.03335856	B0228.5a	CE01745	WBGene00015082	Thioredoxin 1 status:Partially_confirmed SW:Q09433 protein_id:AAC36808.1
CELE0002S00006228	13.986722	14.281898	1.226863	0.001044213	F10B5.1.2	CE01543	WBGene00004421	rpl-10 TR:Q09533
CELE0002S00006229	4.842078	5.056102	1.159919	0.0432545	B0228.5b	CE34629	WBGene00015082	status:Partially_confirmed TR:Q7Y2F7 protein_id:AAP86623.1
CELE0002S00006233	7.104379	7.618109	1.427737	0.02461111	F40F8.5	CE32888	WBGene00009578	status:Partially_confirmed TR:Q20227 protein_id:CAA93261.2
CELE0002S00006242	4.101908	4.430403	1.255703	0.01813841	F11G11.11.2	CE36533	WBGene00000609	col-20 TR:P91249
CELE0002S00006244	4.447313	4.689648	1.16662	0.02481321	T20H12.1	CE32729	WBGene00020643	status:Predicted TR:O16618 protein_id:AAB68098.2
CELE0002S00006271	4.605479	4.830371	1.080428	0.0433657	H20J04.7	CE20972	WBGene00019222	status:Predicted TR:Q9N5L8 protein_id:AAF39885.1

SEQ_ID	control	Expos	FoldChange	pvalue	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00006381	7.116527	7.387098	1.206285	0.04645311	W02B8.4	CE20133	WBGene00012200	status:Predicted TR:Q9XVH2 protein_id:CAB03460.1
CELE0002S00006380	13.447258	14.003937	1.470879	0.0000109	Y48B6A.14	CE29377	WBGene00001971	locus:hmg-1.1 status:Confirmed TR:Q9U2A0 protein_id:CAB54448.2
CELE0002S00006425	5.417999	5.990848	1.487458	0.02547781	Y53F4B.28	CE25406	WBGene00013172	status:Predicted TR:Q9N871 protein_id:CAB70113.2
CELE0002S00006455	4.974059	5.434112	1.375592	0.04618899	T28C5.5	CE35033	WBGene00012035	status:Confirmed TR:Q7YWS4 protein_id:CAE17972.1
CELE0002S00006515	4.461721	4.587937	1.076401	0.02229993	T11F1.8	CE36893	WBGene00020430	status:Predicted TR:Q9U8C9 protein_id:AAC68711.3
CELE0002S00006520	10.066913	10.453182	1.307009	0.04386102	F14D2.11	CE16986	WBGene00017459	status:Partially_confirmed TR:Q44803 protein_id:AAB94985.1
CELE0002S00006548	9.208885	9.591124	1.305352	0.02203118	G25H3.6c.1			
CELE0002S00006594	8.222827	8.582516	1.283149	0.02960411	C41C4.8.1	CE05402	WBGene00008053	C41C4.8 TR:P54812
CELE0002S00006642	4.513638	4.744774	1.173759	0.03634764	ZK622.3c.3	CE32290	WBGene00022781	ZK622.3 TR:Q8IFX3
CELE0002S00006665	4.574316	4.828909	1.192999	0.03895635	K03H9.1	CE01995	WBGene00019371	status:Predicted TR:Q9A404 protein_id:AAC46867.1
CELE0002S00006677	12.220117	12.483904	1.200826	0.000787343	C09G5.5	CE01485	WBGene00000656	locus:col-80 collagen status:Confirmed SW:Q09456 protein_id:CAA86758.1
CELE0002S00006684	4.873944	5.386846	1.426918	0.03105108	G16C8.5	CE08216	WBGene00015843	status:Partially_confirmed TR:P91056 protein_id:AAB37859.1
CELE0002S00006724	8.880439	9.350342	1.385016	0.03182293	Y54G9A.6	CE19233	WBGene00013209	WD domain, G-beta repeat (2 domains) status:Confirmed TR:Q9XWH0 protein_id:CAA21698.1
CELE0002S00006733	6.229982	6.531139	1.232132	0.04223611	T13H5.4.2	CE23981	WBGene00011758	T13H5.4 TR:Q22489
CELE0002S00006735	5.083034	5.232944	1.1095	0.04441338	C58E8.1	CE04273	WBGene00016969	status:Partially_confirmed TR:Q18901 protein_id:AAA81093.1
CELE0002S00006835	4.626279	5.067379	1.357639	0.0470357	G32B5.3	CE08511	WBGene00016296	status:Predicted TR:P91117 protein_id:AAB37959.1
CELE0002S00006894	4.58899	4.925929	1.280708	0.0395863	E04F6.13	CE20849	WBGene00005135	locus:srd-58 77M chemoreceptor, srd family status:Predicted TR:Q95QP0 protein_id:AAK88293.1
CELE0002S00006893	4.311936	4.714359	1.321728	0.0161823	F43E2.6a	CE32662	WBGene00018394	status:Confirmed TR:Q95R17 protein_id:AAN84799.1
CELE0002S00007060	6.195241	6.874698	1.394219	0.02953012	G27D8.3	CE01813	WBGene00018161	MST101-2 protein (Fruit Fly) status:Partially_confirmed SW:Q10032 protein_id:AAC46723.1
CELE0002S00007077	8.257321	8.568371	1.221835	0.03747857	B0281.2	CE07713	WBGene00015109	status:Predicted TR:Q16815 protein_id:AAB66081.1
CELE0002S00007137	4.871315	5.246903	1.297368	0.01779351	K05F6.8	CE17166	WBGene00019419	status:Partially_confirmed TR:Q44867 protein_id:AAB95028.1
CELE0002S00007138	4.304895	4.852988	1.272877	0.03736988	K05F6.9	CE17167	WBGene00019420	status:Partially_confirmed TR:Q44869 protein_id:AAB95030.1
CELE0002S00007148	6.202857	6.767315	1.478832	0.009880796	F21D12.1a	CE33375	WBGene00003820	locus:nhr-21 modulating N-terminal of steroid/thyroid/retinoic nuclear hormone receptors status:Confirmed TR:Q89NH8 protein_id:AAO38853.1
CELE0002S00007168	5.752067	6.14024	1.308735	0.03733555	F26H11.2d	CE35296	WBGene00009180	status:Partially_confirmed TR:Q9NLC1 protein_id:CAB54234.3
CELE0002S00007227	5.433184	5.527634	1.087584	0.04214048	M01D1.2	CE35998	WBGene00019699	status:Partially_confirmed TR:Q17224 protein_id:AAB70998.3
CELE0002S00007240	9.409228	9.806154	1.318699	0.003275882	F07A11.2b.2	CE27915	WBGene00008546	F07A11.2 TR:Q95QM8
CELE0002S00007242	4.16383	4.507146	1.288669	0.02256023	C46E10.2	CE08760	WBGene00016708	status:Predicted TR:Q44717 protein_id:AAB96687.1
CELE0002S00007278	5.027041	5.556466	1.443354	0.009847182	F54C9.3.3			
CELE0002S00007356	7.052395	7.450377	1.317664	0.03080164	D2013.5	CE32846	WBGene00001134	locus:eat-3 GTP-binding protein status:Partially_confirmed TR:Q18965 protein_id:CAAB7771.2
CELE0002S00007410	8.477653	8.935816	1.373791	0.03678851	F56D1.7	CE27175	WBGene00000935	locus:daz-1 status:Confirmed
CELE0002S00007458	7.580258	8.091812	1.425587	0.0277441	F08G2.7.2			
CELE0002S00007477	4.35427	4.725418	1.293382	0.04112652	ZC239.4	CE37458	WBGene00022587	status:Partially_confirmed TR:P91558 protein_id:AAB37941.2
CELE0002S00007521	6.002315	6.478447	1.389082	0.03755309	ZK177.6	CE26338	WBGene00001511	locus:fcy-1 CDC20 status:Confirmed SW:Q09373 protein_id:AAQ00051.1
CELE0002S00007547	10.321804	10.435085	1.081685	0.04228492	F28B12.2f	CE33382	WBGene00001208	locus:egl-44 status:Confirmed SW:Q19849 protein_id:AAO38850.1
CELE0002S00007566	5.341042	5.739395	1.318002	0.02842358	F46F5.8	CE19424	WBGene00018499	status:Predicted TR:Q9TXY3 protein_id:AAG78187.1
CELE0002S00007575	7.34917	7.511559	1.119139	0.04891159	C05C10.6b	CE27796	WBGene00007333	phospholipase activating protein status:Partially_confirmed TR:Q95NM4 protein_id:CAC42333.1
CELE0002S00007629	6.180461	6.636781	1.372038	0.01674847	F28C6.3	CE03274	WBGene00000773	locus:cpf-1 cleavage stimulation factor like status:Partially_confirmed TR:Q19884 protein_id:CAAB2870.1
CELE0002S00007706	4.930071	5.307108	1.298672	0.04089157	Y57A10A.3	CE25508	WBGene00013248	status:Partially_confirmed TR:Q9U206 protein_id:CAB60773.1
CELE0002S00007723	8.877317	9.122731	1.185433	0.004094222	G15F1.3a	CE23546	WBGene00006605	locus:tra-2 sex-determination protein status:Confirmed SW:P34709 protein_id:AAF39755.1
CELE0002S00007725	5.847954	6.385489	1.45149	0.01970882	G15F1.3b	CE23547	WBGene00006605	locus:tra-2 status:Confirmed SW:P34709 protein_id:AAF39756.1
CELE0002S00007741	4.602782	5.119008	1.43021	0.02055353	R05G9.3	CE21108	WBGene00019905	status:Partially_confirmed TR:Q986H1 protein_id:AAK88393.1
CELE0002S00007781	5.758575	6.330988	1.487009	0.008927209	G34C6.8	CE08568	WBGene00000432	locus:coah-7 Homeobox domain status:Confirmed SW:P20270 protein_id:CAA91264.1
CELE0002S00007806	5.848839	6.085629	1.353589	0.02376321	ZK177.8b	CE02097	WBGene00022673	status:Partially_confirmed SW:Q09374 protein_id:AAL11111.1
CELE0002S00007823	8.101443	8.654245	1.486932	0.04019408	K05F6.10	CE17168	WBGene00019421	status:Predicted TR:Q44870 protein_id:AAB95023.1
CELE0002S00007827	5.401432	5.808573	1.326055	0.02838898	T07D3.9b	CE33447	WBGene00020311	status:Confirmed TR:Q86S55 protein_id:AAO38605.1
CELE0002S00007881	10.117516	10.290464	1.12736	0.02962118	K04C2.3a.1	CE00721	WBGene00019381	K04C2.3 TR:Q21208
CELE0002S00007882	10.28956	10.554938	1.201951	0.005046783	K04C2.3a.2	CE00721	WBGene00019381	K04C2.3 TR:Q21208
CELE0002S00007904	7.872509	8.062861	1.141042	0.03652296	ZK328.6	CE29637	WBGene00022695	status:Confirmed SW:Q8TA81 protein_id:AAL11478.1
CELE0002S00008034	5.604905	6.029879	1.342548	0.04290176	H14A12.5	CE11586	WBGene00019197	status:Partially_confirmed TR:Q17215 protein_id:AAB70981.1
CELE0002S00008047	7.360734	7.874734	1.428004	0.02483334	T27E9.5	CE24019	WBGene00012095	phosphatidylserine synthase I status:Partially_confirmed TR:Q18143 protein_id:CAB04876.2
CELE0002S00008097	6.752266	7.169307	1.335186	0.0489014	G38D4.1a	CE17538	WBGene00008003	status:Partially_confirmed TR:Q18507 protein_id:CAA86323.1
CELE0002S00008112	4.171797	4.509283	1.263553	0.044755	T17A3.12	CE31608	WBGene00020548	status:Confirmed TR:Q8MXF8 protein_id:AAM97950.1
CELE0002S00008188	7.628234	8.048454	1.339988	0.01840682	Y56A3A.29a	CE22694	WBGene00013241	status:Partially_confirmed TR:Q9U221 protein_id:CAB80520.1
CELE0002S00008317	7.654565	7.710995	1.039889	0.04372001	Y22D7AR.13	CE29370	WBGene00004779	locus:ser-4 status:Confirmed TR:Q18512 protein_id:AAK29875.2
CELE0002S00008329	8.547245	8.737419	1.140901	0.04220663	Y67D2.5	CE27310	WBGene00022055	status:Predicted TR:Q9BKR0 protein_id:AAK27867.1
CELE0002S00008339	4.173676	4.380344	1.15402	0.01225142	T20H9.5	CE13864	WBGene00020641	status:Predicted TR:Q44891 protein_id:AAB95055.1
CELE0002S00008343	4.524372	4.78933	1.201801	0.02335572	R12B2.3	CE01366	WBGene00020019	status:Predicted TR:Q21953 protein_id:AAA50741.1
CELE0002S00008353	7.880961	8.39122	1.424306	0.000316284	G03C10.3.1	CE00874	WBGene00004392	mr-2 TR:P42170
CELE0002S00008371	7.686381	7.97119	1.216561	0.0325357	C48D5.1	CE24859	WBGene00003605	locus:nhr-6 Zinc finger, C4 type (two domains); Ligand-binding domain of nuclear hormone receptors status:Confirmed SW:P41829 protein_id:CAA85271.2

SEQ_ID	control	Expos	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00008399	5.988605	6.368121	1.299103	0.01010197	ZK112.3	CE00374	WBGene00022659	status:Predicted SWP34612 protein_id:AAA2186.1
CELE0002S00008433	6.125469	6.586279	1.376314	0.03285075	T28A8.6	CE18977	WBGene00012112	status:Partially_confirmed TR:Q9XU04 protein_id:CAB07289.1
CELE0002S00008453	7.711308	8.153242	1.358424	0.009516004	T07E3.3	CE01384	WBGene00020314	status:Predicted TR:Q22312 protein_id:AAA21082.1
CELE0002S00008461	4.900084	5.230389	1.257279	0.02449884	ZK637.15	CE06640	WBGene00014032	status:Predicted TR:Q23556 protein_id:CAA77457.1
CELE0002S00008527	7.753364	8.071026	1.246309	0.0205169	Y119D3B.12b	CE27239	WBGene00022489	status:Confirmed TR:Q8IAB4 protein_id:AAAB8411.1
CELE0002S00008575	8.938769	9.257057	1.24685	0.02319878	K03H1.7	CE00573	WBGene00010542	status:Confirmed TR:Q21196 protein_id:CAA82659.1
CELE0002S00008576	4.828758	5.24489	1.334345	0.04388437	K03H1.8	CE00572	WBGene00010543	Protein tyrosine phosphatase status:Partially_confirmed TR:Q21197 protein_id:CAA82660.1
CELE0002S00008584	4.768719	5.015555	1.188602	0.03705001	Y54F10BM.11	CE27008	WBGene00021885	status:Predicted TR:Q95XK8 protein_id:AAK88890.1
CELE0002S00008598	6.404072	6.847287	1.359631	0.02578094	R02F2.6	CE00770	WBGene00019835	status:Partially_confirmed TR:Q21647 protein_id:AAA50722.1
CELE0002S00008615	6.889871	7.334298	1.360772	0.002708055	C05D2.10b	CE29580	WBGene00015470	status:Confirmed TR:Q95X42 protein_id:AAL13318.1
CELE0002S00008657	5.237114	5.655956	1.338654	0.04319989	Y48A6B.6b	CE36458	WBGene00012967	status:Partially_confirmed TR:Q8EUU0 protein_id:CAH04760.1
CELE0002S00008900	6.633855	6.852716	1.163814	0.01057423	Y75B8A.17	CE23028	WBGene00013552	status:Partially_confirmed TR:Q9XW85 protein_id:CAA22084.1
CELE0002S00008904	5.002118	5.370078	1.290525	0.03623146	E02H9.9	CE08126	WBGene00017106	status:Predicted TR:Q9TZ95 protein_id:AAC68774.1
CELE0002S00008921	9.793623	10.140208	1.271545	0.03087184	R74.3.3			
CELE0002S00008922	7.514543	7.717526	1.151075	0.04807895	B0338.5	CE29544	WBGene00015145	status:Confirmed TR:Q17483 protein_id:AAK18862.2
CELE0002S00008924	6.274463	6.719198	1.361064	0.00863093	B0338.6	CE29545	WBGene00015146	status:Partially_confirmed TR:Q10929 protein_id:AAK18854.2
CELE0002S00008937	6.034723	6.277564	1.183321	0.02385089	Y75B8A.22	CE23033	WBGene00008571	locus:tim-1 status:Confirmed TR:Q9XW85 protein_id:CAA22108.3
CELE0002S00008983	5.028934	5.081945	1.037428	0.02806174	Y75B8A.39	CE37299	WBGene00023483	status:Predicted TR:Q67X95 protein_id:CAH19095.1
CELE0002S00008992	4.958886	5.33158	1.294788	0.03385159	M04D8.5	CE00823	WBGene00010883	status:Partially_confirmed TR:Q21510 protein_id:CAAB3813.1
CELE0002S00009007	5.891402	6.172379	1.215017	0.01703448	F08F8.4	CE27932	WBGene00017269	status:Partially_confirmed TR:Q19208 protein_id:AAK68308.1
CELE0002S00009009	8.278921	8.623892	1.270125	0.04702832	T07C4.1	CE00638	WBGene00011559	UMP synthase status:Partially_confirmed TR:Q18516 protein_id:CAA82579.1
CELE0002S00009048	7.754783	8.215668	1.376388	0.002990607	T117H7.4c	CE28672	WBGene00001573	locus:gel-16 status:Partially_confirmed TR:Q95QA8 protein_id:AAK77840.1
CELE0002S00009075	9.680623	9.938399	1.212325	0.04959526	F25B5.3a	CE26890	WBGene00017775	status:Partially_confirmed SW:Q09315 protein_id:AAK67227.1
CELE0002S00009076	9.299473	9.850162	1.464785	0.006892385	F25B5.3b	CE28001	WBGene00017775	status:Partially_confirmed SW:Q09315 protein_id:AAK67228.1
CELE0002S00009077	6.863917	7.240012	1.490809	0.04528868	F25B5.3d	CE30663	WBGene00017775	status:Partially_confirmed TR:Q8MNT2 protein_id:AAM22086.1
CELE0002S00009154	6.296379	6.687832	1.311714	0.04897265	Y75B8A.9b	CE35810	WBGene00013546	status:Confirmed SW:Q7K755 protein_id:CAE47472.1
CELE0002S00009178	7.124759	7.560928	1.353007	0.02351679	T16G12.4	CE00582	WBGene00011805	status:Partially_confirmed TR:Q22527 protein_id:CAA82987.1
CELE0002S00009181	5.608983	5.92006	1.240634	0.04877783	W03A3.2	CE37416	WBGene00020964	DNA polymerase status:Partially_confirmed TR:Q23133 protein_id:AAB93325.2
CELE0002S00009206	7.940521	8.197848	1.195096	0.03894689	F58A4.10.2	CE00216	WBGene00008704	ubc-7 TR:P34477
CELE0002S00009246	4.819386	5.194739	1.297157	0.02269866	T12A2.11	CE33180	WBGene00005183	locus:arg-5 7TM chemoreceptor, arg family status:Predicted SW:P64127 protein_id:AAK84667.2
CELE0002S00009329	5.510672	5.918087	1.324451	0.03967363	C36A4.1	CE37711	WBGene00007863	locus:cyp-25A1 cytochrome P450 status:Partially_confirmed TR:Q27477 protein_id:CAA91268.2
CELE0002S00009332	5.852567	6.433837	1.496168	0.02513817	C36A4.4	CE27831	WBGene00007965	status:Partially_confirmed SW:Q18493 protein_id:CAA91270.2
CELE0002S00009358	5.689799	6.211779	1.435925	0.01184748	C06E1.5	CE00060	WBGene00015520	status:Predicted SWP34300 protein_id:AAA27935.1
CELE0002S00009426	7.532336	7.990867	1.373951	0.04985368	ZK688.1	CE34463	WBGene00022791	ATP-dependent RNA helicase status:Confirmed SW:P34687 protein_id:AAA28221.2
CELE0002S00009524	10.375939	10.730411	1.278518	0.02357538	F25B5.4a.1	CE01921	WBGene00008727	ubq-1 TR
CELE0002S00009527	10.367173	10.728443	1.284556	0.01003429	F25B5.4a.2	CE01921	WBGene00008727	ubq-1 TR
CELE0002S00009546	5.054582	5.215649	1.117991	0.04814208	Y37D8A.26	CE35073	WBGene00012561	status:Predicted TR:Q7YTJ4 protein_id:CAE17974.1
CELE0002S00009572	6.33051	6.48377	1.11208	0.03708295	B0412.1b	CE33550	WBGene00000895	locus:dac-1 status:Partially_confirmed TR:Q88GT3 protein_id:AAO61448.3
CELE0002S00009604	4.817594	5.381277	1.478038	0.04596079	C46F11.4.1	CE17559	WBGene00008119	C46F11.4 TR:Q93382
CELE0002S00009605	5.600412	5.942972	1.288005	0.02138959	C46F11.4.2	CE17559	WBGene00008119	C46F11.4 TR:Q93382
CELE0002S00009619	11.908484	12.345238	1.353574	0.000758851	F02A9.3.1	CE00134	WBGene00001386	far-2 TR:P34383
CELE0002S00009638	8.843011	9.209403	1.289125	0.04157433	Y71D11A.2a	CE24602	WBGene00004891	locus:smr-1 status:Confirmed TR:Q95Y51 protein_id:AAK85607.1
CELE0002S00009639	7.684484	8.136122	1.386883	0.01042355	Y71D11A.2b	CE34424	WBGene00004891	locus:smr-1 status:Confirmed TR:Q7Z1Q5 protein_id:AAP46266.1
CELE0002S00009672	5.897167	6.121158	1.341634	0.03453241	K12H4.2	CE00267	WBGene00019877	status:Predicted SWP34523 protein_id:AAA28098.1
CELE0002S00009680	10.964004	11.436123	1.387145	0.01026043	C07H6.5	CE00839	WBGene00000479	locus:cgh-1 ATP-dependent RNA helicase status:Confirmed TR:Q85YF3 protein_id:AAK85443.1
CELE0002S00009690	6.942018	7.511842	1.484342	0.01942983	ZK632.1.1			
CELE0002S00009713	8.569135	7.010581	1.357985	0.01461029	F57B9.7a	CE31011	WBGene00018998	status:Partially_confirmed TR:Q8MQ18 protein_id:AAM48538.1
CELE0002S00009745	6.039323	6.544833	1.419428	0.03709427	Y111B2A.4	CE37278	WBGene00013730	status:Partially_confirmed TR:Q9BHL8 protein_id:CAC35834.2
CELE0002S00009758	8.214991	8.397975	1.13523	0.03136778	F47D12.1c	CE24987	WBGene00001518	locus:gar-2 G-protein-linked acetylcholine receptor GAR-2 status:Partially_confirmed TR:Q8MQ41 protein_id:AAM98012.1
CELE0002S00009793	8.368616	8.681742	1.242397	0.009231932	C45G9.13	CE30632	WBGene00016884	status:Confirmed TR:Q8MNU5 protein_id:AAM22049.1
CELE0002S00009854	8.074661	8.384083	1.239211	0.01514031	F47D12.4c	CE28234	WBGene00001972	locus:hmg-1.2 status:Confirmed SW:Q09390 protein_id:AAK67238.1
CELE0002S00009873	7.039362	7.516804	1.392273	0.004312338	C40H1.1	CE00109	WBGene00000770	locus:cpb-1 Ovarian protein (fy) status:Partially_confirmed SW:Q03571 protein_id:CAA79552.1
CELE0002S00009893	7.207048	7.718284	1.425271	0.01647911	F42H10.2	CE00164	WBGene00018368	status:Partially_confirmed SWP34415 protein_id:AAA28020.1
CELE0002S00009867	9.47952	9.874278	1.314722	0.002259158	Y111B2A.18.1	CE31089	WBGene00004700	rsp-3 TR:Q9NEW8
CELE0002S00009955	9.507385	9.942162	1.351702	0.009454932	Y39A1A.15d	CE34226	WBGene00000566	locus:cnt-2 status:Confirmed TR:Q7Z1J5 protein_id:CAD92399.1
CELE0002S00009997	6.531636	6.752683	1.165579	0.03256089	Y39A3CL.4b	CE26986	WBGene00021442	status:Partially_confirmed TR:Q965X2 protein_id:AAK68888.1
CELE0002S00010015	8.123646	8.260514	1.099516	0.0261884	F09F7.3	CE30853	WBGene00017300	status:Confirmed TR:Q27482 protein_id:AAA50695.2
CELE0002S00010021	5.518677	5.646671	1.092773	0.02694477	M01G4.1	CE02829	WBGene00019714	status:Predicted TR:Q21457 protein_id:AAK46537.1
CELE0002S00010032	9.511777	9.828156	1.245201	0.04277334	F06F7.8	CE01240	WBGene00017305	status:Confirmed TR:Q19279 protein_id:AAA50700.1

SEQ_ID	control	Expose	FoldChange	pvalue	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00010037	9.156326	9.880267	1.437878	0.02892379	T05G5.3.1	CE00315	WBGene00000405	cdk-1 TRP34558
CELE0002S00010039	8.184758	8.58693	1.321496	0.02472732	T05G5.3.2	CE00315	WBGene00000405	cdk-1 TRP34558
CELE0002S00010042	9.076434	9.539223	1.378204	0.002672498	T05G5.3.3	CE00315	WBGene00000405	cdk-1 TRP34558
CELE0002S00010059	4.528092	4.77011	1.182646	0.04166035	C29F9.10	CE08458	WBGene00016224	statusPartially_confirmed TR:Q9TZC1 protein_id:AAC86751.1
CELE0002S00010114	4.816103	5.100382	1.217802	0.04684878	F44E2.7b.1	CE30994	WBGene00018420	F44E2.7 TR:Q8MQ44
CELE0002S00010116	4.460769	4.725801	1.201663	0.03613262	F44E2.7b.2	CE30994	WBGene00018420	F44E2.7 TR:Q8MQ44
CELE0002S00010143	8.029311	8.51573	1.400963	0.01405764	T20B12.8.1			
CELE0002S00010156	6.581138	7.089837	1.403179	0.02060976	F58B2.5	CE34041	WBGene00010309	statusPartially_confirmed SWP34481 protein_id:CAA77584.2
CELE0002S00010159	7.093813	7.565892	1.388915	0.04138072	F58B2.7	CE00234	WBGene00004269	locusrab-6.1 Rab6 (ras protein) status:Confirmed SWP34213 protein_id:CAA77580.1
CELE0002S00010183	6.925193	7.497142	1.48653	0.001888346	T17E9.1b	CE32936	WBGene00002201	locuskin-18 status:Confirmed TR:Q8MPX1 protein_id:AAM97951.2
CELE0002S00010225	8.197069	8.671488	1.389359	0.04046177	W06E11.5a	CE28024	WBGene00021064	status:Confirmed TR:Q23203 protein_id:AAK29864.1
CELE0002S00010254	9.001275	9.210323	1.155925	0.03588904	T20B12.7	CE01413	WBGene00020804	status:Confirmed SW:P41847 protein_id:AAA19060.1
CELE0002S00010257	6.880014	7.296615	1.334779	0.02213629	T23G5.1.2	CE00331	WBGene00004391	rrv-1 TR:Q03804
CELE0002S00010294	7.257431	7.46193	1.152286	0.0222823	F26F4.11	CE04448	WBGene00017830	status:Confirmed SW:Q19828 protein_id:AAA91228.1
CELE0002S00010300	6.085068	6.389405	1.21785	0.03989602	Y54F10A.R2	CE35107	WBGene00021855	statusPartially_confirmed TR:Q9N3C2 protein_id:AAF59580.2
CELE0002S00010305	6.053909	6.540081	1.400723	0.0285947	T20G5.10	CE00629	WBGene00011872	statusPartially_confirmed SW:Q22616 protein_id:CAA83011.1
CELE0002S00010335	4.340333	4.709873	1.291941	0.002605986	Y1A5A.2	CE20176	WBGene00012380	statusPredicted TR:Q9XOT6 protein_id:CAA15979.1
CELE0002S00010405	10.799888	11.004045	1.152173	0.0401555	T28D6.3	CE16522	WBGene00012123	status:Confirmed TR:O18158 protein_id:CAB03448.1
CELE0002S00010429	5.495147	5.882736	1.308205	0.04751375	C18F10.5	CE33032	WBGene00005160	locusarg-2 TTM chemoreceptor, arg family statusPartially_confirmed SWP46571 protein_id:AAC47052.2
CELE0002S00010445	7.005619	7.464739	1.374703	0.01559446	T20H4.4	CE25120	WBGene00000080	locusadr-2 status:Confirmed SW:Q22618 protein_id:AAA50861.2
CELE0002S00010485	4.843866	5.205772	1.285123	0.03505227	C28A5.2	CE00676	WBGene00007789	statusPartially_confirmed TR:Q18270 protein_id:CAA83597.1
CELE0002S00010504	7.855788	8.129359	1.208798	0.009301367	Y56A3A.13	CE22580	WBGene00003594	locusnft-1 status:Confirmed SW:O78463 protein_id:CAB80517.1
CELE0002S00010518	6.491197	6.838025	1.107133	0.0313023	ZK353.8	CE00392	WBGene00022703	status:Confirmed SW:P34631 protein_id:AAA26198.1
CELE0002S00010524	6.26749	6.668493	1.320426	0.01589509	F37A4.2	CE00710	WBGene00018132	status:Confirmed SW:P41880 protein_id:AAA50830.1
CELE0002S00010535	8.861235	9.200117	1.284776	0.009584315	C16C10.4	CE01495	WBGene00007625	status:Confirmed SW:Q09250 protein_id:CAA86742.1
CELE0002S00010566	8.263361	8.789895	1.440265	0.01464604	B0393.6	CE33984	WBGene00007171	Zinc finger, C3HC4 type (RING finger) statusPartially_confirmed TR:Q17495 protein_id:CAA86059.2
CELE0002S00010593	6.687049	7.211474	1.43836	0.02818993	Y56A3A.33	CE24469	WBGene00013244	statusPartially_confirmed TR:Q9U220 protein_id:CAB80521.1
CELE0002S00010808	13.981777	14.112233	1.10992	0.03034285	H08D4.4a.1	CE20938	WBGene00008725	ubi-1 TR
CELE0002S00010808	13.932444	14.112858	1.133209	0.0000881	H08D4.4a.3	CE20938	WBGene00008725	ubi-1 TR
CELE0002S00010809	4.814992	5.051118	1.177826	0.03083408	F26F4.9a	CE31918	WBGene00017829	enkyrin and desmoplakin repeat regions status:Confirmed TR:Q19822 protein_id:AAK93849.2
CELE0002S00010842	7.26252	7.842263	1.494583	0.02809441	Y48E10.19	CE33878	WBGene00013038	locuscan-1 PH (pleckstrin homology) domain statusPartially_confirmed TR:Q9XIT4 protein_id:CAB11595.2
CELE0002S00010737	5.889954	6.343448	1.389353	0.04756187	C44F1.5	CE33567	WBGene00000070	locusacy-3 adenylyl cyclase statusPartially_confirmed TR:Q18628 protein_id:CAA88985.2
CELE0002S00010751	6.080984	6.648327	1.481792	0.006257125	C29E4.13	CE37482	WBGene00043051	statusPartially_confirmed TR:Q5WRU9 protein_id:AAU87828.1
CELE0002S00010775	12.534807	12.744036	1.156952	0.01380587	C14B9.10.2	CE30600	WBGene00015755	C14B9.10 TR:Q6MNV8
CELE0002S00010824	4.405436	4.512451	1.076998	0.0419426	W09D6.4	CE19018	WBGene00012357	statusPartially_confirmed TR:Q9XUJ5 protein_id:CAB04943.1
CELE0002S00010827	4.582648	4.843669	1.198328	0.02743258	Y47D3A.31	CE22031	WBGene00012937	status:Confirmed TR:Q7YWP8 protein_id:CAE18009.1
CELE0002S00010836	7.785657	8.276249	1.405021	0.007468118	Y43F4B.6	CE18631	WBGene00002229	locusklp-19 Kinesin motor domain statusPartially_confirmed TR:O45935 protein_id:CAA18335.1
CELE0002S00010850	7.983016	8.366838	1.304794	0.008176335	C38C10.2	CE08647	WBGene00008000	Sodium/W/phosphate transporter status:Confirmed SW:Q03567 protein_id:CAA79549.1
CELE0002S00010918	4.615048	5.168294	1.465351	0.01511009	W02B3.7	CE02079	WBGene00020927	statusPartially_confirmed SW:Q08343 protein_id:AAA84328.1
CELE0002S00010936	5.274202	5.708011	1.350795	0.02067124	F37A8.1	CE00986	WBGene00009501	statusPartially_confirmed TR:Q20111 protein_id:CAA84662.1
CELE0002S00010960	5.782746	6.205277	1.340277	0.0140395	H05C05.2b	CE32453	WBGene00019158	statusPartially_confirmed TR:Q8ITW5 protein_id:AAAN63402.1
CELE0002S00010974	13.837732	13.953544	1.083585	0.03910571	B0336.10.2	CE00778	WBGene00004435	rpl-23 TR:P48158
CELE0002S00011039	7.274922	7.715163	1.358831	0.005298688	F56C9.6	CE01325	WBGene00018950	statusPartially_confirmed TR:Q20863 protein_id:AAK18961.1
CELE0002S00011090	10.028361	10.189124	1.117878	0.003292979	ZK632.10	CE02385	WBGene00014017	status:Confirmed SW:P34655 protein_id:CAA80190.1
CELE0002S00011108	8.72545	9.131912	1.325431	0.04414297	C28H8.1	CE01820	WBGene00016192	statusPartially_confirmed SW:Q09242 protein_id:AAA82289.1
CELE0002S00011120	5.341401	5.733847	1.312435	0.02159313	C34C12.7	CE01515	WBGene00007928	statusPredicted SW:Q09271 protein_id:CAA87098.1
CELE0002S00011153	5.339033	5.891169	1.466255	0.02781697	Y66D12A.20	CE28799	WBGene00004960	locusspo-6 statusPartially_confirmed TR:Q95PZ9 protein_id:CAC70138.1
CELE0002S00011160	8.478488	8.808473	1.257	0.0256593	Y39A1A.1c	CE37799	WBGene00012641	status:Confirmed protein_id:CAI06057.1
CELE0002S00011162	11.092497	11.284764	1.142558	0.01474004	T28A5.9.2	CE00788	WBGene00001005	dic-1 TR:Q22799
CELE0002S00011185	7.106445	7.592017	1.400141	0.02786779	F42Q9.6a	CE30791	WBGene00018364	status:Confirmed TR:Q8MNS5 protein_id:AAM29894.1
CELE0002S00011206	5.542075	6.057531	1.429446	0.03383674	T24A11.1b	CE28087	WBGene00003476	locusmtm-3 status:Confirmed TR:Q9U360 protein_id:CAB81017.2
CELE0002S00011250	7.977193	8.463207	1.40057	0.01042232	F09G8.9	CE00144	WBGene00017323	statusPartially_confirmed SWP34394 protein_id:AAA28003.3
CELE0002S00011304	10.090335	10.42928	1.284831	0.02909603	R02F2.1b	CE29437	WBGene00019831	status:Confirmed TR:Q95Q01 protein_id:AAL08043.1
CELE0002S00011316	4.632975	5.073462	1.357082	0.04187858	T26A5.2a	CE00703	WBGene00020819	statusPartially_confirmed TR:Q22801 protein_id:AAK77505.1
CELE0002S00011329	13.38422	13.468291	1.080005	0.04431721	T27E9.1a.2	CE14263	WBGene00006439	tag-61 TR:O45885
CELE0002S00011380	8.538506	8.905419	1.28959	0.01646661	C07A9.2.1	CE00499	WBGene00007400	C07A9.2 TR:P34313
CELE0002S00011459	7.975029	8.32349	1.273202	0.02482558	F29B9.2b	CE27145	WBGene00017920	status:Confirmed TR:Q9BI87 protein_id:AAK29800.1
CELE0002S00011505	5.741161	6.073704	1.259231	0.02380606	Y9C9A.8	CE25657	WBGene00021178	statusPredicted TR:Q9N2T3 protein_id:AAF60932.1
CELE0002S00011509	6.570858	6.898998	1.255394	0.01596442	Y38F2A.R8	CE37283	WBGene00021428	statusPartially_confirmed TR:Q95XS7 protein_id:AAK88449.2

SEQ_ID	control	Expos	FoldChange	pvalue	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00011523	9.974548	10.395148	1.338484	0.02634598	F42A6.7b.1	CE31510	WBGene00001999	hrp-1 TR:Q95X69
CELE0002S00011525	9.836895	9.990454	1.11231	0.03219355	F42A6.7b.3	CE31510	WBGene00001999	hrp-1 TR:Q95X69
CELE0002S00011634	4.664845	5.00618	1.267104	0.04054668	Y116A8C.18	CE23327	WBGene00013795	status:Predicted TR:Q9U2V3 protein_id:CAB55124.1
CELE0002S00011672	7.285079	7.538423	1.183733	0.03111164	M01H9.1	CE34580	WBGene00019717	status:Partially_confirmed TR:Q94282 protein_id:AAB09142.2
CELE0002S00011690	4.702583	5.276354	1.488409	0.04238455	F07C6.1	CE05562	WBGene00004030	locus:pin-2 LIM domains status:Predicted SW:Q19157 protein_id:CAA93483.1
CELE0002S00011717	4.388339	4.908757	1.434371	0.04914857	Y116A8C.33	CE24151	WBGene00013809	status:Partially_confirmed TR:Q9U2S0 protein_id:CAB55157.1
CELE0002S00011728	4.592224	4.731512	1.101361	0.04731465	K02D7.8	CE29424	WBGene00001735	locus:grt-26 status:Partially_confirmed TR:Q95X43 protein_id:AAL06039.1
CELE0002S00011770	4.505262	4.80178	1.228177	0.02062582	F44D12.3	CE01192	WBGene00009880	status:Confirmed TR:Q27317 protein_id:CAA92599.1
CELE0002S00011792	5.335421	5.587654	1.191049	0.01839836	C09G12.5	CE16839	WBGene00015655	status:Partially_confirmed TR:O44457 protein_id:AAC25816.1
CELE0002S00011817	5.468975	6.00926	1.45426	0.03073914	F01D4.2	CE09154	WBGene00008486	UDP-glucuronosyltransferase status:Confirmed TR:O17757 protein_id:CAB02884.1
CELE0002S00011827	9.517149	9.585371	1.048424	0.04820116	Y54G2A.31	CE31852	WBGene00006708	locus:ubc-13 status:Confirmed TR:Q95XX0 protein_id:AAK93865.2
CELE0002S00011835	5.5895	6.066317	1.411097	0.04190488	F49C12.2	CE03362	WBGene00009872	status:Partially_confirmed TR:Q20580 protein_id:CAA92507.1
CELE0002S00011854	5.756115	5.951438	1.14498	0.01385023	C35B1.1	CE27822	WBGene00006701	locus:ubc-1 ubiquitin conjugating protein status:Confirmed SWP52478 protein_id:AAC02581.2
CELE0002S00011874	4.546105	5.044585	1.412724	0.02983736	F17E9.4	CE27971	WBGene00017541	status:Partially_confirmed TR:O61522 protein_id:AAC05104.2
CELE0002S00011897	5.300128	5.680733	1.301888	0.02943461	C06G3.4	CE07980	WBGene00015550	status:Predicted TR:Q17748 protein_id:AAB03134.1
CELE0002S00011923	7.281522	7.61312	1.258406	0.04284441	Y73B8BL.23	CE27530	WBGene00022244	status:Partially_confirmed TR:Q95XC9 protein_id:AAK68593.1
CELE0002S00011928	5.956809	6.475242	1.432399	0.0410477	ZK550.4	CE16735	WBGene00013998	status:Partially_confirmed TR:O62513 protein_id:CAB05314.1
CELE0002S00011955	4.278025	4.815365	1.451294	0.04733599	Y17G9A.6	CE35063	WBGene00008219	locus:str-175 7TM chemoreceptor, str family status:Partially_confirmed TR:Q9N481 protein_id:AAF60442.2
CELE0002S00011966	6.523408	6.891751	1.280869	0.03832417	Y73B8BL.32	CE29146	WBGene00003082	locus:lam-8 U6 small nuclear RNA-associated Sm-like protein LSm8 status:Confirmed TR:Q95XD4 protein_id:AAL00875.1
CELE0002S00011967	7.602581	8.056529	1.369784	0.0302073	Y73B8BL.33	CE30324	WBGene00022253	status:Confirmed TR:Q8MXR2 protein_id:AAM44389.1
CELE0002S00011971	9.432893	9.994278	1.47589	0.000581888	C09G4.3	CE03980	WBGene00001051	locus:cdm-6 cyclin-dependent kinase regulatory subunit status:Confirmed SW:Q17868 protein_id:AAF99869.1
CELE0002S00011980	9.496888	9.922004	1.34268	0.001020444	F15E8.3	CE16992	WBGene00017484	status:Confirmed TR:Q27285 protein_id:AAB92055.1
CELE0002S00012006	11.452835	11.688322	1.177304	0.03735355	C35B1.5.1	CE16903	WBGene00016435	C35B1.5 TR:O45060
CELE0002S00012008	11.408291	11.510279	1.073251	0.04175494	C35B1.5.2	CE16903	WBGene00016435	C35B1.5 TR:O45060
CELE0002S00012016	4.347628	4.435831	1.063045	0.04970072	Y10SC5B.1	CE35643	WBGene00013645	status:Partially_confirmed TR:Q9U318 protein_id:CAB60310.2
CELE0002S00012028	8.175015	8.243694	1.048756	0.04581258	Y57G11C.24a2			
CELE0002S00012045	4.647898	5.115604	1.382909	0.008099209	C49C3.1	CE18554	WBGene00004908	locus:snf-9 Sodium/neurotransmitter symporter family (2 domains) status:Partially_confirmed TR:Q9XUG5 protein_id:CAB05153.1
CELE0002S00012114	4.042043	4.304634	1.199631	0.00510328	T09A12.2a	CE31060	WBGene00020373	glutathione peroxidase status:Confirmed TR:O45183 protein_id:AAC04432.2
CELE0002S00012133	9.014391	9.40915	1.314723	0.0231487	Y73B8BL.5a	CE29147	WBGene00022234	status:Partially_confirmed TR:Q9U3L9 protein_id:CAB62792.1
CELE0002S00012139	4.532813	4.689353	1.114611	0.02637302	C47A4.1	CE19737	WBGene00008122	status:Predicted TR:Q9U3L9 protein_id:CAB62792.1
CELE0002S00012157	5.45232	5.985758	1.447374	0.03885489	Y57G11C.47	CE35124	WBGene00013338	status:Predicted TR:Q7YTI0 protein_id:CAE18030.1
CELE0002S00012194	6.741162	7.166497	1.342884	0.04784822	Y57G11C.50	CE37441	WBGene00023520	status:Confirmed TR:Q5WRK9 protein_id:CAH80779.1
CELE0002S00012230	7.7667	8.192522	1.352681	0.02482355	F35F11.1	CE37230	WBGene00018064	status:Partially_confirmed TR:Q9N5U5 protein_id:AAF39795.3
CELE0002S00012237	5.463303	5.855384	1.312285	0.02980022	Y41D4A.1	CE27618	WBGene00021504	status:Partially_confirmed TR:Q95Y21 protein_id:AAK68451.1
CELE0002S00012258	6.907524	7.476537	1.483508	0.01088184	ZK329.9	CE06657	WBGene00014097	glucose transporter status:Partially_confirmed TR:Q23626 protein_id:CAA98077.1
CELE0002S00012286	5.121714	5.378407	1.194737	0.03260224	Y24F12A.4	CE24195	WBGene00012499	status:Predicted TR:Q9U2Q5 protein_id:CAB80327.1
CELE0002S00012321	4.411989	4.595929	1.135982	0.01797856	Y76B12C.4	CE23061	WBGene00022298	status:Partially_confirmed TR:Q9N4C7 protein_id:AAF36065.1
CELE0002S00012379	4.741392	4.937607	1.145689	0.04982722	Y57G11C.1	CE14926	WBGene00001818	locus:haf-8 ABC transporter status:Predicted TR:O18227 protein_id:CAB16503.1
CELE0002S00012438	4.858726	5.240204	1.302676	0.04961029	Y55F3C.8	CE36754	WBGene00021951	locus:art-24 status:Partially_confirmed TR:Q95XWD protein_id:AAK72079.2
CELE0002S00012447	6.779943	7.080152	1.231323	0.01050014	C33D9.5	CE37808	WBGene00007899	Yeast RAD50 like protein status:Partially_confirmed TR:Q18378 protein_id:CAA92288.1
CELE0002S00012511	4.724425	5.166058	1.358141	0.02007046	H34C03.1	CE19499	WBGene00019268	status:Partially_confirmed TR:Q9TYT7 protein_id:AAC68976.1
CELE0002S00012545	6.873548	7.13477	1.198493	0.03647315	Y37E11B.6	CE19616	WBGene00021378	status:Partially_confirmed TR:Q9TYN1 protein_id:AAD12828.1
CELE0002S00012571	7.237554	7.384972	1.092337	0.03465351	Y45F10D.3	CE18642	WBGene00012894	Glycosyl transferases status:Partially_confirmed
CELE0002S00012582	10.063547	10.550321	1.401308	0.002211951	W03D2.4	CE37728	WBGene00003955	locus:pcn-1 cyclin status:Confirmed SW:O02115 protein_id:AAC48257.2
CELE0002S00012601	8.638036	9.035782	1.319276	0.01291183	C02B10.4.1	CE16801	WBGene00015329	C02B10.4 TR:O44444
CELE0002S00012603	7.795917	7.982333	1.137933	0.03471949	C02B10.4.2	CE16801	WBGene00015329	C02B10.4 TR:O44444
CELE0002S00012610	6.171428	6.732966	1.475842	0.0158083	C50F7.4	CE04242	WBGene00016844	succinyl-CoA synthetase beta chain status:Partially_confirmed SWP53589 protein_id:AAA83304.1
CELE0002S00012666	4.202778	4.520901	1.246707	0.01773197	C05C12.4	CE02967	WBGene00007336	status:Partially_confirmed TR:Q17649 protein_id:CAA92723.1
CELE0002S00012704	4.481367	4.809879	1.255543	0.04633449	F56H11.1b	CE26702	WBGene00001403	locus:fbf-1 fibrillin-1 (D-isoform) status:Confirmed SW:O77469 protein_id:CAC35827.1
CELE0002S00012846	12.795174	12.930704	1.098496	0.03886587	F26D10.3.1	CE09682	WBGene00002005	hsp-1 TRP09446
CELE0002S00012848	12.483971	12.884453	1.319949	0.003450575	F26D10.3.2	CE09682	WBGene00002005	hsp-1 TRP09446
CELE0002S00012850	12.395036	12.53039	1.098362	0.0412459	F26D10.3.3	CE09682	WBGene00002005	hsp-1 TRP09446
CELE0002S00012857	4.932243	5.268966	1.282902	0.0306977	F49E8.2	CE28407	WBGene00018636	status:Partially_confirmed TR:Q20629 protein_id:AAB03150.2
CELE0002S00012924	8.336344	8.831878	1.409841	0.03182508	JC8.6b	CE17990	WBGene00010438	status:Partially_confirmed TR:O62295 protein_id:CAB05228.1
CELE0002S00012967	7.25558	7.771321	1.429728	0.02765459	F58B3.6	CE08008	WBGene00010232	interferon-related protein PC4 like status:Partially_confirmed TR:Q20965 protein_id:CAA97798.1
CELE0002S00013094	5.870808	6.236955	1.288906	0.02521108	C09E9.1	CE08038	WBGene00007476	status:Confirmed SW:Q93198 protein_id:CAB02258.1
CELE0002S00013139	6.671158	7.140855	1.384819	0.02169249	C49H3.6b	CE29380	WBGene00016792	status:Partially_confirmed TR:Q95QR0 protein_id:AAL02471.1
CELE0002S00013145	7.879672	8.410772	1.445031	0.0282034	Y37A1B.1a.1			
CELE0002S00013160	5.467826	5.995067	1.44117	0.03165639	F02H6.2	CE17826	WBGene00008535	status:Partially_confirmed TR:O62129 protein_id:CAB05169.1

SEQ_ID	control	Expos	FoldChange	p.value	GENE_NAME	WB_Wormpop_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00013175	4.395758	4.877289	1.396225	0.04718315	Y43D4A.6	CE21879	WBGene00012792	status:Partially_confirmed TR:Q9NF25 protein_id:CAB80347.1
CELE0002S00013235	8.557418	8.775974	1.163588	0.04168726	Y38C1AA.7	CE25245	WBGene00021398	status:Confirmed TR:Q9N431 protein_id:AAF59485.1
CELE0002S00013263	4.336588	4.601248	1.201353	0.02033937	K07H8.7	CE18027	WBGene00019507	status:Predicted TR:Q45175 protein_id:AAC04422.1
CELE0002S00013306	6.550099	7.000887	1.366787	0.0180711	K08D10.1	CE28596	WBGene00019528	status:Predicted TR:P83384 protein_id:AAA98035.2
CELE0002S00013308	6.80781	6.959985	1.111244	0.02447362	K08D10.2	CE07354	WBGene00001033	locus:dj-15 status:Partially_confirmed TR:Q21324 protein_id:AAA98034.1
CELE0002S00013358	8.579189	8.821394	1.182799	0.04252042	T06A10.4	CE19581	WBGene00020287	status:Confirmed TR:Q965G8 protein_id:AAK73894.1
CELE0002S00013383	5.048679	5.36309	1.243504	0.04881743	Y57G11C.9c.2	CE28142	WBGene00013307	Y57G11C.9 TR:Q95Q12
CELE0002S00013398	7.680521	8.107697	1.383369	0.0023349	Y69A2AR.21	CE27517	WBGene00022092	status:Confirmed TR:Q95XJ1 protein_id:AAK88588.1
CELE0002S00013415	9.024166	9.488069	1.358395	0.04229467	Y94H6A.9b	CE33955	WBGene00022381	status:Confirmed TR:Q86DD7 protein_id:AAP31418.1
CELE0002S00013425	6.438654	6.787481	1.273525	0.03011886	Y69A2AR.1c	CE38364	WBGene00022074	status:Partially_confirmed TR:Q95XG3 protein_id:AAM15817.2
CELE0002S00013454	10.704335	10.929953	1.169278	0.02249664	F32B6.5	CE09880	WBGene00008056	locus:sss-1 status:Partially_confirmed TR:Q9XVP7 protein_id:CAB03038.1
CELE0002S00013458	7.818463	8.129979	1.241011	0.00794772	T12G3.6	CE08442	WBGene00011741	status:Partially_confirmed TR:Q22434 protein_id:CAA92980.1
CELE0002S00013508	6.665186	7.062225	1.316803	0.009136304	C09G9.2	CE35389	WBGene00007493	status:Partially_confirmed TR:Q17872 protein_id:CAA90972.2
CELE0002S00013536	4.77758	5.198863	1.337263	0.03582425	T27E7.9	CE35036	WBGene00012093	status:Predicted TR:Q7YWS1 protein_id:CAE17979.1
CELE0002S00013555	5.13156	5.458011	1.253925	0.02881693	C49C8.2	CE33571	WBGene00016768	status:Partially_confirmed TR:Q18706 protein_id:AAB03127.2
CELE0002S00013570	13.963527	14.056174	1.066325	0.03532939	Y62E10A.1.3			
CELE0002S00013816	4.498811	4.775549	1.211453	0.04778573	H02I12.2	CE18159	WBGene00010352	status:Predicted TR:Q45600 protein_id:CAB07216.1
CELE0002S00013818	4.796246	5.188454	1.3124	0.01744807	Y40H7A.9	CE21820	WBGene00012746	Cysteine protease status:Predicted TR:Q9XW98 protein_id:CAA22068.1
CELE0002S00013887	5.548915	5.90052	1.277749	0.04518651	T23E1.3	CE33838	WBGene00020730	status:Partially_confirmed TR:Q86FL9 protein_id:AAP13787.1
CELE0002S00013713	8.708873	9.25378	1.458926	0.005596649	W02A2.2	CE21232	WBGene00001390	locus:fer-6 status:Confirmed TR:Q9XUB7 protein_id:CAB05305.1
CELE0002S00013740	7.481057	7.975888	1.409158	0.03912517	F54E12.2.1	CE11083	WBGene00010061	F54E12.2 TR:O17550
CELE0002S00013765	7.249647	7.633425	1.304754	0.02423768	F28D1.1	CE05741	WBGene00009211	Yeast hypothetical protein YER2 like status:Partially_confirmed TR:Q19873 protein_id:CAA84597.1
CELE0002S00013778	4.928809	5.300243	1.293638	0.0113044	C49C3.8.1			
CELE0002S00013781	5.139736	5.675585	1.449795	0.04149569	C49C3.8.2			
CELE0002S00013789	7.442828	7.730587	1.220726	0.03740147	F08G5.1	CE05571	WBGene00008580	status:Confirmed TR:Q19220 protein_id:CAA94583.1
CELE0002S00013833	5.811766	6.291481	1.304468	0.008836472	Y73B6B.L.2	CE37734	WBGene00002033	locus:htp-2 status:Partially_confirmed TR:Q95XC8 protein_id:AAH83423.2
CELE0002S00013861	5.367445	5.81492	1.187128	0.04257197	D1048.2	CE32844	WBGene00008363	Zinc finger, C2H2 type status:Partially_confirmed TR:Q18933 protein_id:CAA92290.2
CELE0002S00013869	5.583479	5.998625	1.333434	0.02495358	Y37E11B.10c	CE33858	WBGene00021381	status:Partially_confirmed TR:Q86FM1 protein_id:AAP13784.1
CELE0002S00013872	9.417878	9.881132	1.378848	0.03501304	T07A9.13a	CE31598	WBGene00020300	status:Partially_confirmed TR:Q95X71 protein_id:AAK39288.2
CELE0002S00013874	9.180742	9.508819	1.255185	0.04532738	T07A9.13b	CE37788	WBGene00020300	status:Confirmed protein_id:AAV58861.1
CELE0002S00013885	8.379554	8.926433	1.460922	0.03465595	C08F8.3	CE30596	WBGene00007445	status:Confirmed TR:Q17829 protein_id:CAA97426.2
CELE0002S00013898	5.5881	5.829662	1.182272	0.03830854	C07C7.1	CE02982	WBGene00007411	status:Predicted TR:Q17779 protein_id:CAA92587.1
CELE0002S00013909	6.072187	6.591704	1.433475	0.04273141	K08E7.3	CE08147	WBGene00002368	locus:let-99 Domain found in Dishevelled, Egl-10, and Pleckstrin status:Partially_confirmed SW:Q21341 protein_id:CAB01225.1
CELE0002S00013924	5.499101	5.85887	1.28322	0.04124667	Y38H8A.2	CE18364	WBGene00012636	Zinc finger, C3HC4 type (RING finger) status:Partially_confirmed TR:Q62427 protein_id:CAA16348.1
CELE0002S00013927	5.311065	5.747284	1.353054	0.04053876	Y38H8A.4	CE18366	WBGene00012638	serine/threonine kinase status:Partially_confirmed TR:Q62424 protein_id:CAA16343.1
CELE0002S00013928	4.378928	4.883385	1.418589	0.03498724	ZC477.2	CE35146	WBGene00022617	serine/threonine specific protein phosphatase status:Partially_confirmed TR:Q23345 protein_id:AAK19008.2
CELE0002S00013968	4.137592	4.532322	1.314697	0.01238301	Y67H2A.5.9			
CELE0002S00014062	5.592031	6.066598	1.418697	0.0184419	K08B4.2	CE25940	WBGene00019514	status:Partially_confirmed TR:Q9TY96 protein_id:AAC88979.2
CELE0002S00014070	4.512705	4.895817	1.304152	0.03428085	K08B4.7	CE37255	WBGene00023486	status:Confirmed TR:Q888A2 protein_id:AAU05582.1
CELE0002S00014094	4.638136	4.954277	1.244994	0.03434992	B0478.3	CE06711	WBGene00015202	status:Partially_confirmed TR:Q17508 protein_id:AAA98725.1
CELE0002S00014101	6.636022	7.07075	1.351658	0.01044074	Y37E11AL.3a	CE27599	WBGene00021359	status:Confirmed TR:Q9N444 protein_id:AAF59453.2
CELE0002S00014112	5.461378	5.766221	1.235284	0.01393855	F13H10.3a	CE27959	WBGene00008774	Yeast YEH4 like protein status:Partially_confirmed SW:Q19425 protein_id:CAA8253.2
CELE0002S00014134	6.439626	6.843901	1.323424	0.04487589	ZK381.4.1	CE25688	WBGene00003992	pgl-1 TR:Q9TZQ3
CELE0002S00014166	6.707712	6.735589	1.019511	0.02722887	H08H21.6	CE33682	WBGene00019163	H08H21.6 TR:Q8WTJ4
CELE0002S00014218	4.433954	4.879688	1.362005	0.01132258	C49A9.3	CE31451	WBGene00016757	status:Partially_confirmed TR:Q44153 protein_id:AAK29791.2
CELE0002S00014238	4.846738	5.259983	1.331678	0.04094758	F55B11.5	CE36168	WBGene00010087	status:Predicted TR:Q7JKF1 protein_id:CAE54897.1
CELE0002S00014240	8.584139	7.082811	1.412717	0.01558611	T07A9.9c.3	CE33689	WBGene00020297	T07A9.9 TR:Q86FQ4
CELE0002S00014244	5.962822	6.399648	1.353623	0.001919758	F36H1.4e	CE28021	WBGene00002992	locus:lin-3 lin-3 growth factor precursor status:Confirmed SW:Q03345 protein_id:CAA21849.2
CELE0002S00014333	4.465647	4.711929	1.186146	0.04576714	Y38C1AB.6	CE25253	WBGene00021408	status:Predicted TR:Q9N2K9 protein_id:AAF60501.1
CELE0002S00014401	6.996262	7.315762	1.247889	0.04638755	F38H4.7.2	CE17807	WBGene00008415	tag-30 TR:Q20183
CELE0002S00014423	5.782534	6.32012	1.451542	0.04324158	T13F2.2	CE13621	WBGene00011743	single-stranded DNA binding protein P9 status:Confirmed SW:Q94045 protein_id:CAB03353.1
CELE0002S00014497	5.059642	5.325812	1.202811	0.04125226	F28E10.4	CE04461	WBGene00017902	status:Predicted TR:Q19883 protein_id:AAA81502.1
CELE0002S00014501	4.718006	4.998843	1.213216	0.02520638	T11B7.1	CE23978	WBGene00011706	status:Confirmed TR:Q22387 protein_id:CAA90987.2
CELE0002S00014504	10.232302	10.601431	1.291573	0.00522294	F42A6.7a.1	CE17059	WBGene00001999	hrp-1 TR:Q22037
CELE0002S00014507	10.133748	10.484131	1.274889	0.04120187	F42A6.7a.2	CE17059	WBGene00001999	hrp-1 TR:Q22037
CELE0002S00014522	7.689663	8.033719	1.287039	0.03206524	C01G5.6	CE23513	WBGene00015308	status:Partially_confirmed TR:Q17659 protein_id:AAD47115.1
CELE0002S00014555	5.120479	5.650689	1.444139	0.02591098	K08E4.2	CE03462	WBGene00010666	status:Confirmed TR:Q21333 protein_id:CAA92680.1
CELE0002S00014581	5.677067	5.958841	1.214005	0.04557779	Y62E10A.2.3	CE37578	WBGene00013373	Y62E10A.2 TR:Q9U1X8
CELE0002S00014590	7.792636	8.182354	1.310137	0.02613466	F55Q1.10	CE04501	WBGene00001935	locus:hia-61 Histone status:Partially_confirmed SW:P09588 protein_id:AAB00847.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_GeneID	DESCRIPTIONS
CELE0002S00014603	6.622181	7.206951	1.4998	0.03961963	C27B7.5	CE03034	WBGene00007782	Zinc finger, CCHC class status:Partially_confirmed TR:Q18244 protein_id:CAA90980.1
CELE0002S00014636	8.414873	8.60362	1.139773	0.03426962	C08E7.1a	CE03957	WBGene00015538	S-adenosylmethionine synthetase status:Partially_confirmed SW:P50305 protein_id:AAAB2280.1
CELE0002S00014673	6.317352	6.752063	1.35164	0.04852274	Y55F3AM.6a	CE25488	WBGene00021924	status:Partially_confirmed TR:Q9N373 protein_id:AAF60798.1
CELE0002S00014808	4.552608	4.753499	1.14941	0.03101826	C46A5.5	CE08755	WBGene00016701	status:Partially_confirmed TR:Q18640 protein_id:AAB03145.1
CELE0002S00014854	4.999425	5.268986	1.208277	0.04849816	F47C12.3	CE17836	WBGene00005433	locus:srh-223 7TM chemoreceptor, srh family status:Predicted TR:Q20530 protein_id:AAC24394.1
CELE0002S00014905	8.707401	8.949682	1.183009	0.04387615	B0035.4.2	CE05162	WBGene00007107	B0035.4 TR:Q17435
CELE0002S00014931	4.385688	4.542031	1.11446	0.04848133	Y118A8A.2	CE23308	WBGene00013773	status:Predicted TR:Q9U2W1 protein_id:CAB55164.1
CELE0002S00014958	5.900821	6.407478	1.420951	0.03059772	Y43C5A.5	CE19154	WBGene00006568	locus:thk-1 thymidine kinases status:Confirmed TR:Q9XXF3 protein_id:CAA19501.1
CELE0002S00014985	8.025917	8.351619	1.253274	0.02667131	F26D10.10.1			
CELE0002S00015069	4.966731	5.063343	1.16413	0.04206424	Y56F3AM.2	CE36416	WBGene00005903	locus:src-12 7TM chemoreceptor, src family status:Partially_confirmed TR:Q9N364 protein_id:AAF60794.2
CELE0002S00015089	5.387154	5.694448	1.237385	0.04132329	Y37E11A.3a	CE27604	WBGene00021370	status:Confirmed TR:Q965X9 protein_id:AAK68433.1
CELE0002S00015096	4.11756	4.21492	1.069814	0.02842735	C55C3.2	CE36587	WBGene00016952	status:Predicted TR:Q18868 protein_id:AA96172.2
CELE0002S00015141	10.881752	10.965364	1.059688	0.04935357	K11E8.1i	CE28059	WBGene00006779	locus:unc-43 calcium/calmodulin dependent protein kinase status:Confirmed TR:Q9N91 protein_id:CAC42380.1
CELE0002S00015195	4.663082	5.00179	1.284624	0.04099572	F23B2.10	CE09560	WBGene00009077	status:Partially_confirmed TR:Q45400 protein_id:CAB05176.1
CELE0002S00015242	6.7379	8.810908	1.051908	0.03064773	F32E10.2	CE04475	WBGene00017990	chromo domain of heterochromatin protein status:Confirmed TR:Q19972 protein_id:AAA83357.1
CELE0002S00015305	10.500357	10.99899	1.410917	0.00054198	Y73F8A.32	CE36252	WBGene00013538	status:Partially_confirmed TR:Q9NA42 protein_id:CAB60566.2
CELE0002S00015337	8.138155	8.458963	1.24903	0.02616981	C39E9.12	CE05395	WBGene00008035	status:Partially_confirmed TR:Q18546 protein_id:CAA94338.1
CELE0002S00015340	7.908298	8.358257	1.366001	0.01296923	C39E9.13	CE05396	WBGene00004339	locus:rhc-3 Human activator 1 38 KD subunit like status:Confirmed TR:Q18547 protein_id:CAA94339.1
CELE0002S00015360	5.593793	6.138088	1.458308	0.01701733	Y45F10C.3	CE16637	WBGene00012879	status:Partially_confirmed TR:Q82474 protein_id:CAB16478.1
CELE0002S00015407	7.476808	7.845754	1.124393	0.04464742	F16B4.7	CE17017	WBGene00017509	status:Partially_confirmed TR:Q44629 protein_id:AAB94238.1
CELE0002S00015435	8.137327	8.650808	1.42749	0.02080684	K07C11.2	CE21025	WBGene00000098	locus:slr-1 protein kinase status:Confirmed TR:Q21271 protein_id:AAA98180.2
CELE0002S00015446	7.444967	7.949364	1.41853	0.0387236	Y47D7A.1	CE22054	WBGene00004813	locus:skr-7 status:Confirmed TR:Q9N3U8 protein_id:AAF60641.1
CELE0002S00015533	4.371284	4.778979	1.326565	0.01974712	R02C2.5	CE35356	WBGene00006172	locus:str-121 7TM chemoreceptor, str family status:Partially_confirmed TR:Q44544 protein_id:AAC48230.2
CELE0002S00015612	4.663898	4.979762	1.244757	0.0235488	T05G11.3	CE18932	WBGene00005773	locus:src-26 7TM chemoreceptor, src family status:Predicted TR:Q9XXJ9 protein_id:CAA19431.1
CELE0002S00015634	4.682134	4.838483	1.130021	0.04579447	C33G8.1	CE34730	WBGene00005874	locus:src-127 7TM chemoreceptor, src family status:Predicted TR:Q18402 protein_id:AAC25847.2
CELE0002S00015639	5.116935	5.430249	1.242559	0.01138714	C33G8.3	CE08912	WBGene00016361	status:Partially_confirmed TR:Q18400 protein_id:AAC25849.1
CELE0002S00015680	4.520957	4.920052	1.31888	0.02404267	C03A7.11	CE32564	WBGene00015369	status:Partially_confirmed TR:Q18506 protein_id:AAB66005.2
CELE0002S00015696	7.183338	7.638111	1.370587	0.02608035	ZC286.1	CE07580	WBGene00022584	status:Partially_confirmed TR:Q23254 protein_id:AAA98102.1
CELE0002S00015722	4.159019	4.407451	1.187915	0.02592833	C12D8.4	CE05288	WBGene00007535	Transferrin-like family status:Predicted TR:Q17937 protein_id:CAA98234.1
CELE0002S00015723	4.753	4.922058	1.124324	0.04159349	F16B4.12b	CE30758	WBGene00003707	locus:nhr-117 status:Confirmed TR:Q44638 protein_id:AAK68332.2
CELE0002S00015726	4.834459	4.899618	1.0462	0.04375742	F14F8.1	CE18585	WBGene00006125	locus:src-61 status:Predicted TR:Q9XU38 protein_id:CAB07184.1
CELE0002S00015764	4.851814	5.287906	1.352935	0.03343337	C50H2.10	CE30127	WBGene00008244	status:Predicted TR:Q8WQ00 protein_id:CAD21702.1
CELE0002S00015788	5.918332	6.284882	1.289248	0.04435499	F41E8.9	CE10260	WBGene00018290	status:Partially_confirmed TR:Q18458 protein_id:AAB65951.1
CELE0002S00015796	8.51525	8.974626	1.374947	0.02529482	K01D12.1	CE06040	WBGene00010461	status:Partially_confirmed TR:Q21090 protein_id:CAA99887.1
CELE0002S00015810	4.369218	4.775513	1.326187	0.03899413	F44E7.3	CE10400	WBGene00018425	status:Predicted TR:Q18248 protein_id:AAC25788.1
CELE0002S00015941	4.498805	4.875163	1.299802	0.03652915	F15H10.9	CE37825	WBGene00044013	status:Predicted
CELE0002S00015960	4.389196	4.699169	1.239884	0.02892512	T26E4.15	CE38209	WBGene00012055	7 transmembrane receptor (rhodopsin family) status:Partially_confirmed TR:Q45831 protein_id:CAB03426.2
CELE0002S00016033	4.539667	4.891316	1.276018	0.02123593	Y50D4B.7	CE26137	WBGene00021746	status:Predicted TR:Q9N4T3 protein_id:AAF58492.2
CELE0002S00016038	4.477823	4.943818	1.38127	0.03784191	W06G8.8	CE19012	WBGene00005824	locus:src-77 7TM chemoreceptor, src family status:Predicted TR:Q9XU69 protein_id:CAB05643.1
CELE0002S00016077	6.366243	6.497716	1.072868	0.04370531	F32G8.5	CE05794	WBGene00000725	locus:col-152 collagen status:Partially_confirmed TR:Q19979 protein_id:CAA98649.1
CELE0002S00016109	4.394057	4.683089	1.22182	0.04468875	W03F9.3	CE35797	WBGene00021001	status:Partially_confirmed TR:Q16996 protein_id:AAG24201.2
CELE0002S00016118	7.468238	7.954894	1.401193	0.02438078	T07C12.9	CE21180	WBGene00011573	N-methyltransferase status:Partially_confirmed TR:Q22279 protein_id:CAA98282.1
CELE0002S00016179	6.221505	6.600082	1.355267	0.03585783	F57Q4.8	CE18773	WBGene00010212	status:Predicted TR:Q9XUX2 protein_id:CAB04510.1
CELE0002S00016205	4.927923	5.205007	1.211743	0.03062989	Y43F8C.4	CE34119	WBGene00012826	status:Partially_confirmed TR:Q9XWN2 protein_id:CAA21619.2
CELE0002S00016350	5.730179	6.180403	1.347443	0.0221214	ZC142.1	CE15054	WBGene00022528	locus:srt-13 status:Predicted TR:Q23072 protein_id:AAB04845.1
CELE0002S00016385	4.716031	4.994015	1.212499	0.04700565	F59A1.7	CE18791	WBGene00010293	status:Predicted TR:Q9XUW2 protein_id:CAB04531.1
CELE0002S00016398	4.628682	5.070328	1.358153	0.04276888	ZC443.5	CE30714	WBGene00013900	UDP-glucuronosyltransferase status:Partially_confirmed TR:Q23323 protein_id:CAA99950.2
CELE0002S00016408	5.261687	5.724846	1.378557	0.01774233	K04A8.9	CE11716	WBGene00005004	locus:src-19 status:Predicted TR:Q94256 protein_id:AAC48055.1
CELE0002S00016424	7.581472	7.949537	1.290821	0.007070438	T19B10.11	CE16417	WBGene00003509	locus:mxl-1 Helix-loop-helix DNA-binding domain status:Confirmed TR:P90982 protein_id:CAA98543.1
CELE0002S00016484	9.493804	9.880541	1.307433	0.01630878	F41F3.4	CE07218	WBGene00000712	locus:col-139 cuticle collagen status:Confirmed TR:Q20282 protein_id:AAA97982.1
CELE0002S00016485	4.319703	4.631982	1.241868	0.01941738	F41F3.5	CE38844	WBGene00005966	locus:src-75 7TM chemoreceptor, src family status:Predicted TR:Q20284 protein_id:AAA97984.2
CELE0002S00016497	7.720892	7.978158	1.195212	0.04885844	Y40B10A.8	CE31110	WBGene00003676	locus:nhr-88 status:Confirmed SW:Q985W2 protein_id:AAK70663.4
CELE0002S00016580	4.504639	4.894822	1.31058	0.0207694	F54B8.2	CE18104	WBGene00010017	Ligand-binding domain of nuclear hormone receptors status:Partially_confirmed TR:Q45560 protein_id:CAB07624.1
CELE0002S00016819	3.981098	4.384293	1.304229	0.001255814	R03H4.4	CE07407	WBGene00019850	locus:srt-18 status:Predicted TR:Q21686 protein_id:AAC48103.1
CELE0002S00016834	10.840636	11.12291	1.396944	0.03760153	ZC404.7	CE07597	WBGene00022602	status:Predicted TR:Q23286 protein_id:AAA97962.1
CELE0002S00016842	4.867441	5.097072	1.172535	0.02863143	C09H5.7	CE35227	WBGene00015681	phosphatase status:Partially_confirmed TR:Q16334 protein_id:AAB65388.2
CELE0002S00016857	5.149497	5.654646	1.41927	0.02411676	F36G8.14	CE15991	WBGene00009490	status:Partially_confirmed TR:Q45480 protein_id:CAB04341.1
CELE0002S00016792	5.106876	5.399982	1.225275	0.04410695	Y6E2A.7	CE16583	WBGene00012400	status:Partially_confirmed TR:Q45974 protein_id:CAA15688.1
CELE0002S00016816	5.335458	5.419113	1.059699	0.02222132	F16B4.2b	CE36928	WBGene00017504	status:Partially_confirmed TR:Q6EZQ9 protein_id:AA76899.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00016825	4.693134	4.932243	1.180264	0.01418689	F40G12.15	CE37835	WBGene00044002	status:Predicted
CELE0002S00016833	6.659207	7.223087	1.478239	0.01872912	F28C1.1	CE20729	WBGene00009200	status:Partially_confirmed TR:Q19854 protein_id:CAA99843.1
CELE0002S00016902	4.270047	4.388044	1.085227	0.02794251	F09F3.7	CE36290	WBGene00006025	locus:srx-134 7TM receptor, srx family status:Predicted TR:P90821 protein_id:CAB02905.2
CELE0002S00016914	4.238579	4.843374	1.323901	0.03557771	F47G9.2	CE18061	WBGene00008189	locus:str-141 status:Predicted TR:Q20547 protein_id:CAA98484.1
CELE0002S00016999	11.797921	12.288796	1.405297	0.02164977	C47E8.5.1	CE05441	WBGene00000915	daf-21 TR:Q18688
CELE0002S00017001	11.911368	12.373084	1.377179	0.008715132	C47E8.5.2	CE05441	WBGene00000915	daf-21 TR:Q18688
CELE0002S00017004	11.687773	12.119503	1.367879	0.01328164	C47E8.5.3	CE05441	WBGene00000915	daf-21 TR:Q18688
CELE0002S00017052	4.043095	4.302432	1.196929	0.02014346	F45D3.1	CE10468	WBGene00009721	status:Predicted TR:Q20424 protein_id:CAB01504.1
CELE0002S00017097	8.179381	8.638326	1.374536	0.03419401	C55H1.2	CE27889	WBGene00001672	locus:gpa-10 guanine nucleotide-binding protein status:Confirmed SW:Q9BG4 protein_id:AAA97888.2
CELE0002S00017132	6.191881	6.39278	1.149414	0.02128913	C55A1.15	CE38476	WBGene00008329	status:Predicted
CELE0002S00017150	5.00514	5.482442	1.372972	0.02844388	K03D7.6	CE18220	WBGene00005337	locus:srh-118 status:Predicted TR:Q45651 protein_id:CAB04557.1
CELE0002S00017163	8.919187	7.327155	1.326816	0.01707289	C55A6.1	CE37817	WBGene00008330	Zinc finger, C3HC4 type (RING finger) status:Confirmed TR:O17719 protein_id:CAB02861.1
CELE0002S00017178	5.872926	6.337787	1.380184	0.004877033	T03D8.1a	CE18918	WBGene00003830	locus:num-1 Phosphotyrosine interaction domain (PTB/PID), status:Confirmed SW:Q9XTY6 protein_id:CAB07405.1
CELE0002S00017210	5.857891	6.295002	1.35389	0.04348924	F14H3.12	CE35483	WBGene00008831	status:Partially_confirmed TR:Q45370 protein_id:CAB05490.2
CELE0002S00017231	5.068722	5.331099	1.199453	0.04502955	C04E6.2	CE07907	WBGene00015419	status:Partially_confirmed TR:O01473 protein_id:AAK39148.1
CELE0002S00017358	6.508844	7.077946	1.483809	0.03489569	C18D9.3	CE32801	WBGene00015858	status:Partially_confirmed TR:Q22897 protein_id:AAB18282.2
CELE0002S00017366	6.077756	6.152412	1.05311	0.04014252	C50C10.1	CE05459	WBGene00005700	locus:sru-37 status:Predicted TR:Q18735 protein_id:CAA94829.1
CELE0002S00017368	5.424156	5.848742	1.342187	0.01758386	C50C10.3	CE05461	WBGene00005693	locus:sru-30 status:Predicted TR:Q18730 protein_id:CAA96609.1
CELE0002S00017373	4.649529	5.217768	1.482713	0.03345452	R07B5.3	CE34582	WBGene00005703	locus:sru-40 status:Predicted TR:Q21784 protein_id:CAA96683.2
CELE0002S00017377	6.129753	6.687923	1.452129	0.01702499	F17C11.11	CE26809	WBGene00008922	status:Partially_confirmed TR:Q9B97 protein_id:CAC35886.1
CELE0002S00017383	5.281807	5.84228	1.474753	0.02315392	F17C11.13	CE37352	WBGene00023503	status:Predicted TR:Q5WRN7 protein_id:CAH00788.1
CELE0002S00017384	4.977807	5.501334	1.437465	0.03090919	C27A7.3	CE27738	WBGene00007765	Human plasma-cell membrane glycoprotein PC-1 like status:Partially_confirmed TR:P90769 protein_id:CAB02786.2
CELE0002S00017402	4.819273	5.134088	1.243835	0.03655369	Y20C6A.2	CE20200	WBGene00012492	status:Partially_confirmed TR:Q9XKS3 protein_id:CAA16305.1
CELE0002S00017416	4.343484	4.664314	1.249049	0.04478001	T08G3.10	CE18941	WBGene00005782	locus:sw-35 7TM chemoreceptor, swr family status:Predicted TR:Q9XU48 protein_id:CAB05799.1
CELE0002S00017439	6.463295	6.847455	1.3051	0.04448041	W04E12.1	CE18996	WBGene00012246	status:Partially_confirmed TR:Q9XUL5 protein_id:CAB04911.1
CELE0002S00017480	10.682041	10.968811	1.235222	0.0238564	Y51A2D.20	CE32532	WBGene00013084	status:Partially_confirmed TR:Q8H4C8 protein_id:CAD56613.1
CELE0002S00017645	5.006591	5.506861	1.414282	0.02944571	C36C5.9	CE08598	WBGene00016478	locus:srt-72 status:Predicted TR:Q8ITZ4 protein_id:AAH73879.1
CELE0002S00017686	5.353111	5.5918	1.17992	0.03468547	C18G1.3	CE17419	WBGene00015982	status:Predicted TR:O61921 protein_id:AAC17758.1
CELE0002S00017741	6.064132	6.821939	1.47203	0.04478334	Y32G9A.11	CE32242	WBGene00021308	status:Predicted TR:Q8MXQ8 protein_id:AAM48554.2
CELE0002S00017768	4.453912	4.788176	1.258988	0.02832283	F58D6.6	CE11486	WBGene00019107	status:Predicted TR:O16342 protein_id:AAB85881.1
CELE0002S00017784	8.6439	9.102007	1.373738	0.02989105	F58G4.1	CE07306	WBGene00019084	myosin status:Partially_confirmed TR:Q21000 protein_id:AAG24132.1
CELE0002S00017821	6.832289	7.282449	1.366211	0.03020705	F35F10.7	CE09932	WBGene00018057	status:Partially_confirmed TR:Q9GYU2 protein_id:AAF99932.1
CELE0002S00017886	6.090125	6.530556	1.35701	0.02889849	F58G11.3	CE11404	WBGene00010281	status:Partially_confirmed TR:P90898 protein_id:CAB03154.1
CELE0002S00017894	8.444139	9.014741	1.485143	0.001818019	T20D4.15	CE13806	WBGene00020820	status:Partially_confirmed TR:P91460 protein_id:AAB37582.1
CELE0002S00017925	5.146058	5.413166	1.203393	0.04239533	H10D18.4	CE20962	WBGene00019179	extracellular protein status:Confirmed TR:Q9N5N4 protein_id:AAF39876.1
CELE0002S00017980	4.277849	4.496834	1.163914	0.03664313	Y108G3AL.6.1	CE29605	WBGene00022437	Y108G3AL.6 TR:Q95Y34
CELE0002S00017982	4.595557	4.928141	1.259267	0.0300092	Y108G3AL.6.2	CE29605	WBGene00022437	Y108G3AL.6 TR:Q95Y34
CELE0002S00018058	4.803179	5.061017	1.195686	0.03834235	R04B5.1	CE08212	WBGene00011001	status:Predicted TR:Q21699 protein_id:CAA94838.1
CELE0002S00018088	5.149712	5.495893	1.271191	0.02008109	T13F3.3	CE35617	WBGene00003717	locus:nhr-127 Zinc finger, C4 type (two domains) status:Partially_confirmed TR:O18087 protein_id:CAB07671.2
CELE0002S00018184	4.544611	4.837264	1.224891	0.04625592	F31F4.17	CE09837	WBGene00017983	status:Predicted TR:O17127 protein_id:AAQ24094.1
CELE0002S00018200	5.522667	5.987075	1.379751	0.005390297	W06H8.8a	CE31088	WBGene00006436	locus:tag-58 status:Partially_confirmed TR:Q8MXU5 protein_id:AAM48553.1
CELE0002S00018233	5.176124	5.665331	1.403673	0.03094068	T21H3.5	CE13906	WBGene00020684	status:Partially_confirmed TR:O16308 protein_id:AAB65366.1
CELE0002S00018283	6.295905	6.810362	1.243544	0.04072355	C50F4.12	CE05476	WBGene00008236	status:Partially_confirmed TR:O18746 protein_id:CAA94746.1
CELE0002S00018291	6.737053	7.244901	1.421928	0.04036233	C54D10.11	CE34775	WBGene00008305	status:Predicted TR:Q7YX68 protein_id:CAE17742.1
CELE0002S00018358	4.998675	5.340211	1.267105	0.04421992	F57A8.5	CE34036	WBGene00010180	Zinc finger, C4 type (two domains) status:Partially_confirmed TR:Q20816 protein_id:CAA94833.2
CELE0002S00018444	4.887045	5.256108	1.291514	0.03081222	F15E11.11	CE17008	WBGene00017497	status:Predicted TR:O44603 protein_id:AAB94207.1
CELE0002S00018478	6.192609	6.387454	1.144801	0.0498188	T22G5.7	CE13994	WBGene00004997	locus:spp-12 status:Partially_confirmed TR:Q9XV15 protein_id:CAB03392.1
CELE0002S00018562	5.572977	6.000181	1.344825	0.03477274	Y116F11B.6	CE24168	WBGene00013822	status:Predicted TR:Q9NEK3 protein_id:CAB81974.1
CELE0002S00018615	5.432839	5.757349	1.252239	0.04846931	M162.1	CE18891	WBGene00010927	status:Partially_confirmed TR:Q9XUD0 protein_id:CAB05253.1
CELE0002S00018668	6.051015	6.563433	1.426439	0.008147212	K07B1.3	CE28591	WBGene00006729	locus:ucp-4 proton-channel protein status:Partially_confirmed TR:O01883 protein_id:AAB54239.2
CELE0002S00018706	4.531487	5.055849	1.438297	0.0231135	F07G11.9	CE09229	WBGene00017233	status:Partially_confirmed TR:O18237 protein_id:AAQ24054.1
CELE0002S00018730	4.798591	5.168591	1.292353	0.04931339	T16G1.4	CE20074	WBGene00011798	status:Partially_confirmed TR:Q9XUP7 protein_id:CAB04728.1
CELE0002S00018792	4.547157	4.848271	1.230389	0.03777202	T09D3.7	CE33313	WBGene00005184	locus:arg-27 7TM chemoreceptor, arg family status:Predicted TR:Q86B33 protein_id:AAQ25999.1
CELE0002S00018836	4.345591	4.861399	1.429795	0.02309455	C55A1.5	CE15737	WBGene00006090	locus:str-23 status:Predicted TR:O17716 protein_id:CAB04010.1
CELE0002S00018868	6.995576	7.421318	1.343263	0.02627269	Y39H10A.7b	CE33867	WBGene00000498	locus:chk-1 status:Confirmed TR:Q86FM7 protein_id:AAP13758.1
CELE0002S00018922	4.702802	4.959521	1.194758	0.02027125	K08G2.5	CE34491	WBGene00005364	locus:srh-148 status:Predicted TR:Q93867 protein_id:CAB03192.2
CELE0002S00018962	4.218667	4.407451	1.139803	0.01618811	T26H8.4	CE33842	WBGene00012072	status:Predicted TR:Q86CZ6 protein_id:CAD89759.1
CELE0002S00018977	5.52916	6.07683	1.461723	0.04328565	T23D5.11	CE16451	WBGene00006076	locus:str-8 7TM receptor status:Predicted TR:O45802 protein_id:CAB04814.1
CELE0002S00019016	4.340333	4.598997	1.19637	0.03784121	T27B7.4	CE35785	WBGene00003705	locus:nhr-115 zinc finger protein status:Confirmed SW:O16682 protein_id:AAF02171.2

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00019031	11.969577	12.244086	1.209582	0.008810874	T04C12.6.1	CE13148	WBGene00000063	act-1 TR:P10983
CELE0002S00019035	5.769285	6.043049	1.208958	0.03383246	Y32G9A.9	CE26755	WBGene00021306	status:Predicted TR:Q9BPN2 protein_id:AAG53700.1
CELE0002S00019046	5.299455	5.65533	1.288663	0.0363562	F11A5.13	CE15791	WBGene00008679	status:Partially_confirmed TR:O17783 protein_id:CAB07351.1
CELE0002S00019052	4.922823	5.190364	1.203754	0.03716071	C25F9.1	CE31883	WBGene00005832	locus:srcw-85 7TM chemoreceptor, srcw family status:Partially_confirmed TR:O62077 protein_id:CAB03921.2
CELE0002S00019089	4.181134	4.459371	1.212712	0.03574512	R11D1.2	CE06307	WBGene00011243	status:Partially_confirmed TR:Q21935 protein_id:CAA99902.1
CELE0002S00019097	9.013096	9.463758	1.366667	0.000155318	K03B4.7a	CE28581	WBGene00019357	status:Confirmed TR:Q21175 protein_id:AAA97999.2
CELE0002S00019109	4.718849	4.976814	1.195957	0.03700661	E02C12.6	CE34289	WBGene00017092	status:Partially_confirmed TR:Q19030 protein_id:AAA83463.2
CELE0002S00019122	5.394164	5.499102	1.075448	0.02697125	Y5H2B.3	CE21320	WBGene00021185	status:Partially_confirmed TR:Q9N4Q9 protein_id:AAF59633.1
CELE0002S00019193	4.481897	4.772299	1.222981	0.04293861	F47D2.10	CE35315	WBGene00005407	locus:src-194 7TM chemoreceptor, src family status:Partially_confirmed TR:Q9GS02 protein_id:AAG24118.2
CELE0002S00019236	4.535438	4.846396	1.240531	0.03969404	C38C3.2	CE08638	WBGene00005890	locus:src-27 7TM chemoreceptor, src family status:Partially_confirmed TR:O17077 protein_id:AAB70333.1
CELE0002S00019273	4.248575	4.649093	1.319982	0.03562652	ZK287.9	CE35158	WBGene00013968	status:Predicted TR:Q7YWN0 protein_id:CAE18045.1
CELE0002S00019345	8.13591	8.449924	1.243182	0.02699989	Y57E12AL.1b	CE29891	WBGene00021956	status:Partially_confirmed TR:Q95XV4 protein_id:AAL27257.1
CELE0002S00019346	7.3815	7.744023	1.285672	0.03644686	C10G8.8b.1	CE32584	WBGene00015684	C10G8.8 TR:Q8I716
CELE0002S00019356	8.257268	8.817181	1.47418	0.005738351	B0348.6b	CE27570	WBGene00002061	locus:ife-3 status:Partially_confirmed SW:O61955 protein_id:AAK68676.1
CELE0002S00019358	5.022896	5.450953	1.34542	0.04082266	B0348.6c	CE30590	WBGene00002061	locus:ife-3 status:Partially_confirmed SW:O61955 protein_id:AAM22022.1
CELE0002S00019376	5.380865	5.833046	1.387397	0.03304014	C18C4.1	CE36271	WBGene00015964	status:Partially_confirmed TR:Q18083 protein_id:AAK52178.2
CELE0002S00019425	8.138926	8.485371	1.271424	0.01315326	T10C6.6b.1	CE23985	WBGene00011888	T10C6.6 TR:Q9U372
CELE0002S00019484	5.41083	5.689494	1.19637	0.0431013	T11F9.8	CE06418	WBGene00003541	locus:nas-22 zinc metalloprotease status:Partially_confirmed TR:Q22398 protein_id:CAA98530.1
CELE0002S00019543	6.785845	7.176413	1.310909	0.03998499	T22F3.11a.1			
CELE0002S00019586	4.651454	5.167025	1.42956	0.03227127	Y97E10B.3	CE26324	WBGene00022405	status:Predicted TR:Q965R7 protein_id:AAK71413.1
CELE0002S00019625	5.561005	5.917639	1.280435	0.0283793	F31F4.2	CE36539	WBGene00005914	locus:src-23 7TM chemoreceptor, src family status:Predicted TR:O17138 protein_id:AAG24088.2
CELE0002S00019675	4.729775	4.93619	1.153817	0.03197149	T11F9.2a	CE31993	WBGene00006486	locus:tag-140 status:Partially_confirmed TR:Q814G0 protein_id:CAD54157.1
CELE0002S00019679	5.530871	5.968586	1.354457	0.0493376	Y17D7B.6	CE18595	WBGene00012454	Lectin C-type domain status:Predicted TR:O62408 protein_id:CAA16303.1
CELE0002S00019689	6.443085	6.846239	1.151212	0.02983767	K03B4.7b.1			
CELE0002S00019738	6.31793	6.722032	1.323265	0.00729829	T01C3.1	CE12908	WBGene00011318	WD domain, G-beta repeats status:Partially_confirmed TR:Q22059 protein_id:CAB01683.1
CELE0002S00019746	6.323013	6.816371	1.407718	0.03403482	K02E11.4	CE11850	WBGene00010513	status:Partially_confirmed TR:Q21140 protein_id:CAB01218.1
CELE0002S00019759	7.353868	7.802239	1.462433	0.03508005	C01G10.8	CE07817	WBGene00007235	status:Confirmed TR:Q93188 protein_id:CAB02710.1
CELE0002S00019781	4.322866	4.699039	1.298074	0.02750838	K02E11.9	CE34913	WBGene00010518	status:Predicted TR:Q7YWY9 protein_id:CAE17881.1
CELE0002S00019782	7.487054	7.947637	1.376098	0.04097356	T01C3.9	CE12924	WBGene00011324	status:Partially_confirmed TR:Q22058 protein_id:CAB01862.1
CELE0002S00019808	4.543592	5.032094	1.402987	0.04092041	T28A11.18	CE14313	WBGene00020880	status:Predicted TR:P91516 protein_id:AAC48130.1
CELE0002S00019836	7.352745	7.936816	1.499073	0.02414433	C34D1.4	CE23568	WBGene00007931	status:Partially_confirmed TR:Q18433 protein_id:CAB01488.2
CELE0002S00019837	4.578077	5.028885	1.366616	0.03543225	C34D1.5	CE18541	WBGene00007932	Basic region plus leucine zipper transcription factor status:Partially_confirmed TR:Q9XTJ2 protein_id:CAA18350.1
CELE0002S00019847	10.884413	11.08088	1.129956	0.04401174	T19C4.7	CE27777	WBGene00003771	locus:nlp-33 status:Confirmed TR:Q95ZN4 protein_id:CAC42343.1
CELE0002S00019890	4.421673	4.845083	1.341084	0.03139165	T10H4.5	CE33828	WBGene00005763	locus:srcw-16 7TM chemoreceptor, srcw family status:Predicted TR:O45776 protein_id:CAB07275.1
CELE0002S00019903	7.340345	7.683979	1.268949	0.0364352	K07C6.2	CE17173	WBGene00019470	locus:cyp-35B3 cytochrome P450 status:Partially_confirmed TR:O44652 protein_id:AAB94245.1
CELE0002S00019927	4.576669	4.749	1.126878	0.03683963	F35F10.14	CE35866	WBGene00018063	status:Partially_confirmed TR:Q9GYT1 protein_id:AAF99927.2
CELE0002S00019932	4.246121	4.617441	1.293536	0.03028789	C54F6.12	CE35259	WBGene00018929	status:Partially_confirmed TR:O18450 protein_id:AAQ24014.2
CELE0002S00019950	11.217723	11.501584	1.217449	0.01744407	T03E6.7	CE16333	WBGene00000776	locus:ccpl-1 cathepsin-like protease status:Confirmed TR:O45734 protein_id:CAB07275.1
CELE0002S00019974	8.135599	8.809929	1.389273	0.01427997	T27E4.2	CE14249	WBGene00002017	locus:hsp-18.11 heat shock protein HSP16-1 status:Confirmed SW:P34686 protein_id:AAB04842.1
CELE0002S00019985	6.802826	7.227775	1.342711	0.02555141	T27E4.8	CE14249	WBGene00002015	locus:hsp-18.1 heat shock protein HSP16-1 status:Predicted SW:P34686 protein_id:AAB04839.1
CELE0002S00020125	7.584005	7.883037	1.230319	0.01552963	C05C8.6	CE07924	WBGene00015463	status:Confirmed TR:O18313 protein_id:AAB65373.1
CELE0002S00020159	8.402268	8.811538	1.327997	0.02559759	ZK863.7	CE15447	WBGene00004384	locus:cmp-1 RNP-1 protein status:Confirmed SW:Q10667 protein_id:CAB01455.1
CELE0002S00020172	5.945798	6.202057	1.194378	0.04115845	Y75B12A.2	CE19269	WBGene00013566	status:Partially_confirmed TR:Q9XTE8 protein_id:CAA21758.1
CELE0002S00020211	6.345647	6.891138	1.270583	0.02895648	C06C8.9	CE17373	WBGene00007383	status:Partially_confirmed TR:O62036 protein_id:CAB07560.1
CELE0002S00020280	5.880996	6.289624	1.327423	0.04991452	Y43F8A.4	CE21883	WBGene00005831	locus:srcw-84 7TM chemoreceptor, srcw family status:Partially_confirmed TR:Q9XWL4 protein_id:CAA21642.1
CELE0002S00020310	4.303015	4.679918	1.298551	0.02481053	T24A8.13	CE14148	WBGene00020752	status:Predicted TR:O61944 protein_id:AAC17800.1
CELE0002S00020322	9.253288	9.835863	1.49752	0.01757787	E02C12.8b	CE32850	WBGene00017093	status:Confirmed TR:Q8I7L3 protein_id:AAN84830.1
CELE0002S00020336	5.301543	5.518089	1.161948	0.01132792	C29A12.3b	CE37481	WBGene00002985	locus:lig-1 status:Confirmed TR:Q8MQB3 protein_id:CAD44112.2
CELE0002S00020365	4.353801	4.575229	1.165887	0.03673626	F32D8.12b.2	CE36151	WBGene00009334	F32D8.12 TR:Q7JLJ0
CELE0002S00020375	4.700047	5.218583	1.432501	0.04296102	C54D10.8	CE35439	WBGene00008302	status:Confirmed TR:Q18826 protein_id:CAA99798.2
CELE0002S00020381	7.689768	7.86455	1.128794	0.03388081	T05H4.14.1			
CELE0002S00020480	7.606278	8.029802	1.3412	0.01497285	C14C11.6	CE06825	WBGene00003507	locus:mut-14 helicase status:Partially_confirmed TR:Q17978 protein_id:AAA98106.1
CELE0002S00020485	10.376646	10.764871	1.306782	0.01142027	C17E7.12	CE27698	WBGene00015905	status:Confirmed TR:Q965M6 protein_id:AAK68182.1
CELE0002S00020495	5.899809	5.883578	1.135847	0.04351543	F47H4.11	CE20828	WBGene00009841	status:Predicted TR:Q9XU26 protein_id:CAB07210.1
CELE0002S00020504	4.706676	5.06793	1.284542	0.02793508	Y38H6C.13	CE19107	WBGene00012825	status:Predicted TR:Q9XX48 protein_id:CAA20991.1
CELE0002S00020529	4.892462	5.204917	1.241819	0.02999347	T08G3.1	CE18371	WBGene00006083	locus:atr-15 status:Predicted TR:O18069 protein_id:CAB05792.1
CELE0002S00020546	8.019331	8.253916	1.176568	0.03536602	Y38H6C.22	CE19116	WBGene00000015	locus:abf-4 status:Predicted TR:Q9XX40 protein_id:CAA20999.1
CELE0002S00020591	8.935201	9.28774	1.276808	0.008526264	F32D1.10	CE09874	WBGene00003159	locus:mcm-7 cell division control protein status:Confirmed TR:O16297 protein_id:AAB65356.1
CELE0002S00020606	4.636777	4.898324	1.198763	0.03816496	Y46H3D.5	CE33873	WBGene00003700	locus:nhr-110 zinc finger protein status:Confirmed TR:Q966B9 protein_id:AAK72308.2

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00020749	5.366774	5.594379	1.17089	0.03021877	F46B.6.8	CE05874	WBGene00009773	lipase status:Partially_confirmed TR:Q20449 protein_id:CAA94824.1
CELE0002S00020752	4.370164	4.645957	1.210859	0.01404189	T09F5.3	CE16375	WBGene00008110	locus:str-45 status:Predicted TR:O18078 protein_id:CAB05810.1
CELE0002S00020774	7.406051	7.983815	1.492327	0.02358013	K08H10.4.1	CE18877	WBGene00010697	uda-1 TR:Q9XU84
CELE0002S00020781	5.63854	5.832668	1.14562	0.03109604	ZK6.3	CE36078	WBGene00022638	status:Partially_confirmed TR:O61870 protein_id:AAQ45571.2
CELE0002S00020804	7.033151	7.21517	1.13447	0.03036339	C12D8.10b.2	CE05274	WBGene00000102	akt-1 TR:Q17942
CELE0002S00020854	4.853697	4.937136	1.059541	0.03943984	R04F11.4	CE30561	WBGene00006668	locus:twk-13 potassium channel protein status:Partially_confirmed TR:Q21729 protein_id:CAA98957.2
CELE0002S00020905	6.418761	6.731169	1.241779	0.02461944	F25E5.2	CE07138	WBGene00017783	status:Partially_confirmed TR:O78655 protein_id:AAQ24073.1
CELE0002S00020971	4.351238	4.394695	1.03058	0.0477609	F40D4.3	CE19837	WBGene00005375	locus:srh-159 status:Predicted TR:Q9U3G2 protein_id:CAB63200.1
CELE0002S00021042	14.150028	14.485688	1.261937	0.001650187	F46H5.3b.1	CE33098	WBGene00018519	F46H5.3 TR:Q10454
CELE0002S00021043	14.015448	14.330939	1.244435	0.002219082	F46H5.3b.2	CE33098	WBGene00018519	F46H5.3 TR:Q10454
CELE0002S00021044	13.826095	14.113717	1.220627	0.001157298	F46H5.3b.3	CE33098	WBGene00018519	F46H5.3 TR:Q10454
CELE0002S00021195	4.555364	4.860038	1.214762	0.04714958	F41C6.4	CE04541	WBGene00018278	status:Partially_confirmed TR:Q20289 protein_id:AAA80445.1
CELE0002S00021265	9.865838	9.971315	1.235829	0.04287125	F40F4.3	CE04533	WBGene00002253	locus:lpb-1 fatty acid-binding protein status:Confirmed SW:Q20223 protein_id:AAA81434.1
CELE0002S00021389	11.904104	12.353439	1.385411	0.003151332	F22H10.3.1	CE09572	WBGene00017727	F22H10.3 TR:Q94188
CELE0002S00021396	11.414692	11.740629	1.253478	0.000231977	F22H10.3.3			
CELE0002S00021409	11.713452	12.006118	1.224902	0.004040271	F22H10.3.9			
CELE0002S00021422	6.558349	7.125027	1.481109	0.009937471	H28G03.4	CE11604	WBGene00019252	transposase status:Predicted TR:Q9TXP4 protein_id:AAQ67403.1
CELE0002S00021505	5.95142	6.413109	1.377153	0.02960844	T25C12.1a	CE03733	WBGene00003003	locus:lin-14 embryonic nuclear protein lin-14 form B2 status:Partially_confirmed SW:Q21448 protein_id:CAA91484.1
CELE0002S00021551	10.554299	10.839079	1.218224	0.02362559	F23A7.4	CE09578	WBGene00009089	glutamate receptor epsilon subunit like status:Predicted TR:Q93557 protein_id:CAB02978.1
CELE0002S00021594	4.914802	5.289889	1.286918	0.04392188	C31E10.1	CE08501	WBGene00007842	status:Predicted TR:Q93310 protein_id:CAB01727.1
CELE0002S00021804	6.245577	6.767486	1.435854	0.01295411	C31E10.3	CE28540	WBGene00007844	status:Predicted TR:Q93312 protein_id:CAB01729.2
CELE0002S00021631	7.331251	7.529762	1.147513	0.0474922	F18H3.4	CE23671	WBGene00008940	status:Partially_confirmed TR:Q19580 protein_id:CAA90445.2
CELE0002S00021856	5.163783	5.481058	1.245975	0.04366143	F09F9.4	CE04349	WBGene00017309	Type I thrombospondin (TSP) repeats status:Partially_confirmed TR:Q19284 protein_id:AAA81784.1
CELE0002S00021712	4.993637	5.460035	1.381656	0.04035207	F46H6.5	CE37113	WBGene00023460	status:Confirmed TR:Q6AHP6 protein_id:AAT92073.1
CELE0002S00021760	11.800306	12.153793	1.277645	0.002588657	F22H10.3.12			
CELE0002S00021771	11.882736	12.210573	1.441766	0.02521862	F22H10.3.16			
CELE0002S00021782	4.919264	5.219061	1.230971	0.02031597	F47F2.1c.1	CE31171	WBGene00018569	F47F2.1 TR:Q8MQ39
CELE0002S00021820	9.07938	9.457443	1.299596	0.004360011	ZC8.4c	CE33745	WBGene00022500	locus:ifi-1 status:Partially_confirmed TR:Q86M11 protein_id:AAO91893.1
CELE0002S00021852	5.927651	6.209241	1.215534	0.03765505	R160.3	CE19553	WBGene000020120	status:Partially_confirmed TR:Q9TZD5 protein_id:AAQ68736.1
CELE0002S00021925	4.80114	4.752032	1.110256	0.04089933	C52B9.2a	CE30261	WBGene00016885	status:Partially_confirmed TR:Q22941 protein_id:AAK39212.2
CELE0002S00021942	4.537054	4.914445	1.298991	0.03720735	R09F10.9	CE23911	WBGene00000427	locus:ced-13 status:Predicted TR:Q9TY06 protein_id:AAD34655.1
CELE0002S00021971	4.346528	4.811354	1.201491	0.04596874	H39E20.1	CE19948	WBGene00019267	status:Partially_confirmed TR:Q9TZM8 protein_id:AAQ67406.1
CELE0002S00022026	13.518856	13.703861	1.138822	0.0268213	C36E6.5.2	CE20542	WBGene00003370	mhc-2 TR:P19626
CELE0002S00022200	5.050703	5.384208	1.260071	0.04909611	C30E1.7	CE08474	WBGene00016256	status:Predicted TR:O17330 protein_id:AAB71252.1
CELE0002S00022203	10.909743	11.419818	1.424124	0.003411137	F22A3.6a	CE04442	WBGene00017691	status:Partially_confirmed TR:Q19698 protein_id:AAA83197.1
CELE0002S00022234	5.19162	5.45899	1.203612	0.01725513	F08F1.8.1	CE27929	WBGene00008649	tth-1 TR:O17389
CELE0002S00022264	6.868175	7.327513	1.374911	0.01273946	K08H2.3	CE06161	WBGene00010690	status:Partially_confirmed TR:Q21388 protein_id:CAA94150.1
CELE0002S00022284	5.971483	6.515631	1.458159	0.0181684	C04F8.3.2	CE03923	WBGene00000503	cht-1 TR:Q11174
CELE0002S00022364	7.814648	8.107831	1.225341	0.0397541	F35B3.4	CE07171	WBGene00018031	status:Confirmed TR:Q966J9 protein_id:AAK68375.1
CELE0002S00022366	7.175907	7.866103	1.404638	0.03762012	F32A8.4c	CE34009	WBGene00000092	locus:ags-3 status:Confirmed TR:Q7Z295 protein_id:AAP40535.1
CELE0002S00022376	7.347807	7.726198	1.299891	0.0411473	F22F4.2.2	CE33055	WBGene00002125	inx-3 TR:Q19746
CELE0002S00022440	4.251005	4.603546	1.191303	0.04322941	C33E10.6	CE23567	WBGene00016348	status:Predicted TR:Q9N504 protein_id:AAK84500.1
CELE0002S00022479	6.448232	6.789522	1.268889	0.03180137	M03F4.2a.2	CE12358	WBGene00000086	act-4 TR:P10986
CELE0002S00022489	6.283161	6.778553	1.409704	0.02772884	B04I0.2a	CE06708	WBGene00015171	status:Partially_confirmed TR:Q17600 protein_id:AAA86091.1
CELE0002S00022512	5.160219	5.441668	1.215415	0.04100173	C12D12.5	CE06817	WBGene00015716	status:Predicted TR:Q17922 protein_id:AAA96081.1
CELE0002S00022529	4.631215	5.068127	1.351828	0.04780695	Y7A5A.3	CE21328	WBGene00012409	status:Partially_confirmed TR:Q9XVZ0 protein_id:CAA22484.1
CELE0002S00022540	7.631842	8.2058	1.488802	0.01462696	Y102A11A.4	CE26477	WBGene00022414	status:Predicted TR:Q95XK3 protein_id:AAK39312.1
CELE0002S00022620	4.623083	5.108613	1.4001	0.02775868	T22H6.4	CE16442	WBGene00008174	locus:str-123 status:Predicted TR:O18115 protein_id:CAA90675.1
CELE0002S00022632	7.037121	7.564786	1.441694	0.04416754	F21G4.2	CE09548	WBGene00003410	locus:mpr-4 multidrug resistance-associated protein status:Partially_confirmed TR:Q93552 protein_id:CAA88549.1
CELE0002S00022633	4.512584	4.864832	1.276548	0.03216459	F21G4.3	CE09549	WBGene00009024	status:Predicted TR:Q93551 protein_id:CAB02886.1
CELE0002S00022644	5.522309	6.055949	1.447577	0.04333755	K02G10.1	CE35736	WBGene00019344	status:Partially_confirmed TR:Q21181 protein_id:AAK39249.3
CELE0002S00022683	8.022786	8.489683	1.363105	0.01938313	ZK813.3	CE29944	WBGene00022822	status:Partially_confirmed TR:Q23604 protein_id:AAB52655.2
CELE0002S00022720	6.824291	7.29876	1.389407	0.03632642	C45B2.1	CE27853	WBGene00016658	status:Partially_confirmed TR:Q95YC6 protein_id:AAK88245.1
CELE0002S00022771	5.850082	5.991672	1.10312	0.04790151	C11E4.3	CE08103	WBGene00007518	status:Predicted TR:Q93205 protein_id:CAB02660.1
CELE0002S00022796	9.861999	9.927535	1.202083	0.03667139	W05H7.4d.2			
CELE0002S00022871	6.570774	6.958047	1.306107	0.021071	W01C8.4b	CE35791	WBGene00020920	status:Partially_confirmed TR:Q8IFX5 protein_id:AAK39665.2
CELE0002S00022919	8.002665	8.584784	1.497046	0.00278169	C39D10.7	CE29712	WBGene00016534	similar to C. elegans proteins B0280.5, R02F2.4 and C07G2.1 status:Partially_confirmed TR:Q18529 protein_id:AAK39209.2
CELE0002S00022920	6.534808	6.778207	1.183778	0.03478906	C39D10.9	CE30502	WBGene00016538	status:Confirmed TR:Q8T3E6 protein_id:AAM15560.1
CELE0002S00022995	8.991826	9.48717	1.409655	0.006743166	T27A8.4	CE03744	WBGene00012076	status:Predicted TR:Q22828 protein_id:CAA92225.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00023013	6.442078	6.723374	1.215288	0.02416509	F47F2.1b	CE37114	WBGene00018569	status:Confirmed TR:Q20541 protein_id:AAK72061.2
CELE0002S00023043	5.381835	5.658203	1.211142	0.03062712	Y73B3A.16	CE32275	WBGene00022218	status:Predicted TR:Q95XE7 protein_id:AAK39370.2
CELE0002S00023090	8.982381	9.114816	1.096142	0.0208097	K03C7.3	CE04717	WBGene00019359	status:Predicted TR:Q21188 protein_id:AAA81140.1
CELE0002S00023108	4.820742	5.295105	1.389305	0.02213858	AC8.5	CE20440	WBGene00007077	status:Predicted TR:Q9XUA1 protein_id:CAB05452.1
CELE0002S00023114	10.52441	10.598206	1.052482	0.04652367	C02D.4.2d	CE36424	WBGene00004777	locus:ser-2 status:Partially_confirmed SW:Q02213 protein_id:CAF31468.2
CELE0002S00023133	4.368247	4.700933	1.259356	0.04230327	T07C5.2	CE06380	WBGene00011565	Ligand-binding domain of nuclear hormone receptors, Zinc finger, C4 type (two domains) status:Predicted TR:Q22298 protein_id:CAA90299.1
CELE0002S00023214	7.299184	7.829077	1.443822	0.04901784	ZK154.6b	CE35816	WBGene00022688	status:Confirmed TR:Q7JNL6 protein_id:AAQ91891.1
CELE0002S00023263	9.814999	9.989561	1.128622	0.03349147	F14H12.6	CE25857	WBGene00017473	status:Confirmed TR:Q966K4 protein_id:AAK8328.1
CELE0002S00023384	8.007418	6.417767	1.329007	0.03330957	Y62H9A.4	CE19240	WBGene00013392	status:Partially_confirmed TR:Q9XWT4 protein_id:CAA21561.1
CELE0002S00023429	6.877781	7.331573	1.369608	0.03094425	C14E2.6	CE08833	WBGene00015775	triacylglycerol lipase status:Partially_confirmed TR:Q17988 protein_id:AAA85752.1
CELE0002S00023435	5.967885	6.42964	1.377218	0.01812924	C40H5.3	CE33982	WBGene00008046	status:Partially_confirmed TR:Q9U3M9 protein_id:CAB03954.3
CELE0002S00023436	4.893455	5.409785	1.430312	0.0470631	C40H5.4	CE08652	WBGene00008047	B.subtilis penicillin-binding protein like status:Partially_confirmed TR:Q9U3M7 protein_id:CAB03955.2
CELE0002S00023455	4.544484	4.938947	1.314453	0.0483408	R02E4.1	CE04777	WBGene00019826	status:Partially_confirmed TR:Q21646 protein_id:AAA81760.1
CELE0002S00023461	4.878741	5.309891	1.348308	0.01967263	Y70D2A.2	CE34134	WBGene00013497	status:Partially_confirmed TR:Q9XW90 protein_id:CAA22078.2
CELE0002S00023502	4.886034	8.923989	1.354683	0.03997813	C43H8.8	CE06959	WBGene00001959	locus:hlh-15 status:Partially_confirmed TR:Q18590 protein_id:AAA98089.1
CELE0002S00023511	5.84034	6.272425	1.349182	0.04405559	F31B9.3	CE17729	WBGene00009280	status:Predicted TR:Q62188 protein_id:CAB04222.1
CELE0002S00023548	4.788319	5.084282	1.227704	0.02382272	F47B10.4	CE03354	WBGene00009815	status:Predicted TR:Q20504 protein_id:CAA91984.1
CELE0002S00023553	4.499636	4.659103	1.116874	0.0284097	F47B10.6	CE03356	WBGene00009817	status:Predicted TR:Q20506 protein_id:CAA91986.1
CELE0002S00023563	4.683898	4.863746	1.148577	0.02803466	F08B12.5	CE34796	WBGene00008573	status:Predicted TR:Q7YX53 protein_id:CAE17753.1
CELE0002S00023568	9.094111	9.572723	1.393403	0.001200182	ZK813.1.2	CE33752	WBGene00022820	ZK813.1 TR:Q23606
CELE0002S00023636	12.020395	12.229408	1.155897	0.03416233	M03F4.4	CE12362	WBGene00019758	status:Predicted TR:Q23014 protein_id:AAB04574.1
CELE0002S00023712	7.818237	8.228362	1.32686	0.02384518	F46H5.3a	CE37112	WBGene00018519	arginine kinase status:Confirmed SW:Q10454 protein_id:AAB37022.2
CELE0002S00023777	5.900401	6.191597	1.223654	0.04210305	G34E11.2	CE31435	WBGene00007935	status:Partially_confirmed TR:Q18454 protein_id:CAA91752.2
CELE0002S00023789	6.002495	6.567843	1.479744	0.02937705	T18D3.1	CE03662	WBGene00011820	status:Partially_confirmed TR:Q22540 protein_id:CAA92191.1
CELE0002S00023808	8.602899	8.907863	1.235559	0.045707	F35C8.8	CE04500	WBGene00018038	status:Predicted TR:Q20029 protein_id:AAA81712.1
CELE0002S00023834	4.528945	4.919128	1.31056	0.01601146	F13D2.2	CE03194	WBGene00008736	G-protein coupled receptor status:Partially_confirmed TR:Q19399 protein_id:CAA90604.1
CELE0002S00023870	5.302775	5.762113	1.374911	0.01318487	C49F5.6	CE08857	WBGene00008210	status:Partially_confirmed TR:Q17684 protein_id:CAB03979.1
CELE0002S00023951	8.418445	8.967073	1.482694	0.02140999	C25B8.4a	CE27087	WBGene00016088	asialoglycoprotein receptor status:Confirmed TR:Q18146 protein_id:AAK39193.1
CELE0002S00023960	5.862066	6.252747	1.311012	0.03872321	Y60A9.3	CE22669	WBGene00013370	status:Partially_confirmed TR:Q9U1Y2 protein_id:CAB80410.1
CELE0002S00023994	6.289285	6.5796	1.222907	0.04945314	K05G3.1	CE04753	WBGene00019422	status:Partially_confirmed TR:Q21251 protein_id:AAB52496.1
CELE0002S00024098	5.297641	5.839459	1.455806	0.01920754	F48B9.1	CE04609	WBGene00018587	status:Partially_confirmed TR:Q20558 protein_id:AAA81754.1
CELE0002S00024125	8.940369	9.263421	1.250974	0.03622655	C24A3.8	CE04065	WBGene00018036	status:Partially_confirmed TR:Q18127 protein_id:AAA81462.1
CELE0002S00024128	7.758453	8.170561	1.330829	0.03353521	K08B5.2	CE11908	WBGene00019519	status:Partially_confirmed TR:Q21308 protein_id:AAA82338.2
CELE0002S00024155	4.335873	4.659438	1.251419	0.002011195	Y75D11A.1	CE18431	WBGene00022290	status:Predicted TR:Q78706 protein_id:AAF38057.1
CELE0002S00024158	8.599941	8.998234	1.317948	0.03552619	Y75D11A.3	CE23050	WBGene00022292	status:Confirmed TR:Q9N4D0 protein_id:AAF38056.1
CELE0002S00024174	5.872242	6.259422	1.307835	0.01800441	T25B6.5	CE05015	WBGene00020791	status:Predicted TR:Q22760 protein_id:AAC48221.1
CELE0002S00024199	4.717634	4.945675	1.171243	0.02254414	T01H10.5	CE36664	WBGene00011358	nicotinic acetylcholine receptor status:Partially_confirmed TR:Q22083 protein_id:CAA91539.2
CELE0002S00024202	4.834384	5.178597	1.269458	0.04088087	T01H10.7	CE36666	WBGene00011360	nicotinic acetylcholine receptor status:Predicted TR:Q22084 protein_id:CAA91540.2
CELE0002S00024203	5.505875	5.83768	1.258587	0.04510811	C02D.4.1	CE07836	WBGene00007262	status:Predicted TR:Q6LA91 protein_id:CAB02717.1
CELE0002S00024209	4.642675	4.827868	1.138969	0.03982722	C02B8.2	CE03891	WBGene00015321	status:Predicted SW:Q11092 protein_id:AAA81442.1
CELE0002S00024223	9.030409	9.458142	1.345118	0.005094806	C02B8.7	CE03896	WBGene00015325	status:Predicted SW:Q11087 protein_id:AAA81440.1
CELE0002S00024285	4.570176	4.89314	1.250898	0.01133702	T14F9.4b	CE34372	WBGene00003968	locus:peb-1 status:Partially_confirmed TR:Q721Q1 protein_id:AAP46272.1
CELE0002S00024299	5.455414	6.000111	1.458714	0.03534355	F34H10.4	CE01574	WBGene00009381	status:Predicted SW:Q09317 protein_id:CAA87037.1
CELE0002S00024339	7.045829	7.308377	1.199595	0.04469401	Y73B3A.1	CE27324	WBGene00022203	status:Partially_confirmed TR:Q95XE2 protein_id:AAK39359.1
CELE0002S00024363	4.422046	4.494579	1.051561	0.04158759	C28G1.4	CE04121	WBGene00016189	zinc finger status:Partially_confirmed TR:Q18289 protein_id:AAA82353.1
CELE0002S00024415	4.395532	4.601041	1.153093	0.0377854	C09B8.5	CE02465	WBGene00015624	status:Partially_confirmed TR:Q17847 protein_id:AAA8803.1
CELE0002S00024455	4.676512	5.221269	1.458775	0.01680962	T24D8.6	CE05010	WBGene00020769	status:Partially_confirmed TR:Q22742 protein_id:AAA81449.1
CELE0002S00024465	5.461174	5.979505	1.432297	0.02951691	C04B4.2	CE05204	WBGene00007290	status:Partially_confirmed TR:Q17620 protein_id:CAA93527.1
CELE0002S00024466	4.614434	5.099191	1.39935	0.004214225	C04B4.3	CE05205	WBGene00007291	lipase status:Predicted TR:Q17622 protein_id:CAA93529.1
CELE0002S00024479	4.376743	4.788374	1.311876	0.006883757	C18B12.5	CE08309	WBGene00007667	status:Partially_confirmed TR:Q93247 protein_id:CAA20926.1
CELE0002S00024714	7.478986	7.705794	1.170243	0.04894805	chr1L_11960060-11961355			
CELE0002S00024749	4.595282	4.923202	1.255202	0.04293673	chr1L_452785-454265			
CELE0002S00024796	5.82106	6.329935	1.42294	0.01120459	chr1L_3888390-3889690			
CELE0002S00024799	11.008672	11.296041	1.220413	0.01384948	chr1L_3373323-3374823			
CELE0002S00024811	4.408642	4.740533	1.260408	0.02980727	chr1L_8369081-8370524			
CELE0002S00024813	4.65357	5.025233	1.293843	0.01962876	chr1L_6927095-6928595			
CELE0002S00024860	4.672017	5.13902	1.382235	0.01501066	chr1L_8550066-8551566			
CELE0002S00024871	4.645794	5.188034	1.458232	0.03884558	chr1L_8213484-8214720			
CELE0002S00024906	6.253969	6.726222	1.387274	0.04619529	chr1L_2149521-2151021			

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00024909	6.808299	7.378181	1.484402	0.02407636	chrI_10015275-10016775			
CELE0002S00024959	4.435885	4.808998	1.295144	0.008360572	chrI_2639935-2641435			
CELE0002S00025053	5.53508	5.773238	1.179486	0.0495096	chrIV_6919461-6920981			
CELE0002S00025072	8.435004	8.957974	1.43691	0.01594732	chrIV_16085621-16087121			
CELE0002S00025080	4.946163	5.294634	1.273211	0.0405247	chrIV_4542227-4543727			
CELE0002S00025085	8.362247	8.823611	1.198611	0.04218726	chrIV_1726361-1727861			
CELE0002S00025117	5.268393	5.805049	1.450606	0.03685429	chrIV_5480797-5482297			
CELE0002S00025122	6.51021	7.043929	1.447656	0.02759803	chrIV_6091015-6091522			
CELE0002S00025136	9.921041	10.496314	1.489959	0.006134272	chrIV_1894616-1896116			
CELE0002S00025182	4.821825	5.199271	1.29904	0.03554123	chrIV_1287801-1289202			
CELE0002S00025183	4.558707	4.998888	1.356775	0.0182848	chrV_15601526-15602984			
CELE0002S00025202	5.192776	5.740586	1.461865	0.03351883	chrV_2120994-2122494			
CELE0002S00025267	5.171139	5.42723	1.194239	0.04469465	chrV_14076351-14077851			
CELE0002S00025296	5.336709	5.554875	1.163254	0.04576148	chrX_17374872-17376372			
CELE0002S00025348	11.007901	11.384942	1.298676	0.01070854	chrX_1308180-1309680			
CELE0002S00025349	8.705597	8.926888	1.165776	0.02381531	chrX_13655270-13655837			
CELE0002S00025359	9.52073	9.99247	1.386781	0.01275005	chrX_3723300-3724800			
CELE0002S00025363	4.701145	4.980783	1.213899	0.01171633	chrX_10837929-10839429			
CELE0002S00025366	5.098579	5.603835	1.421344	0.02429828	chrX_5069363-5070863			
CELE0002S00025390	5.817529	6.31252	1.409312	0.03031317	chrX_3954718-3956218			
CELE0002S00025419	4.471003	4.99449	1.437425	0.03686916	chrX_8566181-8567681			
CELE0002S00025420	4.599676	5.124347	1.438605	0.02316058	chrX_3424613-3426113			
CELE0002S00025449	11.253322	11.530594	1.211901	0.01978264	chrX_16942359-16943859			

1.5倍未満(control増)

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00000006	7.775144	7.299197	1.390831	0.01492664	M05B5.2	CE31044	WBGene00010870	status:Confirmed TR-Q21516 protein_id:CAA95834.2
CELE0002S000000029	9.332283	8.907345	1.342515	0.001056207	ZC334.2	CE19308	WBGene00002113	locus:ins-30 status:Partially_confirmed TR-Q9XUJ8 protein_id:CAB04983.1
CELE0002S000000041	9.213803	8.78448	1.365399	0.00201426	ZC334.9	CE36064	WBGene00002111	locus:ins-28 status:Predicted TR-Q7JKM9 protein_id:CAE53734.1
CELE0002S000000077	6.335909	5.883072	1.368729	0.03729021	R06A10.4	CE12518	WBGene00019911	protein kinase status:Confirmed TR-O44747 protein_id:AAB98730.1
CELE0002S000000114	9.759908	9.343213	1.334886	0.003150033	DY3.1	CE15745	WBGene00006574	locus:tin-13 status:Confirmed SW-O45319 protein_id:CAB09410.1
CELE0002S000000117	8.043617	7.612444	1.348329	0.02223754	Y40B1B.7	CE21790	WBGene00012739	status:Confirmed TR-Q9XWP4 protein_id:CAA21606.1
CELE0002S000000139	13.741251	13.499812	1.182171	0.006324806	F26E4.6.2	CE30519	WBGene00009161	F26E4.6 TR-O18887
CELE0002S000000174	7.188408	6.700505	1.402405	0.04190222	C50F2.6b	CE27878	WBGene00001430	locus:fkf-5 status:Partially_confirmed TR-Q95Q60 protein_id:AAK68259.1
CELE0002S000000178	5.293472	5.109757	1.135805	0.0285632	K08C.6	CE21040	WBGene00010653	status:Predicted TR-Q9XUT2 protein_id:CAB04589.1
CELE0002S000000190	9.50832	9.111797	1.316332	0.002168011	C03D.6.8	CE05202	WBGene00004437	locus:rlp-24.2 ribosomal protein status:Confirmed SW-Q17606 protein_id:CAA99784.1
CELE0002S000000202	11.97631	11.700009	1.211086	0.02325652	W09C5.8.1	CE20171	WBGene00012354	W09C5.8 TR-Q9U329
CELE0002S000000204	12.119955	11.810192	1.239504	0.03785277	W09C5.8.2	CE20171	WBGene00012354	W09C5.8 TR-Q9U329
CELE0002S000000224	9.480745	9.091102	1.310069	0.006380915	Y44E3A.3	CE21928	WBGene000021548	status:Confirmed TR-Q9TXH6 protein_id:AAC78230.1
CELE0002S000000236	7.018874	6.737059	1.215723	0.02446293	K07A1.10	CE11858	WBGene00010816	status:Partially_confirmed TR-P90915 protein_id:CAB03171.1
CELE0002S000000332	10.323503	9.872272	1.367206	0.01937893	F23C8.5.1	CE29774	WBGene00017734	F23C8.5 TR-Q9TXJ4
CELE0002S000000350	13.872044	13.538103	1.098809	0.0178098	C09D4.5.1	CE08034	WBGene00004431	rpl-19 TR-O02639
CELE0002S000000368	6.894988	6.360306	1.448623	0.04565467	T08A4.3b	CE37045	WBGene000020283	status:Partially_confirmed TR-Q6A576 protein_id:AAT81188.1
CELE0002S000000396	9.011358	8.603007	1.327168	0.04408912	K03E5.2a	CE37532	WBGene00019381	calponin status:Confirmed TR-O61848 protein_id:AAC17586.2
CELE0002S000000406	13.131625	12.724146	1.326368	0.00000027	W09C5.6b.1	CE20169	WBGene00004445	rpl-31 TR-Q9U332
CELE0002S000000412	13.445099	13.177583	1.203733	0.000175997	W09C5.6b.3	CE20169	WBGene00004445	rpl-31 TR-Q9U332
CELE0002S000000416	13.402254	13.026885	1.297351	0.0000153	W09C5.6b.4	CE20169	WBGene00004445	rpl-31 TR-Q9U332
CELE0002S000000419	12.565416	12.260546	1.235307	0.004445689	W09C5.6b.5	CE20169	WBGene00004445	rpl-31 TR-Q9U332
CELE0002S000000422	13.574981	13.413275	1.118609	0.04811818	C32E8.2b	CE33582	WBGene00004425	locus:rlp-13 status:Confirmed TR-Q88GU2 protein_id:AAO81436.1
CELE0002S000000432	13.825253	13.614376	1.157392	0.02305006	Y71F9AL.13a.1	CE25552	WBGene00004412	rpl-1 TR-Q9N4I4
CELE0002S000000433	13.749024	13.586235	1.119449	0.002748004	Y71F9AL.13a.2	CE25552	WBGene00004412	rpl-1 TR-Q9N4I4
CELE0002S000000446	9.610582	9.106789	1.417937	0.04642158	Y18D10A.8.2			
CELE0002S000000470	10.318242	10.168283	1.111077	0.04233415	F08B6.2.1	CE20856	WBGene00001682	gpc-2 TR-Q9TYS9
CELE0002S000000478	10.757936	10.493372	1.201273	0.009053672	K07A12.3	CE11868	WBGene00000209	locus:casg-1 ATP synthase subunit g status:Confirmed SW-P90921 protein_id:CAB03179.1
CELE0002S000000486	12.422217	11.881512	1.454683	0.000832601	C54Q8.5.1			
CELE0002S000000487	12.68368	12.285113	1.318198	0.002638217	C54Q8.5.2			
CELE0002S000000518	5.848826	5.679922	1.124204	0.03898818	C43E11.3b	CE32828	WBGene00016603	status:Partially_confirmed TR-Q8I7H3 protein_id:AAH84842.1
CELE0002S000000521	5.326184	4.981243	1.270099	0.04332626	C38F7.4b	CE24830	WBGene00004372	locus:rig-5 status:Partially_confirmed TR-Q9NAR0 protein_id:CAB54202.2
CELE0002S000000530	8.951395	8.409276	1.458111	0.04396833	Y105E8A.4	CE25707	WBGene00001156	locus:ech-7 status:Confirmed TR-Q9NEZ8 protein_id:CAC48118.1
CELE0002S000000570	7.867326	7.314333	1.487126	0.003692654	C31H5.5	CE17485	WBGene00007856	status:Partially_confirmed TR-O62085 protein_id:CAB07845.1
CELE0002S000000577	12.430193	12.107976	1.25025	0.01483313	F54C1.7.1	CE11052	WBGene00003934	pat-10 TR-P91326
CELE0002S000000580	12.469581	12.273833	1.145318	0.03218425	F54C1.7.4			
CELE0002S000000615	7.361444	6.972942	1.309033	0.03697873	K07A3.2a	CE36699	WBGene00004226	locus:ptr-12 status:Partially_confirmed TR-Q9N5J9 protein_id:AAF38911.3
CELE0002S000000635	5.804396	5.374435	1.347197	0.03497945	Y71F9AM.4b	CE33242	WBGene00002121	status:Confirmed TR-Q86S64 protein_id:AAO21418.1
CELE0002S000000701	8.040957	7.462764	1.492978	0.004896984	T28B.2	CE27217	WBGene00002101	locus:ins-18 insulin-like growth factor I like status:Confirmed TR-O18149 protein_id:CAB03444.2
CELE0002S000000705	6.850312	6.472154	1.299681	0.03187576	Y54E10BL.1	CE34409	WBGene00021837	status:Partially_confirmed TR-Q7Z147 protein_id:AAP68913.1
CELE0002S000000797	6.449799	6.116431	1.259951	0.02414902	B0379.7.1	CE23508	WBGene00007159	B0379.7 TR-Q9U3S6
CELE0002S000000798	9.400776	9.005146	1.315517	0.000740788	T12F5.5a.2			
CELE0002S000000821	11.233828	10.918422	1.244362	0.001574174	F43G8.1	CE34018	WBGene00009664	isocitrate dehydrogenase status:Confirmed TR-Q93714 protein_id:CAB02111.2
CELE0002S000000832	9.866113	9.45498	1.348292	0.0366979	K11D2.2	CE12120	WBGene00010769	locus:casah-1 Human PHP32 protein like status:Confirmed SW-O45886 protein_id:CAB05558.1
CELE0002S000000873	10.828976	10.131459	1.411782	0.0301528	W10C8.5	CE18353	WBGene00021128	ATP transferase status:Confirmed TR-O45011 protein_id:AAK21503.1
CELE0002S000000885	7.046717	6.725745	1.249172	0.04724453	Y44E3A.8a	CE31372	WBGene00021551	status:Confirmed TR-Q8ITV7 protein_id:AAH73852.1
CELE0002S000000892	7.375752	6.906646	1.384251	0.006562025	F15D3.3	CE15850	WBGene00006642	locus:col-68 status:Predicted TR-O62172 protein_id:CAB02953.1
CELE0002S000000917	14.163147	14.000492	1.119345	0.04833657	Y37E3.7.2	CE28658	WBGene00004409	rpe-1 TR-P91913
CELE0002S000000920	9.315782	8.752417	1.477712	0.000247708	Y108G6H.8	CE20418	WBGene00013720	status:Confirmed TR-Q9U2Z9 protein_id:CAB63338.1
CELE0002S000000963	5.732446	5.216219	1.43021	0.02872595	T27F8.2	CE16512	WBGene00012103	GUB domain, Lectin C-type domain short and long forms (2 domains) status:Predicted TR-O45887 protein_id:CAB04882.1
CELE0002S000001018	9.749915	9.549236	1.149239	0.00700842	C32F10.8a.2			
CELE0002S000001127	8.800059	8.440824	1.262746	0.002158912	F53F10.2b.3	CE30374	WBGene00018764	F53F10.2 TR-Q8T3B3
CELE0002S000001164	9.54272	9.038939	1.417925	0.001397225	T07D10.6	CE33541	WBGene00011586	status:Confirmed TR-Q86G91 protein_id:CAD82918.1
CELE0002S000001177	8.998572	8.67668	1.249969	0.01720782	F56H6.3	CE16131	WBGene00010164	status:Predicted TR-O45582 protein_id:CAB04493.1
CELE0002S000001200	10.884876	10.334393	1.464576	0.003409119	T08B2.4	CE13425	WBGene00020345	status:Predicted TR-Q9GY55 protein_id:AAQ00014.1
CELE0002S000001254	9.013167	8.438731	1.486095	0.01236374	ZC334.11	CE36061	WBGene00002110	locus:ins-27 status:Predicted TR-Q7JKM7 protein_id:CAE53738.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00001290	7.307571	6.75493	1.466768	0.002332358	T08B2.7a.1	CE13431	WBGene00020347	T08B2.7 TRQ9GYT0
CELE0002S00001296	10.170002	9.959256	1.157286	0.01958468	R09B3.5	CE16310	WBGene00003123	locus:mug-1 MAGO NASHI PROTEIN status:Confirmed SWP49029 protein_id:CAB03239.1
CELE0002S00001303	6.910263	6.598545	1.241185	0.04082796	K12C11.3	CE34341	WBGene00019674	status:Predicted TRQ44996 protein_id:AAK18970.2
CELE0002S00001418	9.822408	9.613049	1.156174	0.04212157	W01B11.1	CE18305	WBGene00020913	status:Partially_confirmed TRQ61215 protein_id:AAK21474.1
CELE0002S00001419	11.470959	11.156849	1.243244	0.02211865	W01B11.3	CE18307	WBGene00020915	status:Confirmed TRQ45012 protein_id:AAK21475.1
CELE0002S00001453	8.675321	8.157575	1.431717	0.04665925	F49D11.8	CE17082	WBGene00000780	locus:cpn-4 status:Partially_confirmed TRQ44727 protein_id:AAB96713.3
CELE0002S00001476	6.805179	6.804446	1.149282	0.04752659	T23D8.2	CE26008	WBGene00008633	locus:tsp-7 tetrasperin status:Partially_confirmed TRQ9XV14 protein_id:CAB03397.2
CELE0002S00001482	9.034521	8.869904	1.28754	0.01962155	T23D8.4	CE18958	WBGene00001226	locus:eif-3.C status:Confirmed SW:002328 protein_id:CAB03403.1
CELE0002S00001495	6.13508	5.992768	1.103672	0.04705575	F30A10.9	CE09810	WBGene00009286	Yeast D96591.6 protein like status:Confirmed TRQ93638 protein_id:CAB03017.2
CELE0002S00001514	5.120262	4.739167	1.30233	0.0405944	T09E11.9	CE13513	WBGene00011658	acetylglucosaminyltransferase-like domain status:Predicted TRQ02309 protein_id:CAB03536.1
CELE0002S00001526	8.649101	8.451376	1.146888	0.04439349	Y23H5A.7b	CE28261	WBGene00000800	locus:crs-1 status:Partially_confirmed TRQ96516 protein_id:AAK68426.1
CELE0002S00001535	14.553152	14.441879	1.080181	0.001493155	Y10G6H.2b.10			
CELE0002S00001536	14.638142	14.538932	1.071187	0.04410728	Y10G6H.2b.11			
CELE0002S00001555	7.835004	7.349799	1.399785	0.02041283	Y105E8B.5	CE24099	WBGene00013680	status:Confirmed TRQ9NF11 protein_id:CAB60853.1
CELE0002S00001558	6.26213	5.900138	1.285199	0.02867936	Y105E8B.7	CE24095	WBGene00013692	status:Partially_confirmed TRQ9NF15 protein_id:CAB60849.1
CELE0002S00001565	6.344076	5.906897	1.354142	0.04928282	C09D4.1a	CE27671	WBGene00015632	status:Confirmed SW:001735 protein_id:AAB53976.2
CELE0002S00001627	11.031513	10.654382	1.298757	0.02651164	Y51F10.7	CE30321	WBGene00021768	status:Confirmed TRQ8TA47 protein_id:AAL77192.1
CELE0002S00001643	8.964376	8.805783	1.116198	0.01747716	F32A7.5a	CE09846	WBGene00009306	clauslin like status:Partially_confirmed TRP91859 protein_id:CAB05498.1
CELE0002S00001651	9.052656	8.758649	1.226041	0.003720743	F32A7.5c	CE34179	WBGene00009306	status:Partially_confirmed TRQ7YX88 protein_id:CAD92391.1
CELE0002S00001667	9.90282	9.407771	1.409389	0.001230909	R13H8.1a	CE28771	WBGene00000912	locus:daf-18 status:Confirmed TRQ18850 protein_id:AAK82917.1
CELE0002S00001668	10.573659	10.216761	1.280669	0.01975885	R13H8.1b	CE28772	WBGene00000912	locus:daf-18 status:Confirmed TRQ18849 protein_id:AAK82918.1
CELE0002S00001669	10.161423	9.982078	1.13237	0.03143866	F22D6.4	CE05685	WBGene00009051	NADH:ubiquinone oxidoreductase subunit status:Confirmed SW:Q19724 protein_id:CAA55810.1
CELE0002S00001671	10.371526	9.862452	1.423136	0.006393738	R13H8.1c	CE28773	WBGene00000912	locus:daf-18 status:Confirmed TRQ18676 protein_id:AAK82919.1
CELE0002S00001681	5.816893	5.483227	1.260212	0.03931639	T19A6.1b	CE32482	WBGene00011827	status:Partially_confirmed TRQ8D064 protein_id:CAD56801.1
CELE0002S00001687	11.426912	11.002302	1.34221	0.001306744	Y71F9AM.6.2	CE26244	WBGene00022122	Y71F9AM.6 TRQ95XT5
CELE0002S00001688	6.655565	6.41826	1.178789	0.03271494	C35E7.5b	CE32817	WBGene00016457	status:Partially_confirmed TRQ8IA60 protein_id:AAK84852.1
CELE0002S00001725	7.467179	7.086355	1.302085	0.01876659	T20F10.2	CE21191	WBGene00011864	status:Confirmed TRQ18092 protein_id:CAB04747.1
CELE0002S00001757	11.550973	11.210048	1.268568	0.000308081	ZK484.1.2	CE15337	WBGene00022748	ZK484.1 TR
CELE0002S00001777	6.300508	6.031846	1.20469	0.04059252	ZK1025.3	CE23491	WBGene00014183	status:Confirmed TRQ9XXL6 protein_id:CAA18370.1
CELE0002S00001814	10.178745	9.849751	1.442923	0.000764278	F53F10.3	CE28447	WBGene00018765	status:Confirmed SW:001578 protein_id:AAB52430.2
CELE0002S00001815	9.264755	8.924643	1.265855	0.01813458	F53F10.4	CE10966	WBGene00008833	locus:unc-108 RAS-related protein status:Confirmed TRQ01577 protein_id:AAB52431.1
CELE0002S00001826	11.211897	10.871855	1.265793	0.00008556	F31C3.1.1	CE17730	WBGene00000881	cyn-5 TRP52D13
CELE0002S00001828	11.277085	10.923619	1.277609	0.001325233	F31C3.1.2	CE17730	WBGene00000881	cyn-5 TRP52D13
CELE0002S00001842	6.170563	5.684214	1.400895	0.01313043	T08G6.6	CE37143	WBGene00011548	status:Confirmed TRQ18052 protein_id:CAB04705.2
CELE0002S00001860	9.036877	8.498607	1.45223	0.03810786	K07A3.1.2	CE21023	WBGene00001404	fbp-1 TRQ9N2M2
CELE0002S00001861	8.996817	8.654224	1.268034	0.01445662	W10D5.2.1	CE14780	WBGene00012376	W10D5.2 TRQ94380
CELE0002S00001862	10.160101	9.840983	1.247568	0.000389121	W10D5.2.2	CE14780	WBGene00012376	W10D5.2 TRQ94380
CELE0002S00001885	8.836047	8.486852	1.27385	0.00599579	ZC123.4c	CE37593	WBGene00022519	status:Partially_confirmed TRQ65CM2 protein_id:AAU67803.1
CELE0002S00001879	12.798411	12.725714	1.051681	0.0165438	F25H5.4.4	CE15900	WBGene00001167	eft-2 TRP29691
CELE0002S00001886	12.109508	11.756144	1.277536	0.00773408	F25H5.4.8			
CELE0002S00001888	12.106757	11.767717	1.264915	0.00366934	F25H5.4.9			
CELE0002S00001898	5.262714	4.969304	1.225534	0.04040914	B0261.8	CE34240	WBGene00015096	status:Confirmed TRQ7Z116 protein_id:AAP68963.1
CELE0002S00001908	9.000357	8.68682	1.258528	0.01869131	W09C5.1	CE20164	WBGene00012351	status:Confirmed TRQ9XTD3 protein_id:CAA21705.1
CELE0002S00001924	10.197621	9.969107	1.171628	0.00573739	W09C5.9	CE20172	WBGene00012355	status:Predicted TRQ9U328 protein_id:CAB63335.1
CELE0002S00001953	6.372021	6.263172	1.078368	0.0225737	M01G12.14	CE27588	WBGene00010825	status:Partially_confirmed TRQ62318 protein_id:CAB04619.2
CELE0002S00001962	6.34473	6.193449	1.110555	0.04989345	K04F10.4d	CE11734	WBGene00000254	locus:bli-4 endoprotease status:Confirmed
CELE0002S00001964	7.09838	6.802042	1.410828	0.000862123	K04F10.4f	CE33136	WBGene00000254	locus:bli-4 status:Confirmed TRQ8IA67 protein_id:AAO12410.1
CELE0002S00001968	11.883232	11.641247	1.182619	0.001633768	F27C1.7a.2	CE09719	WBGene00017856	F27C1.7 TRP91283
CELE0002S00001970	11.721612	11.3763	1.270426	0.000972445	F27C1.7a.3	CE09719	WBGene00017856	F27C1.7 TRP91283
CELE0002S00001974	8.396181	8.094426	1.232643	0.037414	ZC434.9a	CE25665	WBGene00013895	carboxypeptidase status:Partially_confirmed TRQ23318 protein_id:CAB00085.2
CELE0002S00001979	8.838548	8.633531	1.1527	0.02224015	F23C8.6	CE20715	WBGene00017735	status:Confirmed TRQ9TXD3 protein_id:AAD03134.1
CELE0002S00001964	11.215939	10.734521	1.398115	0.00078524	D1037.3.1	CE20622	WBGene00001501	ftn-2 TRQ9TYS3
CELE0002S00002001	7.796142	7.221174	1.489644	0.03140676	C44E4.1b.2	CE23595	WBGene00016650	C44E4.1 TRQ7KQ94
CELE0002S00002002	7.359875	6.813831	1.460077	0.002869636	C44E4.1b.3			
CELE0002S00002019	6.875167	6.640481	1.178651	0.04715524	W08D4.1	CE29602	WBGene00001843	locus:hge-1 HOMOGENTISATE 1,2-DIOXYGENASE (EC 1.13.11.5) (HOMOGENTISIC ACID OXYGENASE) (HOMOGENTISIC ACID OXIDASE) status:Confirmed SW:Q9Y041 protein_id:CAA22255.4
CELE0002S00002111	6.007699	5.47282	1.449021	0.02075224	ZC581.2	CE36773	WBGene00022632	serV/thr-protein kinase status:Predicted TRQ01773 protein_id:AAB54149.2

SEQ_ID	control	Expose	FoldChange	p-value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00002118	13.898817	13.701002	1.14696	0.02154178	Y108G6H.2a.4	CE20412	WBGene00003902	peb-1 TR:Q9U302
CELE0002S00002120	13.66228	13.447731	1.180341	0.03781699	Y108G6H.2a.5	CE20412	WBGene00003902	peb-1 TR:Q9U302
CELE0002S00002144	9.481954	9.17881	1.23383	0.04080253	ZC43.4.5	CE06580	WBGene00001337	locus:ers-2 glutamyl-trna synthetase status:Confirmed TR:Q23315 protein_id:CAB00060.1
CELE0002S00002151	6.798868	6.216576	1.497016	0.007174346	T28F4.1.2	CE08523	WBGene00012138	T28F4.1 TR:Q22849
CELE0002S00002165	10.240208	9.824816	1.333659	0.01557991	Y71F9B.1	CE24627	WBGene00022125	status:Partially_confirmed TR:Q9N4Q1 protein_id:AAF36017.1
CELE0002S00002171	10.838965	10.330868	1.420203	0.000588218	Y71F9B.4	CE22871	WBGene00004920	locus:snr-7 small nuclear ribonucleoprotein Sm G (snRNP core protein G) status:Confirmed SW:Q8N4G9 protein_id:AAF38015.1
CELE0002S00002181	7.151735	6.779532	1.294328	0.03591899	F15C11.1	CE17673	WBGene00004773	locus:sem-4 Zinc finger, C2H2 type (7 domains) status:Confirmed TR:Q17396 protein_id:CAA95798.1
CELE0002S00002195	12.510742	12.230416	1.214469	0.000802982	F11C3.3.5	CE09349	WBGene00006789	unc-54 TR:P02566
CELE0002S00002215	9.30305	9.089349	1.159659	0.03566395	F57B10.3b.3	CE33113	WBGene00019001	F57B10.3 TR:Q8IA68
CELE0002S00002218	9.134201	8.638508	1.41	0.0206134	C43E11.9	CE08887	WBGene00016807	status:Confirmed TR:P91154 protein_id:AAB37828.1
CELE0002S00002219	11.121112	10.573086	1.462104	0.0000289	F52A8.5.1	CE05912	WBGene00009918	F52A8.5 TR:Q20634
CELE0002S00002220	11.095828	10.587207	1.422492	0.001218823	F52A8.5.2	CE05912	WBGene00009918	F52A8.5 TR:Q20634
CELE0002S00002249	10.800394	10.348896	1.367459	0.01140826	F53G12.1	CE11006	WBGene00004274	locus:rab-11.1 RAS-related protein status:Confirmed TR:Q01803 protein_id:AAB54158.1
CELE0002S00002257	8.252811	7.73707	1.429728	0.01617991	F55A12.2b	CE30540	WBGene00018883	status:Confirmed TR:Q8T3H1 protein_id:AAM15579.1
CELE0002S00002282	11.103793	10.588226	1.429556	0.000111039	F46A9.5.2	CE10580	WBGene00004807	skr-1 TR:Q93847
CELE0002S00002312	9.623541	9.28405	1.28531	0.02886701	ZK973.10	CE23478	WBGene00003061	locus:lpd-5 status:Partially_confirmed TR:Q9N4L8 protein_id:AAF40003.1
CELE0002S00002338	9.585679	9.280881	1.235248	0.01375841	C47B2.4	CE17664	WBGene00003948	locus:pbs-2 Proteasome A-type and B-type status:Confirmed TR:Q62102 protein_id:CAB18855.1
CELE0002S00002363	10.655867	10.181457	1.38935	0.002101625	Y74C9A.2.2	CE24680	WBGene00022278	Y74C9A.2 TR:Q8N4D8
CELE0002S00002374	14.2302	13.95472	1.210397	0.00383831	C53H9.1	CE19381	WBGene00004441	locus:prl-27 60S ribosomal protein L27 status:Confirmed SW:P91914 protein_id:AAK68266.1
CELE0002S00002382	10.351336	10.161429	1.14089	0.01591805	R119.4.2	CE23925	WBGene00004143	pqr-59 TR:Q81708
CELE0002S00002386	9.014892	8.76106	1.192362	0.00968105	Y63D3A.6b	CE24548	WBGene00001047	locus:dnj-29 DnaJ domain status:Confirmed TR:Q9U1V9 protein_id:CAA21710.2
CELE0002S00002422	13.98416	13.775354	1.155731	0.000279188	B0041.4.1	CE07669	WBGene00004415	rpl-4 TR:Q02056
CELE0002S00002435	8.561423	8.360084	1.149765	0.04763921	CC4.2	CE36118	WBGene00003753	locus:nlp-15 status:Confirmed TR:Q7JK63 protein_id:CAB04013.2
CELE0002S00002453	11.426823	11.029549	1.317017	0.02545924	R11A5.4a.6			
CELE0002S00002476	9.545937	9.244082	1.232746	0.005977919	DY3.2.1	CE15748	WBGene00003052	lmn-1 TR:Q21443
CELE0002S00002487	8.198593	7.841998	1.2804	0.01810523	W02D3.1.1	CE14418	WBGene00020931	W02D3.1 TR:Q01618
CELE0002S00002521	8.98458	8.572974	1.330168	0.02387439	ZK484.2a	CE27353	WBGene00001819	locus:haf-9 transporter protein status:Confirmed TR:Q44897 protein_id:AAK39394.1
CELE0002S00002530	7.763998	7.265877	1.412371	0.01919964	Y37E3.17b	CE37062	WBGene00021355	status:Confirmed TR:Q8AW03 protein_id:AAT81177.1
CELE0002S00002559	8.057514	5.573328	1.398796	0.04589488	F37D6.2a	CE05819	WBGene00009508	Zinc finger, C2H2 type (2 domains) status:Partially_confirmed TR:Q20130 protein_id:CAA98848.1
CELE0002S00002585	5.675573	5.359116	1.245269	0.0417031	T05F1.10	CE26900	WBGene00000968	locus:dhe-4 Alcohol/other dehydrogenases, short chain type status:Confirmed TR:Q18030 protein_id:CAB04894.2
CELE0002S00002579	9.020406	8.715632	1.235225	0.02882907	T02E1.5	CE13054	WBGene00000967	locus:dhe-3 3-oxoacyl-CoA carrier protein reductase status:Partially_confirmed TR:Q02294 protein_id:CAB04884.1
CELE0002S00002595	10.952022	10.681688	1.208087	0.04729513	W04C9.2	CE18333	WBGene00021024	status:Partially_confirmed TR:Q9TZE0 protein_id:AAC68725.1
CELE0002S00002618	9.952018	9.411539	1.454455	0.001280827	Y63D3A.7.1			
CELE0002S00002656	7.096137	6.659527	1.35342	0.04612666	M01A10.2b	CE12230	WBGene00006594	locus:tom-1 status:Partially_confirmed TR:P91392 protein_id:AAB42274.1
CELE0002S00002668	5.567656	5.062197	1.419575	0.006237411	C48E7.7	CE08822	WBGene00016752	status:Predicted TR:Q8IG73 protein_id:AAK90528.1
CELE0002S00002749	6.55951	6.333879	1.169289	0.03879903	B0025.1a	CE24759	WBGene00006932	locus:vps-34 phosphatidylinositol 3-kinase status:Confirmed TR:Q9TXI7 protein_id:AAF23184.1
CELE0002S00002772	8.456417	7.967361	1.403526	0.000899559	F55C7.2	CE11170	WBGene00018688	status:Partially_confirmed TR:P91335 protein_id:AAG71107.1
CELE0002S00002818	5.688561	5.438274	1.187796	0.03485789	Y18D10A.10	CE21406	WBGene00012480	status:Partially_confirmed TR:Q9XW21 protein_id:CAA22313.1
CELE0002S00002821	7.770333	7.557167	1.159229	0.03107091	Y18D10A.12	CE21408	WBGene00012482	Lactin C-type domain status:Partially_confirmed TR:Q9XW11 protein_id:CAA22323.1
CELE0002S00002843	8.597449	8.40159	1.145408	0.04219137	C34B2.9	CE27816	WBGene00016394	status:Partially_confirmed TR:Q44958 protein_id:AAB97541.2
CELE0002S00002846	12.103045	11.565188	1.451814	0.00073371	K02F2.2	CE17154	WBGene00019322	S-adenosylhomocysteine hydrolase status:Confirmed SW:P27604 protein_id:AAB97585.1
CELE0002S00002868	11.788111	11.443209	1.270085	0.01705754	C44E4.6.1	CE08720	WBGene00016855	C44E4.6 TR:Q01805
CELE0002S00002870	11.865189	11.315945	1.463319	0.006780251	C44E4.6.2	CE08720	WBGene00016855	C44E4.6 TR:Q01805
CELE0002S00002871	7.798239	7.449402	1.271769	0.0242102	Y71F9B.5a	CE25569	WBGene00003006	locus:lin-17 status:Confirmed TR:Q94132 protein_id:AAF36028.1
CELE0002S00002872	10.16593	9.843408	1.250514	0.03265552	Y39G10AR.20	CE28980	WBGene00021475	status:Confirmed TR:Q95XR1 protein_id:AAK95887.1
CELE0002S00002884	10.076191	9.576802	1.413815	0.004548688	F39H11.5	CE20761	WBGene00003953	locus:pbs-7 Yeast NIP80 protein like status:Confirmed TR:P90868 protein_id:CAB03081.1
CELE0002S00002896	13.728456	13.484258	1.184434	0.001084947	F27C1.7b.1			
CELE0002S00002898	13.896244	13.583143	1.242375	0.0000981	F27C1.7b.2			
CELE0002S00002916	8.671563	8.319374	1.276466	0.01412805	ZK258.1a	CE27556	WBGene00004063	locus:pmr-1 E1-E2 ATPases status:Confirmed TR:Q9XTG4 protein_id:CAB05000.2
CELE0002S00002928	12.270992	11.733772	1.451173	0.0000674	F55C7.7d	CE19467	WBGene00008805	locus:unc-73 status:Confirmed TR:Q7JNG4 protein_id:AAC71111.1
CELE0002S00002953	9.192349	8.761207	1.3483	0.02975814	ZK337.1c	CE34451	WBGene00013969	status:Partially_confirmed TR:Q7YTU0 protein_id:CAD98728.1
CELE0002S00002965	7.014498	6.787634	1.170288	0.04929404	T26E3.4	CE24015	WBGene00012037	status:Confirmed TR:Q18131 protein_id:CAB04837.2
CELE0002S00002968	8.000974	7.732985	1.204128	0.04320245	F59C6.5	CE11464	WBGene00010326	NADH ubiquinone oxidoreductase status:Confirmed TR:Q93831 protein_id:CAB01876.1
CELE0002S00003027	7.158152	6.948472	1.158036	0.03221087	D2092.4	CE30438	WBGene00017065	status:Confirmed TR:P91194 protein_id:AAB42224.2
CELE0002S00003046	7.019801	6.821321	1.147489	0.04456035	C32E12.4	CE30496	WBGene00016330	status:Partially_confirmed TR:Q95Q77 protein_id:AAL16309.2
CELE0002S00003088	14.023855	13.863535	1.11738	0.01670712	Y106G6H.2b.2	CE36227	WBGene00003902	peb-1 TR:Q7K798
CELE0002S00003102	7.752427	7.397293	1.279104	0.00683288	Y48G8AL.13.2	CE22187	WBGene00021691	Y48G8AL.13 TR:Q9BL09

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00003128	8.037528	7.738214	1.232266	0.03924946	Y71G12B.11a	CE29914	WBGene00022151	status:Partially_confirmed TR:Q22860 protein_id:AAK73909.2
CELE0002S00003236	11.891999	11.537152	1.27885	0.01291292	F07A5.7.1	CE09197	WBGene00008754	unc-15 TR:P10567
CELE0002S00003240	12.033295	11.908248	1.090543	0.02451928	F07A5.7.5			
CELE0002S00003281	9.509595	9.084177	1.361709	0.004640617	Y71G12B.14	CE22886	WBGene00003090	locus:sm-8 U8 small nuclear RNA-associated Sm-like protein LSM8 status:Confirmed TR:Q95XN6 protein_id:AAK73913.1
CELE0002S00003287	10.6486	10.468436	1.133013	0.02619838	C48B6.10	CE27868	WBGene00016746	status:Confirmed TR:Q95ZM3 protein_id:AAK68256.1
CELE0002S00003368	7.243074	6.892066	1.275451	0.03007265	F33E2.2b.1			
CELE0002S00003406	8.311724	7.964697	1.271937	0.01267164	Y47G6A.21	CE37086	WBGene00021646	status:Confirmed TR:Q9BL81 protein_id:AAK29888.4
CELE0002S00003442	9.980447	9.767417	1.15912	0.02722568	Y71G12B.4	CE26253	WBGene00022144	status:Confirmed TR:Q95XM2 protein_id:AAK73930.1
CELE0002S00003463	8.355468	7.890846	1.379954	0.02639347	W03F11.1	CE14542	WBGene00021005	status:Confirmed TR:O01780 protein_id:AAK18984.1
CELE0002S00003488	9.045848	8.73216	1.242881	0.02645531	K05C4.1	CE19969	WBGene00003951	locus:pbe-5 Proteasome A-type and B-type status:Confirmed TR:Q9XUV0 protein_id:CAB04587.1
CELE0002S00003521	9.820996	9.290047	1.444879	0.00610979	T23H2.2	CE30456	WBGene00004924	locus:cnt-4 C2 domain protein status:Confirmed TR:P91493 protein_id:AAM15607.1
CELE0002S00003542	9.068292	8.575733	1.408936	0.004300143	Y54E10A.17	CE30044	WBGene00021835	status:Confirmed TR:Q8WTL3 protein_id:AAK68516.2
CELE0002S00003628	6.588266	6.253856	1.259115	0.04426246	C17E4.9	CE08258	WBGene00007646	sodium/potassium transporting ATPase beta chain status:Confirmed TR:Q93235 protein_id:CAB02752.1
CELE0002S00003646	8.442697	8.054629	1.30864	0.01783057	T27A3.1c	CE33190	WBGene00020838	status:Confirmed TR:Q86N67 protein_id:AAO21401.1
CELE0002S00003657	7.989752	7.553659	1.352935	0.000293337	K02E7.12.1	CE33414	WBGene00019316	K02E7.12 TR:Q86LS3
CELE0002S00003687	9.787377	9.227645	1.453702	0.0000501	F54A3.5	CE25901	WBGene00018784	status:Confirmed SW:Q9N4K0 protein_id:AAF35960.2
CELE0002S00003692	9.399542	9.082387	1.245871	0.03588352	C34F11.9a.2			
CELE0002S00003708	6.224799	5.654299	1.485038	0.03186652	T19D12.6	CE37555	WBGene00020581	laminin repeats: EGF-like repeats status:Partially_confirmed TR:Q22574 protein_id:AAC24426.3
CELE0002S00003716	8.204474	7.672765	1.445641	0.03632825	F13H8.7.1	CE02641	WBGene00017440	F13H8.7 TR:Q19437
CELE0002S00003721	9.634733	9.248553	1.308928	0.01389444	T08D8.1b	CE32930	WBGene00011522	status:Partially_confirmed TR:Q8N110 protein_id:CAD59157.1
CELE0002S00003744	6.677398	6.108306	1.48359	0.001350583	C17F4.2	CE08275	WBGene00015910	status:Partially_confirmed TR:O16542 protein_id:AAK31435.1
CELE0002S00003782	8.260238	7.723338	1.471105	0.009882132	F09E5.9	CE02616	WBGene00017287	status:Partially_confirmed TR:Q19255 protein_id:AAA79349.1
CELE0002S00003838	12.224859	11.691681	1.447113	0.000985385	F38A3.2	CE02214	WBGene00004300	locus:ram-2 collagen status:Confirmed TR:Q20136 protein_id:CAA50188.1
CELE0002S00003875	7.012225	6.620516	1.311947	0.01877535	F43C11.6	CE20780	WBGene00018383	status:Predicted TR:Q9U5B9 protein_id:AAF16610.1
CELE0002S00003907	7.718845	7.278563	1.358752	0.02803168	T02G5.14	CE29989	WBGene00020170	status:Partially_confirmed TR:Q8WQD4 protein_id:AAL38987.1
CELE0002S00003936	8.059301	7.546983	1.42634	0.02915893	K07D4.5	CE35991	WBGene00019485	status:Confirmed TR:O76574 protein_id:AAC26289.2
CELE0002S00003938	9.803258	9.24123	1.476343	0.01510462	K07D4.8	CE25937	WBGene00004135	locus:pgn-48 status:Confirmed TR:O76576 protein_id:AAK71376.1
CELE0002S00003939	9.631199	9.122859	1.422413	0.0000224	K07D4.9	CE32058	WBGene00019488	status:Confirmed TR:Q8ITW9 protein_id:AAK60512.1
CELE0002S00003940	6.099738	5.682481	1.335386	0.02375971	Y53C12B.5a	CE14902	WBGene00003100	locus:mab-3 DM DNA binding domain status:Partially_confirmed SW:Q18214 protein_id:CAB16489.1
CELE0002S00003956	10.265037	9.773275	1.406161	0.005288078	C08E3.1	CE08004	WBGene00015593	status:Predicted TR:O19654 protein_id:AAB70961.1
CELE0002S00003997	13.651519	13.398982	1.1913	0.02442467	C08A8.3	CE02454	WBGene00015514	17k antigen (O. volvulus) status:Confirmed TR:Q17698 protein_id:AAA81053.1
CELE0002S00004055	10.028809	9.625522	1.322518	0.01579021	F14F11.2	CE03210	WBGene00008820	status:Confirmed TR:Q19465 protein_id:CAA91093.1
CELE0002S00004062	8.6306	8.109988	1.434564	0.01025145	F43E2.2	CE28327	WBGene00016391	status:Partially_confirmed TR:O20292 protein_id:AAC71124.2
CELE0002S00004074	8.960318	8.38983	1.474768	0.001413025	F22E5.1	CE09553	WBGene00017703	status:Partially_confirmed TR:O16719 protein_id:AAB66167.1
CELE0002S00004092	9.353775	9.103791	1.189194	0.006185878	ZC101.2b	CE15030	WBGene00006787	locus:unc-52 UNC-52 membrane proteoglycan status:Partially_confirmed SW:Q08561 protein_id:CAB07704.1
CELE0002S00004114	9.434868	9.120783	1.243223	0.01333816	F10C17c.3	CE27941	WBGene00002054	ifb-2 TR:Q19286
CELE0002S00004118	5.734691	5.221834	1.426873	0.01124083	T26C5.2.2			
CELE0002S00004151	5.032094	4.647496	1.305494	0.02326238	Y38E10A.12	CE21592	WBGene00012590	status:Predicted TR:Q8NAJ9 protein_id:CAB54403.1
CELE0002S00004239	5.041716	4.733188	1.238443	0.0182094	C26D10.5b	CE30881	WBGene00001159	locus:eff-1 status:Confirmed TR:Q8T6A8 protein_id:CAD36481.1
CELE0002S00004314	5.859489	5.288876	1.485154	0.006823588	C17G10.4d	CE06845	WBGene00000383	locus:cde-14 status:Confirmed SW:P81299 protein_id:AAM54206.1
CELE0002S00004323	9.373581	9.083023	1.223113	0.000368116	K09E4.6	CE34928	WBGene00010723	status:Partially_confirmed TR:Q7YWX9 protein_id:CAE17873.1
CELE0002S00004327	8.140428	7.704259	1.353007	0.009950304	F32A5.5b	CE01275	WBGene00000169	locus:acp-1 status:Confirmed TR:Q8IG23 protein_id:AAK85321.1
CELE0002S00004346	7.577333	7.112891	1.379784	0.04529839	F01D5.8	CE18585	WBGene00008498	status:Partially_confirmed TR:Q9XVA7 protein_id:CAB04043.1
CELE0002S00004349	10.683473	10.353631	1.256876	0.000185898	T05A7.4.2	CE04890	WBGene00001976	hmg-11 TR:Q22204
CELE0002S00004365	10.857795	10.382729	1.389982	0.002966841	F52H3.7b.4			
CELE0002S00004376	8.532245	8.245398	1.219971	0.01616007	ZK250.1	CE15267	WBGene00022684	reverse transcriptase status:Predicted TR:O17305 protein_id:AAB71070.1
CELE0002S00004388	6.187554	5.681197	1.420459	0.02864835	Y48C3A.1	CE22133	WBGene00012985	status:Predicted TR:Q8NAG8 protein_id:CAB55098.1
CELE0002S00004392	10.583083	10.235922	1.272055	0.003372472	F13D12.6.1	CE02185	WBGene00008741	F13D12.6 TR:P52715
CELE0002S00004393	5.926316	5.388341	1.451933	0.03550202	Y49F6A.2	CE24393	WBGene00005280	locus:srh-57 7TM chemoreceptor, srh family status:Predicted TR:Q9N3M0 protein_id:AAF60725.1
CELE0002S00004396	10.727082	10.376131	1.275383	0.004746816	F13D12.6.3			
CELE0002S00004407	10.038499	9.498767	1.453702	0.002610935	Y110A2AL.4b	CE33473	WBGene00022441	status:Confirmed TR:Q88DM0 protein_id:AAO38587.1
CELE0002S00004414	6.166732	5.778774	1.30854	0.007832866	F15A4.4	CE33050	WBGene00005173	locus:arg-18 G-protein coupled receptor, arg family status:Predicted TR:O17819 protein_id:CAB02948.2
CELE0002S00004415	7.138281	6.834051	1.234759	0.04642484	F15A4.5	CE23657	WBGene00000840	7TM receptor status:Partially_confirmed TR:O17814 protein_id:CAB02943.2
CELE0002S00004416	10.781066	10.291881	1.384327	0.01205212	F15A4.6	CE15843	WBGene00008841	Toxocara surface glycoprotein like status:Confirmed TR:O17815 protein_id:CAB02944.1
CELE0002S00004428	5.709862	5.562001	1.107772	0.04109202	W06A11.3	CE05041	WBGene00021054	status:Partially_confirmed TR:Q23182 protein_id:AAA82411.1
CELE0002S00004435	8.057982	7.522225	1.449703	0.04512196	F44F4.1	CE00996	WBGene00009700	status:Partially_confirmed TR:Q20401 protein_id:CAA85452.1
CELE0002S00004460	8.585801	8.186661	1.318539	0.02084345	K01A2.10	CE19519	WBGene00019284	status:Partially_confirmed TR:Q8T250 protein_id:AAC69509.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00004482	8.243329	7.823608	1.337869	0.03452482	T23F4.2	CE32070	WBGene00020740	status:Partially_confirmed TR:O17281 protein_id:AAB71034.2
CELE0002S00004470	14.735678	14.542815	1.143188	0.01119442	F40F8.10.2	CE05849	WBGene00004478	rps-9 TR:Q20228
CELE0002S00004488	6.67885	6.316324	1.285497	0.01812693	K01A2.2b	CE33412	WBGene00001391	locus:far-7 status:Confirmed TR:Q86S19 protein_id:AAO38825.1
CELE0002S00004499	6.31511	6.010081	1.235443	0.008958628	F49C5.6	CE16083	WBGene00008254	locus:str-223 status:Predicted TR:O17880 protein_id:CAB04434.1
CELE0002S00004644	7.004976	6.650093	1.278882	0.02271331	F35D11.2a	CE32847	WBGene00004122	locus:pgn-35 status:Confirmed TR:Q20040 protein_id:AAA86749.2
CELE0002S00004646	6.893478	6.526497	1.289651	0.01288927	F35D11.2b	CE31802	WBGene00004122	locus:pgn-35 status:Confirmed TR:Q8MQ61 protein_id:AAM98023.1
CELE0002S00004651	7.89484	7.215183	1.394219	0.01122092	C18A3.6b	CE20518	WBGene00004287	locus:rab-3 synaptic vesicle-associated GTP-binding protein status:Confirmed SW:Q84988 protein_id:AAK68196.1
CELE0002S00004667	6.583422	6.07657	1.401384	0.01928652	Y9C2UA.1a	CE33005	WBGene00012421	status:Confirmed TR:Q9XXU0 protein_id:CAA15517.2
CELE0002S00004696	11.21154	10.833954	1.299168	0.01709048	F13D12.4a.1	CE02183	WBGene00000114	alh-8 TR:P52713
CELE0002S00004899	11.320348	10.960514	1.283278	0.02026333	F13D12.4a.4	CE02183	WBGene00000114	alh-8 TR:P52713
CELE0002S00004703	11.200942	10.91172	1.221981	0.00132081	Y38E10A.24.1	CE21805	WBGene00012602	Y38E10A.24 TR:Q9NAI7
CELE0002S00004704	11.537137	11.158658	1.299971	0.003513938	Y38E10A.24.2	CE21805	WBGene00012602	Y38E10A.24 TR:Q9NAI7
CELE0002S00004721	8.168768	7.732227	1.353354	0.0189122	ZK970.2	CE02402	WBGene00014172	CLPP-like protease status:Confirmed SW:Q27539 protein_id:CAA88886.1
CELE0002S00004723	10.398084	9.979593	1.33651	0.008218418	ZK970.4	CE02404	WBGene00006918	locus:vha-9 H ⁺ -transporting ATPase status:Confirmed SW:Q23680 protein_id:CAA88888.1
CELE0002S00004759	11.381179	10.837799	1.457383	0.003388723	C01G6.1a.1	CE00863	WBGene00000170	asp-2 TR:Q17571
CELE0002S00004776	10.573959	10.19681	1.298953	0.0121982	F33A8.5	CE17757	WBGene00009353	status:Confirmed SW:Q82215 protein_id:CAB04259.1
CELE0002S00004790	6.7982	6.388214	1.347221	0.0398319	F53C3.12.1	CE32872	WBGene00018755	F53C3.12 TR
CELE0002S00004799	10.447581	10.133738	1.243014	0.004409583	F42A8.2.1	CE01579	WBGene00006433	tag-55 TR:Q09545
CELE0002S00004800	10.590598	10.238419	1.278487	0.008285909	F42A8.2.2	CE01579	WBGene00006433	tag-55 TR:Q09545
CELE0002S00004822	10.185428	9.649978	1.449394	0.000109678	C08A8.8b	CE32117	WBGene00015517	status:Confirmed TR:Q8IG54 protein_id:AAH63461.1
CELE0002S00004823	8.121551	7.539552	1.498922	0.04928163	T14D7.1	CE23985	WBGene00011767	serine-pyruvate aminotransferase status:Partially_confirmed TR:Q94055 protein_id:CAB03384.2
CELE0002S00004910	5.585733	5.001943	1.498781	0.02148055	F45C12.4	CE10442	WBGene00018435	status:Partially_confirmed TR:O16746 protein_id:AAB66204.1
CELE0002S00004992	9.989495	9.630828	1.282418	0.04901589	R05F9.10	CE04813	WBGene00019893	TPR domain repeats status:Confirmed TR:Q21748 protein_id:AAH83170.1
CELE0002S00005041	8.834509	8.513778	1.248963	0.03088003	C5E12.1	CE32335	WBGene00016888	zinc-finger containing protein status:Partially_confirmed TR:Q18782 protein_id:AAH83429.1
CELE0002S00005057	6.587075	6.178024	1.327812	0.02337232	Y57G7A.1	CE19630	WBGene00021965	status:Confirmed TR:O78628 protein_id:AAC26298.1
CELE0002S00005070	4.927152	4.664417	1.199751	0.046022	Y57G7A.6	CE19635	WBGene00021969	status:Partially_confirmed TR:O78623 protein_id:AAC28299.1
CELE0002S00005104	6.501314	6.144844	1.280289	0.02814098	D2082.1	CE09088	WBGene00017055	status:Partially_confirmed TR:Q95X90 protein_id:AAK72083.1
CELE0002S00005123	8.195593	7.708009	1.402095	0.004038895	ZK1248.1b	CE29634	WBGene00002268	locus:lec-5 status:Confirmed TR:Q23428 protein_id:AAC71097.2
CELE0002S00005166	6.716416	6.406443	1.239684	0.02588165	F45D11.1.8			
CELE0002S00005186	7.104241	6.67271	1.348684	0.02102883	W07E6.3	CE17295	WBGene00021075	status:Predicted SW:Q9TVY2 protein_id:AAC78178.1
CELE0002S00005189	9.650902	9.255924	1.314923	0.01902502	ZK1248.3a	CE02903	WBGene00001224	locus:ehs-1 status:Confirmed TR:Q23418 protein_id:AAC71084.1
CELE0002S00005195	7.977916	7.694482	1.217088	0.04617095	K12H6.6b	CE33422	WBGene00019886	status:Partially_confirmed TR:Q86S83 protein_id:AAO38817.1
CELE0002S00005221	6.950722	6.454118	1.41089	0.01007892	Y57G7A.3b	CE36043	WBGene00021967	status:Partially_confirmed TR:Q7KPD3 protein_id:AAR12982.1
CELE0002S00005228	8.119974	7.751591	1.290905	0.03343821	ZK945.3	CE01734	WBGene00014165	pumilio-repeat like domain status:Confirmed SW:Q09822 protein_id:CAA88437.1
CELE0002S00005245	7.387458	6.835334	1.486243	0.03107364	F10C1.5	CE29753	WBGene00017326	D. melanogaster doublesex protein status:Confirmed TR:Q19291 protein_id:AAH93409.2
CELE0002S00005277	6.282099	5.989799	1.224591	0.02505535	F45E10.1e	CE34020	WBGene00006788	locus:unc-63 status:Partially_confirmed TR:Q7YXU0 protein_id:CAQ91631.1
CELE0002S00005279	6.420653	6.166942	1.19227	0.01508053	C41C4.2	CE35835	WBGene00005150	locus:sra-2 status:Partially_confirmed SW:Q09273 protein_id:CAA88099.3
CELE0002S00005293	6.688807	6.255313	1.3505	0.01918331	C04G6.4	CE32112	WBGene00015454	salt-stress induced peptide status:Partially_confirmed TR:Q17638 protein_id:AAA88010.2
CELE0002S00005313	11.984244	11.714997	1.205179	0.000455599	R53.4.1	CE03574	WBGene00011273	R53.4 TR:Q22021
CELE0002S00005314	12.073901	11.83588	1.179374	0.03810226	R53.4.2	CE03574	WBGene00011273	R53.4 TR:Q22021
CELE0002S00005325	7.325283	6.888034	1.35402	0.02708604	F15A4.11	CE23655	WBGene00008845	status:Partially_confirmed TR:Q9UJ33 protein_id:CAB54221.1
CELE0002S00005334	11.533178	11.308877	1.168211	0.04746174	F44G4.2.2	CE02229	WBGene00009712	F44G4.2 TR:Q20412
CELE0002S00005349	9.610367	9.037708	1.487262	0.002491158	ZK971.1	CE02408	WBGene00014175	status:Predicted TR:Q20750 protein_id:CAA88894.1
CELE0002S00005427	8.330518	8.132311	1.14727	0.02542307	K12D12.2.2	CE02271	WBGene00003789	rpp-3 TR:Q21438
CELE0002S00005488	13.3265	13.122531	1.151863	0.002577913	F44E5.1.3	CE18676	WBGene00009688	F44E5.1 TR:Q9XU97
CELE0002S00005586	7.657094	7.477565	1.132514	0.03676755	T06D8.3	CE02324	WBGene00011524	status:Partially_confirmed TR:Q22250 protein_id:CAA88968.1
CELE0002S00005587	8.159224	7.799813	1.282902	0.0250374	T06D8.5	CE02328	WBGene00011526	YER141W status:Confirmed TR:Q22251 protein_id:CAA88968.1
CELE0002S00005631	5.882647	5.440485	1.358658	0.03382661	Y54G11A.4	CE22475	WBGene00013215	status:Partially_confirmed TR:Q9XW02 protein_id:CAA22449.1
CELE0002S00005696	7.503598	7.359932	1.457672	0.04205726	C18E9.4	CE05296	WBGene00007684	status:Confirmed TR:Q18095 protein_id:CAA93855.1
CELE0002S00005712	5.610778	5.492537	1.085411	0.03088753	W09G10.1	CE28512	WBGene00000648	locus:cel-72 collagen status:Partially_confirmed TR:O16640 protein_id:AA586109.2
CELE0002S00005736	9.446869	8.951249	1.409731	0.01455694	Y57A10A.18	CE35684	WBGene00004167	locus:pgn-87 status:Partially_confirmed TR:Q9U207 protein_id:CAB60772.3
CELE0002S00005829	6.700289	6.239734	1.376071	0.01889367	K05F1.6a.1			
CELE0002S00005874	8.539007	8.007149	1.44579	0.01331158	G31C9.7	CE34721	WBGene00007841	status:Confirmed TR:Q7YX76 protein_id:CAE17718.1
CELE0002S00005895	7.305385	7.033773	1.207156	0.04940283	C24H12.4a	CE27728	WBGene00016073	helicase status:Confirmed TR:O17157 protein_id:AAB71200.2
CELE0002S00005896	8.234526	5.657999	1.491255	0.00585431	C01G6.7	CE00889	WBGene00007228	4'-coumarate-coA ligase status:Partially_confirmed TR:Q17677 protein_id:CAA84840.1
CELE0002S00005922	7.881509	7.392098	1.403874	0.04896933	F14E5.2b	CE36926	WBGene00008800	status:Confirmed TR:Q8BEU4 protein_id:CAH04737.1
CELE0002S00005966	4.77011	4.482269	1.220812	0.02206139	F59H6.9	CE20915	WBGene00019139	status:Confirmed TR:Q9N5Q0 protein_id:AAF39857.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00008000	7.375189	7.031216	1.269247	0.02831093	H43E16.1	CE19949	WBGene00019273	status:Partially_confirmed TR:Q9N5K0 protein_id:AAF39808.1
CELE0002S00008006	8.163989	7.748441	1.333805	0.007131917	F22B5.2	CE02197	WBGene00001230	locus:eif-3.G RNA binding protein status:Confirmed SW:Q19708 protein_id:CAA90354.1
CELE0002S00008018	8.175168	5.878538	1.410914	0.01231051	T27F7.2c	CE30457	WBGene00020867	status:Partially_confirmed TR:Q8T3C2 protein_id:AAM15611.1
CELE0002S00008019	8.809003	8.368581	1.357001	0.007292747	R153.1b	CE28641	WBGene00020114	status:Partially_confirmed TR:Q95ZQ6 protein_id:AAK77825.1
CELE0002S00008031	11.09466	10.64611	1.384668	0.01732537	F42G4.3b.2	CE20775	WBGene00006999	zyx-1 TR:Q9UJ3F5
CELE0002S00008107	6.650032	6.431087	1.163882	0.02681793	W07E6.1.1	CE28259	WBGene00021073	W07E6.1 TR:Q9TYV5
CELE0002S00008109	7.389142	6.888422	1.416882	0.0124037	W07E6.1.2	CE28259	WBGene00021073	W07E6.1 TR:Q9TYV5
CELE0002S00008150	6.383488	5.929787	1.389549	0.02891827	W03C9.6	CE32948	WBGene00012222	status:Partially_confirmed TR:Q23149 protein_id:CAA91359.2
CELE0002S00008191	6.423566	5.849954	1.488245	0.04691212	F32A5.6	CE28290	WBGene00004198	locus:prx-13 status:Confirmed SW:Q19951 protein_id:AAC46665.2
CELE0002S00008203	5.532861	5.270878	1.199126	0.04382826	R12C12.6	CE02851	WBGene00020026	status:Partially_confirmed TR:Q21960 protein_id:AAC46785.1
CELE0002S00008214	5.523974	5.179886	1.289524	0.02930828	F59E12.8	CE11532	WBGene00019123	status:Predicted TR:O01898 protein_id:AAB54258.1
CELE0002S00008239	9.04212	8.888913	1.279169	0.003454464	F58D12.1c.3			
CELE0002S00008311	8.554637	8.020483	1.448093	0.0383379	F19B10.1	CE09468	WBGene00017583	status:Confirmed TR:O02076 protein_id:AAB52931.1
CELE0002S00008384	9.076211	8.59181	1.399005	0.001522958	F41C3.5	CE02733	WBGene00018271	Serine carboxypeptidase status:Confirmed SW:P52717 protein_id:AAC46812.1
CELE0002S00008393	9.715971	9.192798	1.437112	0.03310431	ZK1290.3b	CE32085	WBGene00004398	locus:rol-8 status:Confirmed SW:P18831 protein_id:AAB93312.3
CELE0002S00008413	9.713839	9.143806	1.484558	0.04602932	R08B9.4	CE16302	WBGene00011055	dihydroxyvitamin D3-induced protein status:Confirmed TR:O17983 protein_id:CAB05788.1
CELE0002S00008430	9.283129	8.740589	1.456535	0.000039	F33A8.2.2	CE32885	WBGene00003756	rhp-18 TR:Q82211
CELE0002S00008448	8.839729	8.208781	1.349989	0.02036532	F59G1.1c	CE30378	WBGene00019127	status:Confirmed TR:Q8T3D8 protein_id:AAM15582.1
CELE0002S00008451	7.224623	6.708788	1.429821	0.02885727	B0457.6	CE34638	WBGene00007180	status:Predicted TR:Q7YX77 protein_id:CAE17716.1
CELE0002S00008462	10.498096	10.102604	1.313589	0.02701758	F13D12.4b	CE36262	WBGene00000114	locus:alh-8 status:Confirmed TR:Q7JM11 protein_id:CAF31502.1
CELE0002S00008469	11.030713	10.587883	1.378243	0.01170655	C17F4.7.1	CE27076	WBGene00015913	C17F4.7 TR:Q98KP8
CELE0002S00008472	11.332299	10.791626	1.454851	0.006374295	C17F4.7.4	CE27076	WBGene00015913	C17F4.7 TR:Q98KP8
CELE0002S00008478	7.0892	6.615124	1.389028	0.03512023	ZC204.5	CE15092	WBGene00005293	locus:srh-72 TTM chemoreceptor, srh family status:Predicted TR:P91536 protein_id:AAB37808.1
CELE0002S00008492	10.928309	10.717723	1.155555	0.02278872	T05H10.6b.1	CE32929	WBGene00011510	T05H10.6 TR:Q81111
CELE0002S00008529	10.245147	9.767565	1.392408	0.02314384	B0034.3b	CE27049	WBGene00000403	locus:cdh-11 status:Confirmed TR:Q9BIB6 protein_id:AAK31388.1
CELE0002S00008533	9.268926	8.772676	1.408588	0.02710042	E04D5.1a	CE37820	WBGene00008480	status:Confirmed TR:Q19052 protein_id:CAA91279.1
CELE0002S00008536	10.125092	9.758807	1.289208	0.000929251	C28D10.2a.2			
CELE0002S00008538	14.418811	14.241982	1.130397	0.01591168	F10E7.7.1	CE04362	WBGene00004447	rpl-33 TR:P49180
CELE0002S00008544	10.062356	9.588605	1.390842	0.002154922	K08F8.1e.1	CE37258	WBGene00010681	K08F8.1 TR:Q85ZB6
CELE0002S00008547	9.264133	8.757283	1.420944	0.01013402	K08F8.1e.4	CE37258	WBGene00010681	K08F8.1 TR:Q85ZB6
CELE0002S00008575	6.870584	6.49781	1.29484	0.01820534	M176.7	CE12472	WBGene00002200	locus:kin-16 tyrosine-protein kinase (KIN15W/KIN16 subfamily) (2 domains) status:Partially_confirmed SW:P34892 protein_id:CAB01652.1
CELE0002S00008627	9.355335	8.975793	1.300929	0.02191083	ZK822.3b	CE29162	WBGene00022781	status:Confirmed TR:Q96FW7 protein_id:AAL00881.1
CELE0002S00008630	10.164244	9.638558	1.441615	0.02712012	B0491.2.2	CE02104	WBGene00005016	sqt-1 TR:P12114
CELE0002S00008608	11.616739	11.404578	1.158422	0.03496744	C44B7.10.1	CE32326	WBGene00016630	C44B7.10 TR:Q18599
CELE0002S00008623	9.322884	8.889022	1.350845	0.03531801	C32D5.8b	CE37326	WBGene00016316	status:Confirmed TR:Q65ZJ7 protein_id:AAU20848.1
CELE0002S00008687	5.826836	5.328031	1.415003	0.01717469	F41G3.16	CE35534	WBGene00002097	locus:ins-14 status:Predicted TR:Q7JP82 protein_id:AAQ81270.1
CELE0002S00008693	8.193868	7.701461	1.40679	0.009702388	C29H12.2	CE02516	WBGene00016235	status:Confirmed TR:Q18315 protein_id:AAC46695.1
CELE0002S00008905	9.707673	9.437802	1.2057	0.04626502	C17G10.5.2			
CELE0002S00008929	8.112831	7.758784	1.279932	0.003341907	C13B4.2	CE15615	WBGene00006856	locus:usp-14 Queuine tme-ribosyltransferase status:Confirmed SW:Q17981 protein_id:CAB05785.1
CELE0002S00008943	7.092445	6.534732	1.471934	0.008856376	F26G1.2	CE02694	WBGene00017838	status:Predicted TR:Q19828 protein_id:AAK31499.1
CELE0002S00008946	5.398779	5.047591	1.275611	0.0354938	F26G1.4	CE02696	WBGene00017840	locus:tm-2 status:Partially_confirmed TR:Q19829 protein_id:AAK31501.1
CELE0002S00008988	7.899924	7.598888	1.233738	0.0168914	W10D9.1	CE14786	WBGene00021129	status:Predicted TR:Q17284 protein_id:AAB71055.1
CELE0002S00007003	9.448473	9.020269	1.345557	0.00768452	F43E2.7b	CE32864	WBGene00018395	status:Confirmed TR:Q8I7N5 protein_id:AAN39875.2
CELE0002S00007057	8.728794	8.210507	1.432254	0.0177881	ZK1320.9.1	CE01707	WBGene00014258	ZK1320.9 TR:Q09657
CELE0002S00007061	8.956421	8.657963	1.229829	0.008048782	F54D5.7.1	CE03411	WBGene00010052	F54D5.7 TR:Q20772
CELE0002S00007079	7.073009	6.537876	1.449076	0.02390279	ZK673.1	CE16742	WBGene00014057	status:Confirmed SW:Q09682 protein_id:CAA88488.1
CELE0002S00007092	11.028695	10.809837	1.336869	0.01029317	ZK673.7	CE01719	WBGene00006583	locus:tnc-2 troponin C status:Confirmed SW:Q09685 protein_id:CAA88482.1
CELE0002S00007098	7.097929	6.748587	1.273626	0.01709837	ZK1127.5	CE32083	WBGene00022852	status:Confirmed SW:Q23400 protein_id:AAB93426.2
CELE0002S00007122	8.871559	8.466391	1.324243	0.006461978	F08D12.3a	CE09236	WBGene00017247	status:Confirmed TR:P91237 protein_id:AAB37924.1
CELE0002S00007150	4.985371	4.598687	1.307385	0.01613205	F21D12.1b	CE20706	WBGene00003620	locus:nhr-21 status:Confirmed TR:Q19679 protein_id:AAO38854.1
CELE0002S00007158	11.928895	11.408305	1.434532	0.00863513	ZK892.1c	CE32781	WBGene00002266	locus:lcc-3 status:Confirmed TR:Q8H4A5 protein_id:CAD57720.1
CELE0002S00007165	8.597919	8.138896	1.374611	0.001653307	F26H11.2b	CE35295	WBGene00009180	status:Partially_confirmed TR:Q95ZU8 protein_id:CAC42289.2
CELE0002S00007184	9.778631	9.291725	1.401436	0.00053659	ZK622.3d.1	CE33505	WBGene00022781	ZK622.3 TR:Q86NB3
CELE0002S00007185	8.867629	8.447179	1.338345	0.003272859	ZK622.3d.2	CE33505	WBGene00022781	ZK622.3 TR:Q86NB3
CELE0002S00007186	6.097819	5.611218	1.400946	0.002218638	ZK622.3d.3	CE33505	WBGene00022781	ZK622.3 TR:Q86NB3
CELE0002S00007188	10.08199	9.53374	1.462311	0.005003151	ZK622.3d.5	CE33505	WBGene00022781	ZK622.3 TR:Q86NB3
CELE0002S00007205	8.30024	5.927417	1.294884	0.02941837	T14B4.4	CE02047	WBGene00006838	locus:tp-10 transpinn status:Confirmed TR:Q22479 protein_id:AAK31552.1

SEQ_ID	control	Expos	FoldChange	p-value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00007230	5.757192	5.615901	1.102892	0.03752083	M01D1.8	CE12256	WBGene00019703	status:Partially_confirmed TR:O17229 protein_id:AAB70992.1
CELE0002S00007273	5.564582	5.048543	1.430024	0.04410701	B0432.5b	CE37742	WBGene00000298	locus:cat-2 status:Partially_confirmed protein_id:AAV58890.1
CELE0002S00007285	13.225289	12.951722	1.208793	0.02810959	F08E5.15	CE32361	WBGene00006434	locus:tag-56 status:Confirmed TR:Q81G31 protein_id:AAH63412.1
CELE0002S00007293	9.933943	9.390858	1.457085	0.0028077	W02B12.3a	CE03783	WBGene00004698	locus:rsp-1 pre-mRNA splicing factor like protein status:Confirmed TR:Q23121 protein_id:CAA91395.1
CELE0002S00007295	10.803517	10.259966	1.457556	0.004621449	W02B12.3c	CE32945	WBGene00004698	locus:rsp-1 status:Confirmed TR:Q81106 protein_id:CAD59160.1
CELE0002S00007315	7.229449	6.833004	1.31626	0.02995029	C52E12.2a.1	CE30287	WBGene00006831	unc-104 TR:P23678
CELE0002S00007339	6.919704	6.569872	1.274412	0.04588095	D0289.4b	CE30509	WBGene00004207	locus:ptb-1 status:Partially_confirmed TR:Q8T3E6 protein_id:CAD30435.1
CELE0002S00007348	7.588243	7.024127	1.458127	0.001561997	K10H10.9	CE28603	WBGene00010764	status:Predicted TR:O45683 protein_id:CAB05782.2
CELE0002S00007434	10.263367	9.810472	1.368784	0.001027381	B0334.1	CE02932	WBGene00007142	Transferrin-like family status:Confirmed TR:Q17473 protein_id:CAA91371.1
CELE0002S00007480	6.210778	5.80209	1.327478	0.03108235	B0432.7	CE07745	WBGene00015188	status:Predicted TR:P09988 protein_id:AAH37892.1
CELE0002S00007505	9.09869	8.583774	1.428911	0.02369463	C50D2.5	CE32813	WBGene00018808	status:Partially_confirmed SW:Q81TY4 protein_id:AAH73870.1
CELE0002S00007512	8.596614	8.165819	1.341452	0.01088066	Y48E1C.1c	CE32975	WBGene00013014	status:Confirmed TR:Q810S7 protein_id:CAD59169.1
CELE0002S00007530	8.89533	8.595109	1.231333	0.005881536	T21B10.1.1			
CELE0002S00007532	9.514761	9.116423	1.317989	0.004196722	T21B10.1.2			
CELE0002S00007600	8.10604	5.755542	1.275001	0.04242915	R05H5.6	CE02293	WBGene00005071	locus:srb-6 status:Partially_confirmed SW:P54141 protein_id:CAA88729.1
CELE0002S00007625	10.451093	9.907376	1.457723	0.000760459	F54F11.2	CE11095	WBGene00010070	Zinc-binding metalloprotease status:Partially_confirmed TR:O45569 protein_id:CAB05739.1
CELE0002S00007640	6.277236	5.825568	1.367621	0.03091496	M151.2	CE12438	WBGene00019794	status:Predicted TR:O17119 protein_id:AAB70374.1
CELE0002S00007704	4.788562	4.484749	1.234403	0.04733885	Y67A10A.2	CE28716	WBGene00013247	status:Partially_confirmed TR:Q9U214 protein_id:CAB60764.2
CELE0002S00007772	5.932028	5.536647	1.315288	0.01727501	F57F10.1a	CE28476	WBGene00019018	Anion exchange protein status:Partially_confirmed TR:Q09570 protein_id:AAC46712.2
CELE0002S00007774	6.077206	5.709731	1.290093	0.04322291	F57F10.1b	CE31811	WBGene00019018	status:Confirmed TR:Q8MQ15 protein_id:AAM98009.1
CELE0002S00007776	10.567837	10.159768	1.326909	0.03268418	C15F1.7a	CE23550	WBGene00004930	locus:sod-1 superoxide dismutase status:Confirmed
CELE0002S00007779	11.332803	11.051567	1.215076	0.01208608	C15F1.7b	CE20508	WBGene00004930	locus:sod-1 status:Confirmed protein_id:AAV34795.1
CELE0002S00007822	6.823512	6.518908	1.23508	0.04451481	C58C10.11.1			
CELE0002S00007824	6.525932	6.081014	1.361237	0.04038955	C58C10.11.2			
CELE0002S00007855	7.299494	6.853233	1.362505	0.04658823	Y43H11A1.3	CE36034	WBGene00004166	locus:pgn-85 status:Partially_confirmed SW:Q95XZ5 protein_id:AAK39330.2
CELE0002S00007875	12.158256	11.661498	1.411039	0.000104557	T17H7.4g.1	CE31614	WBGene00001573	gcl-16 TR:Q8MPW5
CELE0002S00007891	8.070353	7.630837	1.356149	0.00369734	ZK353.6.3			
CELE0002S00007923	9.102091	8.739131	1.286062	0.003628614	Y71H2AR.1.2	CE27323	WBGene00022188	Y71H2AR.1 TR:Q9BL27
CELE0002S00007932	9.365087	9.008432	1.28223	0.004315958	C02F5.7a.1	CE24780	WBGene00015350	C02F5.7 TR:P34284
CELE0002S00007939	11.287431	10.731754	1.469858	0.00015483	ZC262.5	CE00285	WBGene00022582	ATPase epsilon chain status:Predicted SW:P34539 protein_id:AAK29993.1
CELE0002S00007940	7.913692	7.596459	1.245939	0.03331645	T20B6.3	CE13778	WBGene00020599	status:Predicted TR:O02049 protein_id:AAB52890.1
CELE0002S00007941	6.835237	6.478844	1.372107	0.03044927	Y11B2A.15	CE28632	WBGene00013737	protein-tyrosine sulphotransferase status:Confirmed SW:O77081 protein_id:CAC35844.1
CELE0002S00007949	10.847266	10.422005	1.342815	0.004510124	Y39A3CR.4	CE21855	WBGene00000941	locus:ddp-1 status:Confirmed TR:Q9N408 protein_id:AAF60525.1
CELE0002S00007973	10.748872	10.190802	1.472298	0.004294675	W05G11.6a	CE19610	WBGene00021043	phosphoenolpyruvate carboxykinase status:Confirmed TR:O44906 protein_id:AAG71149.1
CELE0002S00007994	7.683214	7.213977	1.365318	0.006311677	T21C12.1c.1	CE28083	WBGene00006784	unc-49 TR:Q9Y0I5
CELE0002S00008005	6.248263	5.896044	1.276523	0.01656277	D1044.5	CE01208	WBGene00017030	status:Predicted SW:P41953 protein_id:AAA50737.1
CELE0002S00008025	8.389351	8.123868	1.202207	0.03999589	C50C3.6	CE00122	WBGene00004187	locus:prp-8 status:Partially_confirmed SW:P34369 protein_id:AAA27977.1
CELE0002S00008040	8.751277	8.496148	1.193442	0.01957251	F35G12.2.4	CE31500	WBGene00009440	F35G12.2 TR:Q20049
CELE0002S00008058	5.725594	5.654074	1.050823	0.04314004	T23F11.3.1	CE33707	WBGene00011955	T23F11.3 TR:Q22695
CELE0002S00008080	8.690804	8.253092	1.354455	0.01456079	H38K22.5c.3			
CELE0002S00008170	14.041356	13.702843	1.264628	0.000537309	F53A3.3.1	CE10884	WBGene00004491	rps-22 TR:O17218
CELE0002S00008171	14.405239	14.084457	1.249007	0.001318474	F53A3.3.2	CE10884	WBGene00004491	rps-22 TR:O17218
CELE0002S00008223	8.061776	7.641134	1.338523	0.04043746	F56F11.4b	CE31008	WBGene00018991	status:Partially_confirmed TR:Q8MXF1 protein_id:AAM48537.1
CELE0002S00008236	8.844486	8.397713	1.362988	0.0376968	C16A3.10c.2	CE37708	WBGene00015814	C16A3.10 TR:Q5TYL8
CELE0002S00008244	8.362527	7.821551	1.454956	0.01083849	Y42G9A.3a	CE21870	WBGene00021533	status:Confirmed TR:Q9N4Z6 protein_id:AAF60555.1
CELE0002S00008280	9.791882	9.37685	1.333328	0.0240696	Y50D7A.7	CE26144	WBGene00000081	locus:eds-1 status:Confirmed SW:O45218 protein_id:AAK68514.1
CELE0002S00008310	11.375887	11.02614	1.274337	0.000167519	R05D3.6	CE00285	WBGene00019880	ATPase epsilon chain status:Predicted SW:P34539 protein_id:AAK21439.1
CELE0002S00008311	9.786289	9.213134	1.487774	0.007781039	K12H4.7b.1	CE32697	WBGene00019682	K12H4.7 TR:P34528
CELE0002S00008364	8.082695	7.842263	1.181348	0.009013008	ZK632.6	CE00423	WBGene00000567	locus:cnx-1 Cnrxin status:Confirmed SW:P34652 protein_id:CAA80183.1
CELE0002S00008376	5.77731	5.447778	1.256608	0.01992286	F01F1.14	CE01227	WBGene00017188	status:Partially_confirmed TR:Q19095 protein_id:AAC46847.1
CELE0002S00008384	5.837217	5.43617	1.320468	0.004560878	ZK688.5a	CE29168	WBGene00022800	status:Partially_confirmed SW:P34675 protein_id:AAL00883.1
CELE0002S00008388	6.568185	6.061728	1.418589	0.03610976	Y71H2AM.13	CE22953	WBGene00022178	status:Partially_confirmed TR:Q9BL43 protein_id:AAK29968.1
CELE0002S00008408	8.358938	7.832646	1.440223	0.0190888	K01A11.2	CE03450	WBGene00010450	Yeast YIL-0 like protein status:Partially_confirmed TR:Q21069 protein_id:CAA91342.1
CELE0002S00008455	8.397622	8.193541	1.151952	0.04615676	Y37D8A.1	CE20206	WBGene00000203	locus:arx-5 status:Confirmed SW:Q9XWV3 protein_id:CAA21538.1
CELE0002S00008458	10.426335	10.111617	1.243769	0.01142038	T05D4.1.1	CE18341	WBGene00011474	T05D4.1 TR:P54216
CELE0002S00008460	10.537186	9.999249	1.451895	0.007965449	T05D4.1.2	CE18341	WBGene00011474	T05D4.1 TR:P54216
CELE0002S00008482	7.97565	7.472444	1.41736	0.01691348	Y48A6B.13	CE19195	WBGene00012973	status:Partially_confirmed TR:Q9XXC7 protein_id:CAA19534.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpop_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00008498	8.878326	8.80097	1.211972	0.03464425	C30C11.1	CE00100	WBGene00016249	status:Confirmed SW:Q04907 protein_id:AAA27965.1
CELE0002S00008499	8.023649	7.724878	1.230096	0.02957979	C30C11.2	CE00101	WBGene00004460	locus:rp-3 Diphenol oxidase A2 status:Confirmed SW:Q04908 protein_id:AAA27966.1
CELE0002S00008517	8.52342	8.035585	1.402339	0.004500755	C04D8.1	CE33028	WBGene00015418	GTPase-activating protein status:Confirmed SW:P34288 protein_id:AAK1357.2
CELE0002S00008568	11.937713	11.597841	1.285644	0.03701277	F01F1.12a.4	CE01225	WBGene00017166	F01F1.12 TR:P46563
CELE0002S00008581	6.140789	5.782531	1.281877	0.02809701	H06I04.1c.3			
CELE0002S00008590	11.45455	10.99476	1.375342	0.002000003	R10E11.2.3			
CELE0002S00008633	8.933663	8.522894	1.329394	0.04864893	T12D8.9b.2			
CELE0002S00008637	12.776732	12.488457	1.220333	0.02780938	Y71H2AM.5.1	CE22939	WBGene00022170	Y71H2AM.5 TR:Q9BL34
CELE0002S00008639	13.030931	12.786115	1.184942	0.02016555	Y71H2AM.5.2	CE22939	WBGene00022170	Y71H2AM.5 TR:Q9BL34
CELE0002S00008641	8.959403	8.589006	1.292709	0.02225037	F01F1.8b	CE30647	WBGene00000381	locus:cot-8 status:Partially_confirmed TR:Q8MYQ9 protein_id:AAM22058.1
CELE0002S00008647	6.249977	5.974346	1.210523	0.02257168	ZK637.7b	CE28195	WBGene00002998	locus:lin-9 status:Partially_confirmed SW:P30630 protein_id:CAC42391.1
CELE0002S00008685	10.507294	9.927881	1.494241	0.000967391	W05G11.6b.1	CE14634	WBGene00021043	W05G11.6 TR:Q8ITY2
CELE0002S00008704	10.517591	10.297429	1.164884	0.00036534	ZK652.1	CE00446	WBGene00004918	locus:snr-5 small nuclear ribonucleoprotein Sm F (snRNP core protein P) status:Confirmed SW:P34659 protein_id:AAA28212.1
CELE0002S00008708	11.649911	11.132922	1.430966	0.00110205	ZK652.2	CE00448	WBGene00022783	locus:tom-7 status:Confirmed SW:P34680 protein_id:AAA28213.1
CELE0002S00008726	7.537578	6.99973	1.451805	0.01139422	Y92C3A.1	CE27338	WBGene00000404	locus:cdh-12 status:Partially_confirmed TR:Q9BL24 protein_id:AAK31572.1
CELE0002S00008772	9.291727	9.016768	1.20996	0.0332931	F20H11.3.2	CE09512	WBGene00003162	mdh-1 TR:Q02840
CELE0002S00008773	13.691834	13.33688	1.278945	0.000350116	F02A9.2.1	CE00133	WBGene00001385	far-1 TR:P34382
CELE0002S00008775	13.672298	13.40975	1.199595	0.002481031	F02A9.2.2	CE00133	WBGene00001385	far-1 TR:P34382
CELE0002S00008811	8.993313	8.686209	1.237222	0.0181603	F54D8.3a.5			
CELE0002S00008866	8.924493	8.639786	1.218163	0.02915571	K04G7.4a.2	CE01381	WBGene00019401	K04G7.4 TR:Q21233
CELE0002S00008868	9.183964	9.06237	1.087936	0.02020342	K04G7.4a.4	CE01381	WBGene00019401	K04G7.4 TR:Q21233
CELE0002S00008874	13.059628	12.708814	1.275457	0.03063922	C14B9.1.1	CE00072	WBGene00002011	hsp-12.2 TR:P34328
CELE0002S00008875	13.007782	12.742093	1.20221	0.002904123	C14B9.1.2	CE00072	WBGene00002011	hsp-12.2 TR:P34328
CELE0002S00008878	13.074645	12.830419	1.184457	0.000157065	C14B9.1.4	CE00072	WBGene00002011	hsp-12.2 TR:P34328
CELE0002S00008928	9.397755	9.161124	1.178238	0.04491668	B0338.8	CE00776	WBGene00002982	locus:lgg-3 status:Partially_confirmed TR:Q10831 protein_id:AAK18856.1
CELE0002S00008961	7.856931	7.536153	1.249004	0.0421138	Y39A1A.7	CE19126	WBGene00012646	status:Partially_confirmed TR:Q9XX25 protein_id:CAA21015.1
CELE0002S00008971	12.883073	12.473285	1.328491	0.008700933	W05B2.5	CE20147	WBGene00000668	locus:col-93 status:Confirmed TR:Q9U348 protein_id:CAB63321.1
CELE0002S00008995	5.047933	4.596525	1.367374	0.04684082	M04D8.6	CE00579	WBGene00010864	status:Partially_confirmed TR:Q21511 protein_id:CAA83814.1
CELE0002S00009013	7.999109	7.818009	1.133748	0.04603409	F08F8.8	CE27935	WBGene00017273	status:Partially_confirmed TR:Q95ZW1 protein_id:AAK88311.1
CELE0002S00009014	12.345684	12.08535	1.197756	0.007234105	T07C4.4	CE35363	WBGene00004988	locus:spp-1 status:Confirmed TR:Q22291 protein_id:CAA82577.2
CELE0002S00009017	10.150397	9.578396	1.486584	0.003010229	T07C4.7	CE00598	WBGene00003225	locus:mav-1 Succinate dehydrogenase cytochrome b chain status:Confirmed SW:P41958 protein_id:CAA82572.1
CELE0002S00009033	10.663925	10.278282	1.30646	0.02375239	K02F3.4.1	CE23848	WBGene00019327	K02F3.4 TR:
CELE0002S00009059	6.375615	5.841918	1.447834	0.0117325	T17H7.4i	CE33939	WBGene00001573	locus:gei-16 status:Partially_confirmed TR:Q86DC7 protein_id:AAP31429.1
CELE0002S00009061	11.535926	10.995802	1.454299	0.00000328	C24A1.1	CE32138	WBGene00016028	status:Partially_confirmed TR:Q17058 protein_id:AAB70310.2
CELE0002S00009140	6.753873	6.264701	1.403639	0.02877733	F25B5.7c	CE29285	WBGene00017778	status:Confirmed TR:Q95J00 protein_id:AAL02496.1
CELE0002S00009179	10.56898	10.35859	1.155398	0.04793741	R07E5.2.3			
CELE0002S00009190	7.896595	7.678157	1.163473	0.02710786	F01F1.6.1	CE01232	WBGene00000115	alh-9 TR:P46562
CELE0002S00009224	8.308441	7.804741	1.417845	0.0464106	R107.4c	CE31819	WBGene00011299	status:Confirmed SW:P32742 protein_id:CAD45600.1
CELE0002S00009233	11.010412	10.770813	1.180664	0.0413359	Y71H2B.4	CE24631	WBGene00022194	status:Confirmed TR:Q9N4F0 protein_id:AAF38033.1
CELE0002S00009300	7.330573	6.819527	1.425083	0.00325179	K02D10.1b	CE28423	WBGene00019301	status:Confirmed SW:P34492 protein_id:AAL06038.1
CELE0002S00009394	12.792437	12.536119	1.194426	0.0357981	F23H11.5.1	CE09613	WBGene00000263	bra-2 TR:Q01917
CELE0002S00009397	12.803009	12.501994	1.232011	0.02755754	F23H11.5.2	CE09613	WBGene00000263	bra-2 TR:Q01917
CELE0002S00009404	11.862937	11.356199	1.420834	0.0000631	F14F7.1.2	CE15821	WBGene00000673	col-98 TR:Q17805
CELE0002S00009407	7.402737	7.072771	1.256984	0.009822968	ZK757.4a	CE32089	WBGene00014075	status:Confirmed SW:Q8WQ4 protein_id:CAD54174.2
CELE0002S00009413	9.270921	8.708409	1.476838	0.008346829	F45Q2.4	CE16047	WBGene00009732	status:Confirmed SW:Q62246 protein_id:CAB07613.1
CELE0002S00009452	9.016687	8.463761	1.446861	0.01179772	C29E4.8.2	CE29198	WBGene00016205	C29E4.8 TR:P34346
CELE0002S00009461	7.528962	7.305903	1.167287	0.02806598	T21C12.1d	CE28084	WBGene00006784	locus:unc-49 gamma-aminobutyric-acid receptor status:Confirmed TR:Q9Y014 protein_id:CAC42348.1
CELE0002S00009467	8.35863	8.02231	1.282532	0.003848785	H06I04.6	CE37388	WBGene00019170	status:Confirmed TR:Q85XY5 protein_id:AAU20844.1
CELE0002S00009519	11.189048	10.831386	1.281348	0.0000196	Y119D3B.21.2			
CELE0002S00009520	11.479925	11.00014	1.394536	0.0000256	Y119D3B.21.3			
CELE0002S00009522	11.607761	11.188861	1.336908	0.0000141	Y119D3B.21.4			
CELE0002S00009523	11.35927	10.873527	1.400307	0.000000159	Y119D3B.21.5			
CELE0002S00009528	11.169773	10.763793	1.324989	0.01085301	Y119D3B.21.7			
CELE0002S00009548	6.514462	6.291848	1.166846	0.04822751	F42G9.5a.1			
CELE0002S00009565	4.949017	4.653973	1.226922	0.02773799	F25F2.1a	CE17702	WBGene00009115	serine/threonine kinase status:Partially_confirmed TR:Q19784 protein_id:CAA84659.1
CELE0002S00009591	9.670177	9.384048	1.219364	0.03318082	F54H12.1a	CE25005	WBGene00000041	locus:aco-2 Aconitate hydratase status:Confirmed SW:P34465 protein_id:AAA28050.2
CELE0002S00009592	9.042953	8.758683	1.217794	0.03059835	F54H12.1b	CE30144	WBGene00000041	locus:aco-2 status:Partially_confirmed TR:Q8WQF0 protein_id:AAL65788.1

SEQ_ID	control	Expos	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00009594	9.05832	8.808595	1.19083	0.02401099	F54H12.1c	CE32436	WBGene00000041	locus:aco-2 status:Confirmed TR:Q8IG17 protein_id:AA63393.1
CELE0002S00009641	10.045934	8.828397	1.162747	0.03840854	C16C10.11.2			
CELE0002S00009679	9.932837	9.671315	1.198577	0.02406179	K12H4.6	CE00271	WBGene00019681	status:Predicted SWP34527 protein_id:AAA28094.1
CELE0002S00009707	9.308225	8.7719	1.448264	0.0000395	Y82E9BR.22	CE38517	WBGene00022354	status:Predicted TR:Q7KWZ2 protein_id:AA580255.1
CELE0002S00009717	8.451994	8.008303	1.36008	0.02894632	C35D10.16	CE28899	WBGene00000204	locus:arx-6 status:Partially_confirmed SWP58798 protein_id:AAK93841.1
CELE0002S00009740	12.583987	12.437642	1.106782	0.0484101	C54C6.1.4			
CELE0002S00009742	8.484539	8.134853	1.274283	0.0485202	C54C6.1.5			
CELE0002S00009748	9.214971	8.859914	1.279036	0.04956822	C16A3.10a	CE04010	WBGene00015814	ornithine aminotransferase precursor status:Confirmed SW:Q18040 protein_id:AAD31050.2
CELE0002S00009752	9.397842	8.984944	1.331357	0.01567723	W04B5.1	CE28846	WBGene00021018	status:Confirmed TR:Q9UA59 protein_id:AA0889142
CELE0002S00009784	9.161746	8.696872	1.380197	0.01359027	C14B9.2.1	CE30801	WBGene00015752	C14B9.2 TRP34329
CELE0002S00009785	9.208368	8.888676	1.248064	0.04656554	C14B9.2.2	CE30801	WBGene00015752	C14B9.2 TRP34329
CELE0002S00009786	9.445782	9.135288	1.240132	0.01599922	C14B9.2.3			
CELE0002S00009790	4.683494	4.348453	1.281413	0.03958989	F52C9.2	CE01960	WBGene00018673	cell division control protein status:Predicted SW:Q10122 protein_id:AAA81081.1
CELE0002S00009809	12.053281	11.863436	1.140641	0.03879402	K11D9.2b.3			
CELE0002S00009824	7.981947	7.550982	1.348135	0.01342318	Y41C4A.8	CE31838	WBGene00012753	status:Partially_confirmed TR:Q9U2J8 protein_id:CAB63355.2
CELE0002S00009825	9.344504	8.899197	1.361604	0.008597428	F53A2.7.1	CE16099	WBGene00009952	F53A2.7 TR:O45552
CELE0002S00009829	9.874681	9.412159	1.377929	0.01497884	F53A2.7.2	CE16099	WBGene00009952	F53A2.7 TR:O45552
CELE0002S00009839	6.680657	6.322093	1.264497	0.01312213	K08E3.10	CE37122	WBGene00023451	status:Confirmed TR:Q89Z12 protein_id:CAH10811.1
CELE0002S00009855	9.163704	8.738826	1.342459	0.01539681	Y82E9BR.18b	CE23368	WBGene00022348	status:Confirmed TR:Q7Z1Q8 protein_id:AAP46282.1
CELE0002S00009879	10.442082	10.047618	1.314454	0.007546624	C40H1.6	CE00114	WBGene00008041	status:Confirmed SW:Q03598 protein_id:CAA79557.1
CELE0002S00009908	5.677447	5.109872	1.48203	0.01757671	F34D10.3	CE00963	WBGene00009373	status:Partially_confirmed TR:Q19993 protein_id:CAA84315.1
CELE0002S00009923	9.237563	8.915958	1.249722	0.01667207	T02C1.2	CE34979	WBGene00011366	status:Partially_confirmed TR:Q7YWU1 protein_id:CAE17940.1
CELE0002S00009926	14.962999	14.691488	1.207071	0.0000961	ZK652.4.3	CE00450	WBGene00004449	rpl-35 TRP34682
CELE0002S00009930	14.931581	14.775488	1.114281	0.007381509	ZK652.4.5	CE00450	WBGene00004449	rpl-35 TRP34682
CELE0002S00009975	6.89489	6.37455	1.434293	0.03615413	Y39A3CL.5b.1	CE33220	WBGene00000545	clp-4 TR:Q8IAA8
CELE0002S00010009	8.66897	8.163204	1.419877	0.02797441	Y54F10AM.2a	CE27287	WBGene00001410	locus:feh-1 status:Partially_confirmed TR:Q9BKZ9 protein_id:AAK29940.1
CELE0002S00010017	8.932164	8.608509	1.251497	0.009722159	ZK1098.7	CE00596	WBGene00014224	status:Confirmed SW:P34748 protein_id:CAA80139.1
CELE0002S00010023	9.829995	9.352339	1.392479	0.009915272	F55H2.2	CE00209	WBGene00010130	locus:vha-14 Membrane-associated atpase gamma chain status:Confirmed SW:P34462 protein_id:CAA81600.1
CELE0002S00010080	5.40975	5.357217	1.037084	0.02412516	F40G9.10	CE19857	WBGene00018246	status:Predicted TR:Q9TZ75 protein_id:AAC88804.1
CELE0002S00010082	8.222898	5.934273	1.221476	0.04780389	F40G9.12	CE19859	WBGene00018247	status:Predicted TR:Q9TZ78 protein_id:AAC88791.1
CELE0002S00010095	8.971384	8.535904	1.352361	0.01801242	K12H4.5.9			
CELE0002S00010141	11.672554	11.205195	1.382576	0.0000059	H14A12.2b.1	CE32457	WBGene00001503	fum-1 TR:Q8ITZ0
CELE0002S00010146	11.710281	11.216728	1.407908	0.00000383	H14A12.2b.2	CE32457	WBGene00001503	fum-1 TR:Q8ITZ0
CELE0002S00010149	11.788837	11.382579	1.343744	0.00000745	H14A12.2b.3	CE32457	WBGene00001503	fum-1 TR:Q8ITZ0
CELE0002S00010151	11.503375	10.998521	1.41898	0.0000188	H14A12.2b.4	CE32457	WBGene00001503	fum-1 TR:Q8ITZ0
CELE0002S00010204	9.536271	8.958588	1.49245	0.02057593	T02C12.1	CE01061	WBGene00002038	locus:hym-5 myosin IA status:Confirmed TR:Q27328 protein_id:CAA84673.1
CELE0002S00010244	8.155757	7.745016	1.329368	0.00071918	K11H3.6	CE34934	WBGene00010783	status:Partially_confirmed TR:Q7YWY8 protein_id:CAE17682.1
CELE0002S00010247	8.998655	8.640756	1.282447	0.01802934	T12D8.4	CE33831	WBGene00011732	status:Confirmed TR:O45782 protein_id:CAB03344.2
CELE0002S00010262	5.560377	5.206589	1.277912	0.009129597	B0285.8	CE33590	WBGene00000511	locus:ckb-1 choline kinase status:Confirmed SW:P48558 protein_id:CAA84300.2
CELE0002S00010324	7.953948	7.49483	1.374892	0.04577951	K08E5.3b	CE37256	WBGene00003482	locus:mua-3 status:Confirmed TR:Q8ZC2 protein_id:CAH19103.1
CELE0002S00010332	11.499946	11.017632	1.396883	0.009251986	T27E9.2.2	CE14285	WBGene00012094	T27E9.2 TR:O45864
CELE0002S00010355	7.888507	7.567223	1.249442	0.02697647	F17C8.4	CE00958	WBGene00004311	locus:ras-2 Ras-like protein status:Confirmed TR:Q19524 protein_id:CAA84798.1
CELE0002S00010378	11.805163	11.482082	1.26848	0.002219283	C06G4.2b.3	CE37744	WBGene00000542	clp-1 TR
CELE0002S00010379	6.930714	6.418763	1.426977	0.04051998	H10E21.3a	CE28733	WBGene00003670	locus:nhr-80 zinc finger protein status:Confirmed TR:O78668 protein_id:AAK82901.1
CELE0002S00010480	9.518468	9.172202	1.271286	0.000476124	K04H4.2a.2	CE32463	WBGene00010573	K04H4.2 TRP34504
CELE0002S00010512	10.794967	10.313397	1.396282	0.004115522	Y56A3A.19	CE22587	WBGene00013237	scyl-carrier protein status:Confirmed TR:Q9U241 protein_id:CAB80498.1
CELE0002S00010526	5.926992	5.787977	1.101153	0.03474523	F37A4.3	CE00709	WBGene00018133	status:Partially_confirmed SW:P41881 protein_id:AAA50831.1
CELE0002S00010540	7.355206	7.288631	1.047228	0.01926444	D2007.1	CE00126	WBGene00017041	status:Partially_confirmed SW:P34375 protein_id:AAA27997.1
CELE0002S00010573	7.53484	7.113164	1.339483	0.02425078	R148.5b	CE32711	WBGene00020104	status:Partially_confirmed TR:Q8ITY9 protein_id:AA685301.1
CELE0002S00010587	8.143731	7.780575	1.304192	0.02849819	F02A9.4b	CE33612	WBGene00008514	status:Confirmed SW:P34384 protein_id:CAA79619.2
CELE0002S00010626	6.249343	5.827267	1.398654	0.007110002	F10E9.6c	CE36129	WBGene00003243	locus:mig-10 status:Partially_confirmed TR:Q7JQ80 protein_id:AA25848.1
CELE0002S00010651	10.396832	10.095026	1.232687	0.01459671	R08D7.6a	CE35749	WBGene00011146	Cyclic GMP phosphodiesterase status:Partially_confirmed SW:P30845 protein_id:CAA78052.2
CELE0002S00010652	9.4317	8.888034	1.457762	0.003688412	Y32H12A.3	CE21514	WBGene00000973	locus:dha-9 dehydrogenase status:Confirmed TR:Q9N538 protein_id:AAAF80488.1
CELE0002S00010685	7.030098	6.86553	1.287486	0.03957548	Z6F4.10a	CE29495	WBGene00004879	locus:rt-1 arginyl tRNA synthetase status:Confirmed SW:Q19825 protein_id:AAA91224.2
CELE0002S00010758	6.89763	6.113651	1.498978	0.001142514	Y39E4B.12a.1	CE24240	WBGene00001630	gly-5 TR:Q95ZJ1
CELE0002S00010779	11.990468	11.737284	1.191851	0.02105809	Y22D7AL.10	CE27242	WBGene00021248	status:Confirmed TR:Q965Q1 protein_id:AAK84584.1
CELE0002S00010794	8.688733	8.230155	1.355268	0.02344873	C05B5.1	CE00620	WBGene00007319	status:Predicted SWP34289 protein_id:CAA83590.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpop_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00010806	8.401215	8.122182	1.213381	0.01648864	Y68A7A.6.2	CE15691	WBGene00001633	gly-8 TR:O45293
CELE0002S00010808	5.32533	4.981615	1.26902	0.02732582	C05B5.4	CE00880	WBGene00007321	status:Partially_confirmed SW:P34292 protein_id:CAA83591.1
CELE0002S00010888	6.52744	6.134467	1.313097	0.02813889	H14E04.1	CE29973	WBGene00019198	status:Partially_confirmed TR:Q97YTP1 protein_id:AAD12813.2
CELE0002S00010926	7.790835	7.372821	1.336272	0.000334248	C28H8.3.1	CE29195	WBGene00016194	C28H8.3 TR:Q09475
CELE0002S00010984	9.090614	8.578321	1.426315	0.0128039	F54E7.7.1	CE31002	WBGene00004321	rcn-1 TR:P53806
CELE0002S00010986	9.070805	8.533582	1.451177	0.0283115	F54E7.7.2	CE31002	WBGene00004321	rcn-1 TR:P53806
CELE0002S00010978	5.510946	4.945948	1.479385	0.04672289	R107.2	CE23917	WBGene00011298	Uncharacterized protein family UPF0031 status:Partially_confirmed SW:P32740 protein_id:CAA78469.2
CELE0002S00010997	9.782073	9.363837	1.336293	0.01407219	C23G10.2c	CE37748	WBGene00018011	status:Confirmed protein_id:AAV58884.1
CELE0002S00011017	8.668981	8.300731	1.288998	0.002240389	Y49E10.2	CE22220	WBGene00013029	status:Confirmed TR:Q8XTU9 protein_id:CAB11547.1
CELE0002S00011072	11.084401	10.734137	1.274794	0.005534311	F13B10.1b	CE15818	WBGene00006575	locus:tr-1 SAM domain (Sterile alpha motif) status:Partially_confirmed TR:Q17802 protein_id:CAA90181.1
CELE0002S00011081	8.672112	8.229383	1.359173	0.01581422	M01G5.3	CE29983	WBGene00019716	status:Partially_confirmed TR:Q76887 protein_id:AAC26843.2
CELE0002S00011098	10.724982	10.159953	1.479417	0.04543967	K04H4.1b	CE36390	WBGene00001293	locus:comb-9 collagen status:Partially_confirmed SW:P17139 protein_id:CAE52901.2
CELE0002S00011132	6.134005	5.655556	1.393245	0.03493192	ZK121.1	CE29827	WBGene00022683	status:Confirmed TR:Q9N4P2 protein_id:AAF39994.2
CELE0002S00011152	7.944607	7.754392	1.140934	0.02758497	Y39A1A.24	CE19124	WBGene00012680	status:Confirmed TR:Q9XX20 protein_id:CAA21020.1
CELE0002S00011157	8.557382	8.260758	1.228267	0.04815807	Y66D12A.24	CE31843	WBGene00013448	status:Partially_confirmed TR:Q95PZ5 protein_id:CAC70143.2
CELE0002S00011163	6.71916	6.407774	1.240899	0.0178859	F21H11.3	CE01245	WBGene00006543	locus:tbx-2 status:Partially_confirmed SW:Q19691 protein_id:AAF98909.1
CELE0002S00011176	9.352409	9.152778	1.149405	0.01777509	F37C12.3	CE33082	WBGene00018151	status:Confirmed TR:Q20122 protein_id:AAC48302.2
CELE0002S00011198	9.015226	8.613625	1.320975	0.03794767	Y53G8AL.2.2	CE26163	WBGene00021800	Y53G8AL.2 TR:Q9N3H3
CELE0002S00011203	6.422931	6.212429	1.157091	0.0488152	C05D11.12	CE29662	WBGene00002855	locus:let-721 YAAS status:Confirmed SW:Q11190 protein_id:AAB53835.2
CELE0002S00011207	12.592518	12.553931	1.027107	0.0380957	C14B9.7.1	CE00078	WBGene00004433	rpl-21 TR:P34334
CELE0002S00011208	8.985056	8.797901	1.138516	0.01458829	T12D8.1.1			
CELE0002S00011287	12.382011	11.955429	1.344048	0.001421428	T07C4.5.1	CE03639	WBGene00011561	T07C4.5 TR:Q22288
CELE0002S00011289	12.197381	11.742965	1.370228	0.009192234	T07C4.5.3			
CELE0002S00011335	6.764184	6.23496	1.443153	0.04721416	Y50D7A.3b	CE30027	WBGene00021753	status:Confirmed TR:Q8WTL5 protein_id:AAL32252.1
CELE0002S00011342	6.715655	6.239408	1.39112	0.04133508	R151.10	CE27168	WBGene00020113	status:Confirmed TR:Q9Y1A1 protein_id:AAK29860.1
CELE0002S00011350	13.013665	12.803518	1.328821	0.00000421	T20G5.7	CE00587	WBGene00011869	locus:dod-6 status:Confirmed TR:Q22913 protein_id:CAA83008.1
CELE0002S00011415	9.110633	8.733388	1.298859	0.01312699	T05E11.3.1	CE06362	WBGene00011480	T05E11.3 TR:Q22235
CELE0002S00011420	11.102988	10.832504	1.208198	0.01651438	T05E11.3.3			
CELE0002S00011432	10.484299	10.152814	1.258308	0.03587699	F09D12.1	CE16971	WBGene00001899	locus:grd-10 status:Partially_confirmed TR:Q44471 protein_id:AAB92033.1
CELE0002S00011457	8.03069	7.888542	1.267643	0.04170873	ZK617.1b	CE33018	WBGene00006759	locus:unc-22 Fibronectin type III domain (31 domains), 1G (immunoglobulin) superfamily (18 domains), calcium/calmodulin dependent protein kinase status:Partially_confirmed TR:Q23551
CELE0002S00011469	8.282276	8.068998	1.159327	0.04308233	C02F4.5	CE07856	WBGene00007265	status:Partially_confirmed TR:Q93186 protein_id:CAB02721.1
CELE0002S00011482	5.431569	5.037775	1.313844	0.0135489	F38A5.12	CE10048	WBGene00018169	status:Predicted TR:Q94214 protein_id:AAB09158.1
CELE0002S00011485	7.836485	7.38574	1.366748	0.008648377	D202A.5a	CE27896	WBGene00017053	status:Confirmed TR:Q18971 protein_id:AAA82285.2
CELE0002S00011532	11.288415	10.838064	1.366373	0.00169372	T12G3.2b.1	CE36199	WBGene00011738	T12G3.2 TR:Q7JLZ0
CELE0002S00011537	7.358009	6.936278	1.339534	0.0214625	H04M03.12	CE20931	WBGene00019156	status:Partially_confirmed TR:Q9TYQ7 protein_id:AAD12797.1
CELE0002S00011544	8.571371	8.268367	1.233711	0.04733659	W03D2.1a	CE28501	WBGene00004157	locus:pgn-75 status:Partially_confirmed TR:Q02123 protein_id:AAC48255.2
CELE0002S00011563	11.286788	10.860048	1.344193	0.02115752	K08D12.3b	CE31712	WBGene00019537	status:Confirmed TR:Q8MXU9 protein_id:AAM98003.1
CELE0002S00011599	8.120432	7.753149	1.289921	0.00097972	ZK354.4	CE02806	WBGene00003468	locus:mnp-113 major sperm protein (MSP-113) status:Confirmed SW:P53017 protein_id:AAB42255.1
CELE0002S00011624	10.622978	10.061388	1.475895	0.001058503	Y67H2A.5.23			
CELE0002S00011630	10.726826	10.158299	1.483009	0.001852011	Y67H2A.5.26			
CELE0002S00011647	6.996194	6.468531	1.441592	0.001347898	C39E9.8a	CE27838	WBGene00008032	status:Confirmed TR:Q18541 protein_id:CAA94333.2
CELE0002S00011654	10.4468	10.122915	1.251523	0.007462213	F37C4.5a	CE17048	WBGene00018145	status:Confirmed TR:Q44400 protein_id:AAB95171.1
CELE0002S00011684	10.749784	10.22482	1.438898	0.01596299	Y67H2A.5.32			
CELE0002S00011679	10.755732	10.204586	1.465249	0.007946334	Y67H2A.5.38			
CELE0002S00011680	5.912759	5.373932	1.452791	0.02303196	Y116A8C.29	CE35648	WBGene00013806	status:Partially_confirmed TR:Q9U2U2 protein_id:CAB55135.2
CELE0002S00011718	8.764394	8.558397	1.153491	0.03571028	Y116A8C.34	CE24152	WBGene00000889	locus:cyn-13 status:Confirmed TR:Q9U2S6 protein_id:CAB55151.1
CELE0002S00011754	10.655413	10.293028	1.285549	0.004310135	Y54G2A.18	CE25482	WBGene00021883	status:Confirmed TR:Q9N3B5 protein_id:AAF59580.1
CELE0002S00011799	6.393938	6.258464	1.098454	0.04739107	C09G12.9	CE34675	WBGene00015658	status:Partially_confirmed TR:Q78258 protein_id:AAC25822.2
CELE0002S00011813	6.827494	6.333977	1.225624	0.04387378	R05G6.10	CE30103	WBGene00019902	Cell Division control protein status:Confirmed TR:Q21758 protein_id:AAB00628.2
CELE0002S00011828	6.333313	6.020168	1.242415	0.04566778	Y54G2A.32	CE29123	WBGene00021894	status:Confirmed TR:Q95XX6 protein_id:AAL00869.1
CELE0002S00011936	7.933863	7.401185	1.446612	0.03591837	C10G8.1a	CE27677	WBGene00015880	status:Partially_confirmed TR:Q17902 protein_id:AAB00620.2
CELE0002S00011999	9.276855	8.983889	1.225156	0.03408555	Y57G11C.10	CE14944	WBGene00001558	locus:gdi-1 GDI-1 GDP dissociation inhibitor status:Confirmed TR:Q21449 protein_id:CAB15511.1
CELE0002S00012019	9.312016	8.79297	1.433007	0.0145302	ZK593.7	CE06628	WBGene00003081	locus:ism-7 Yeast JTA107 like status:Confirmed TR:Q23543 protein_id:CAA93428.1
CELE0002S00012026	8.826977	8.364093	1.378294	0.04620809	Y105C5B.5	CE24081	WBGene00013647	status:Confirmed TR:Q9U315 protein_id:CAB80313.1
CELE0002S00012054	10.956445	10.703996	1.191228	0.03879032	C28C12.7a	CE29486	WBGene00004995	locus:spp-10 status:Confirmed TR:Q18276 protein_id:AAB37550.2
CELE0002S00012069	10.769092	10.580609	1.139565	0.02136813	T07A9.9a.2	CE17218	WBGene00020297	T07A9.9 TR:Q44411

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00012142	5.923779	5.639876	1.217484	0.03912135	C47A4.3	CE19739	WBGene00008124	Ser/Thr protein phosphatase status:Confirmed TR:Q8U3L7 protein_id:CAB62794.1
CELE0002S00012147	11.10917	10.686734	1.340189	0.004167353	C47A4.5	CE19740	WBGene00008125	status:Partially_confirmed TR:Q9U3L6 protein_id:CAB62795.1
CELE0002S00012221	8.257529	7.890381	1.481592	0.03634691	W08D.2.4	CE25153	WBGene00001395	locus:fat-3 status:Confirmed TR:Q23221 protein_id:CAA94233.2
CELE0002S00012223	6.476113	6.214109	1.199143	0.008433202	W08D.2.5	CE32950	WBGene00012341	Transport ATPase like status:Partially_confirmed SW:Q27533 protein_id:CAA94236.2
CELE0002S00012235	7.083729	6.479166	1.499585	0.02296427	R102.4a	CE23913	WBGene00011291	Yeast GLY1 like status:Partially_confirmed SW:Q21890 protein_id:CAB54291.1
CELE0002S00012245	7.756803	7.53405	1.168958	0.04407465	Y41D4A.4	CE21847	WBGene00021506	status:Partially_confirmed TR:Q95Y24 protein_id:AAK68454.1
CELE0002S00012254	5.866755	5.311931	1.468989	0.034783	Y41D4A.8	CE21846	WBGene00021510	status:Partially_confirmed TR:Q95Y20 protein_id:AAK68458.1
CELE0002S00012281	12.34066	11.910978	1.346937	0.01853592	Y73B6L.9a	CE26293	WBGene00001853	locus:hil-2 histone H1.2 status:Partially_confirmed
CELE0002S00012308	8.675596	8.177358	1.412487	0.01555777	W09C2.3a	CE32951	WBGene00003151	locus:mca-1 calcium ATPase, isoform a status:Confirmed
CELE0002S00012325	8.986988	8.621324	1.288475	0.02221258	Y76B12C.8	CE23063	WBGene00022302	status:Confirmed TR:Q95Y40 protein_id:AAL00878.1
CELE0002S00012361	9.814092	9.414583	1.148307	0.009974704	Y57G11C.9b	CE24477	WBGene00013307	status:Partially_confirmed TR:Q9U202 protein_id:CAB54458.1
CELE0002S00012369	8.110288	7.624603	1.400251	0.01158699	C23H5.9	CE17442	WBGene00001729	locus:grt-20 status:Confirmed TR:Q61832 protein_id:AAC17537.1
CELE0002S00012374	7.630473	7.216988	1.331899	0.01611144	ACT.2a	CE25736	WBGene00004929	locus:soc-2 status:Confirmed TR:Q22876 protein_id:AAB03417.3
CELE0002S00012378	8.49651	8.245986	1.189639	0.03154427	F56B3.3	CE17884	WBGene00018929	status:Partially_confirmed TR:Q45112 protein_id:AAK29828.1
CELE0002S00012398	7.251308	6.776094	1.387235	0.01375275	Y118A8C.28a.2	CE32234	WBGene00013805	Y118A8C.28 TR:Q8101
CELE0002S00012408	11.458822	10.910385	1.4625	0.004444474	F26D12.1d	CE36589	WBGene00001439	locus:fdy-7 status:Partially_confirmed TR:Q88ME7 protein_id:AAQ91733.2
CELE0002S00012456	6.744534	6.237345	1.421278	0.04448562	C01B10.6b.1			
CELE0002S00012487	8.809498	8.359948	1.385614	0.02194128	ZK180.4.2			
CELE0002S00012497	10.669286	10.227372	1.358404	0.02098255	F01G10.1	CE09163	WBGene00008506	transketolase status:Confirmed TR:Q17759 protein_id:CAB02889.1
CELE0002S00012535	12.467585	12.347817	1.079055	0.04270092	F01G4.6	CE09162	WBGene00008505	F01G4.6 TR:P40614
CELE0002S00012543	5.921192	5.681415	1.18081	0.04747598	Y37E11B.5	CE19815	WBGene00021377	status:Partially_confirmed TR:Q9TYN2 protein_id:AAD12825.1
CELE0002S00012546	7.651085	7.24273	1.327172	0.0331748	Y37E11B.7	CE19817	WBGene00021379	status:Confirmed TR:Q9TYN0 protein_id:AAD12820.1
CELE0002S00012581	10.091773	9.950083	1.103212	0.02860862	W03D2.3	CE14510	WBGene00020980	status:Predicted TR:Q02117 protein_id:AAC48254.1
CELE0002S00012619	10.308887	9.776039	1.446582	0.002144421	F49C12.12	CE03372	WBGene00009881	status:Confirmed TR:Q20589 protein_id:CAA92515.1
CELE0002S00012633	9.021607	8.68245	1.265017	0.001088649	E04A4.7.3	CE18968	WBGene00017121	E04A4.7 TR:P19974
CELE0002S00012656	11.594118	11.292636	1.23241	0.003452087	C45E5.6a	CE08734	WBGene00003636	locus:nhr-46 nuclear hormone receptor status:Confirmed TR:Q18648 protein_id:AAC24291.1
CELE0002S00012657	11.802599	11.455519	1.271984	0.008573485	C45E5.6b	CE29226	WBGene00003638	locus:nhr-46 status:Partially_confirmed TR:Q95QR2 protein_id:AAL02488.1
CELE0002S00012671	8.39626	7.974803	1.33927	0.01118228	T20D3.8	CE03874	WBGene00011859	status:Confirmed TR:Q01257 protein_id:CAA92488.1
CELE0002S00012728	9.813738	9.387653	1.362338	0.01230635	B0350.2d.1	CE37895	WBGene00008780	unc-44 TR:Q5TYL5
CELE0002S00012730	8.412305	7.923568	1.403216	0.002127488	C32H11.7	CE19714	WBGene00007870	status:Partially_confirmed TR:Q9XUH0 protein_id:CAB05141.1
CELE0002S00012735	7.178471	6.9469	1.174113	0.006870894	C32H11.9	CE19716	WBGene00007872	status:Partially_confirmed TR:Q9XUH4 protein_id:CAB05135.1
CELE0002S00012737	13.105075	12.687561	1.335624	0.005770827	C29F4.1	CE03038	WBGene00000699	locus:col-125 collagen status:Confirmed TR:Q18302 protein_id:CAA92729.1
CELE0002S00012746	11.020429	10.562053	1.373994	0.001158725	F59B8.2.2	CE03438	WBGene00010317	F59B8.2 TR:Q21032
CELE0002S00012788	12.829686	12.326172	1.234147	0.000151771	B0548.1.1	CE16792	WBGene00015248	B0548.1 TR:Q44441
CELE0002S00012772	9.435813	8.910611	1.439136	0.01498703	Y105C5A.12	CE23193	WBGene00013638	status:Predicted TR:Q7K702 protein_id:CAB54991.1
CELE0002S00012773	6.748508	6.172775	1.48837	0.02888604	Y105C5A.13	CE36217	WBGene00013637	status:Confirmed TR:Q9N878 protein_id:CAB54992.2
CELE0002S00012831	8.411575	7.887944	1.437589	0.003489328	F20C5.2b	CE03239	WBGene00002222	locus:klp-11 kinesin status:Partially_confirmed TR:Q8MQ88 protein_id:CAD36488.1
CELE0002S00012838	8.483041	8.059703	1.341027	0.002068997	M117.1	CE32910	WBGene00010918	sodium/potassium/phosphate transporter status:Partially_confirmed TR:Q21538 protein_id:CAA98134.2
CELE0002S00012874	6.818624	6.204801	1.332211	0.01283568	Y55F3B.5	CE22540	WBGene00021942	status:Partially_confirmed TR:Q9N352 protein_id:AAF59605.1
CELE0002S00012895	10.11497	9.967488	1.107638	0.01590088	F01D4.4.2	CE09156	WBGene00001189	agl-21 TR:Q17754
CELE0002S00012905	11.243603	10.784409	1.374774	0.01488795	F01D4.4.7			
CELE0002S00012909	4.622412	4.377492	1.185027	0.01900434	H12I19.8	CE34902	WBGene00010395	status:Predicted TR:Q7YWW6 protein_id:CAE17901.1
CELE0002S00012911	5.422984	4.917592	1.419509	0.01989455	C47E12.9	CE32612	WBGene00008152	status:Partially_confirmed TR:Q18676 protein_id:CAA93103.2
CELE0002S00012952	7.869081	7.438031	1.348214	0.02641176	K11H12.8a	CE12160	WBGene00019664	status:Confirmed TR:P91373 protein_id:AAC24402.1
CELE0002S00012983	6.039864	5.869834	1.125082	0.0269196	F42C5.6	CE33645	WBGene00018348	status:Partially_confirmed TR:Q20326 protein_id:AAA81483.2
CELE0002S00013018	7.639645	7.205143	1.351444	0.03771356	Y38F2AL.6	CE21818	WBGene00021418	status:Partially_confirmed TR:Q8WMT4 protein_id:AAL32237.1
CELE0002S00013020	7.036837	6.50235	1.448427	0.01422412	C48A7.1a	CE28820	WBGene00001187	locus:egl-19 calcium channel alpha subunit status:Confirmed TR:Q18898 protein_id:AAB03158.4
CELE0002S00013058	5.294913	4.749982	1.458951	0.03482934	Y17G9B.2	CE24182	WBGene00021199	status:Partially_confirmed TR:Q9N573 protein_id:AAF60451.1
CELE0002S00013123	9.790004	9.35836	1.34877	0.01633721	K11H12.7	CE12158	WBGene00019663	status:Confirmed TR:P91372 protein_id:AAC24401.1
CELE0002S00013124	10.334845	9.828156	1.420786	0.002693058	R07H5.8.1	CE12564	WBGene00011128	R07H5.8 TR:Q93934
CELE0002S00013125	10.297338	9.958427	1.264802	0.01729438	R07H5.8.2	CE12564	WBGene00011128	R07H5.8 TR:Q93934
CELE0002S00013132	6.369279	6.050792	1.247022	0.04119184	Y73B6BR.1a	CE25588	WBGene00004169	locus:pgn-89 status:Confirmed TR:Q9N2X8 protein_id:AAF60877.1
CELE0002S00013133	6.274267	5.888148	1.325116	0.04115651	Y73B6BR.1b	CE33954	WBGene00004169	locus:pgn-89 status:Partially_confirmed TR:Q86D5 protein_id:AAP31420.1
CELE0002S00013150	9.130356	8.933929	1.145857	0.0431755	Y24D9A.8a.1	CE28974	WBGene00021286	Y24D9A.8 TR:Q986C7
CELE0002S00013232	7.745538	7.203992	1.455531	0.001300311	R09H10.5	CE12666	WBGene00011182	EGF domains status:Partially_confirmed TR:Q21884 protein_id:CAB00874.1
CELE0002S00013278	9.021166	8.473251	1.481971	0.002805161	Y77E11A.12b	CE37590	WBGene00022313	status:Partially_confirmed TR:Q80F73 protein_id:AAU87808.1
CELE0002S00013302	7.058573	6.618091	1.357058	0.00065933	C31H1.6b	CE32600	WBGene00016289	status:Confirmed TR:Q8I7L5 protein_id:AAH84855.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00013341	9.436446	9.016189	1.338166	0.02029382	T25B9.2	CE06508	WBGene00012015	T25B9.9 TR-Q17761
CELE0002S00013393	12.33674	12.195599	1.102777	0.03055353	Y57G11C.15.1	CE14954	WBGene00013311	Y57G11C.15 TR-O18239
CELE0002S00013395	12.541193	12.19122	1.274537	0.000960588	Y57G11C.15.2	CE14954	WBGene00013311	Y57G11C.15 TR-O18239
CELE0002S00013397	12.363111	12.14123	1.166253	0.004505259	Y57G11C.15.3	CE14954	WBGene00013311	Y57G11C.15 TR-O18239
CELE0002S00013405	10.234476	9.961628	1.208191	0.01405742	Y69A2AR.28	CE26562	WBGene00022099	status:Confirmed TR-Q95XH0 protein_id:AAK68573.1
CELE0002S00013437	6.005119	5.583237	1.339674	0.005739768	Y37E11A.R.2	CE21549	WBGene00021369	status:Confirmed
CELE0002S00013453	7.688025	7.158156	1.423921	0.01676227	Y69A2AR.31	CE27519	WBGene00022100	status:Partially_confirmed TR-Q95XG5 protein_id:AAK68577.1
CELE0002S00013478	11.424804	11.105521	1.24771	0.0432233	Y69A2AR.18c	CE33241	WBGene00022089	status:Confirmed TR-Q86DM7 protein_id:AAO21417.1
CELE0002S00013522	9.170707	8.607677	1.477369	0.008100109	F41H10.7	CE10284	WBGene00001243	locus:elo-5 integral membrane protein status:Partially_confirmed TR-Q20300 protein_id:AAK28809.1
CELE0002S00013654	10.4854	9.966728	1.432636	0.007995328	C17H12.14	CE19362	WBGene00006917	locus:wha-8 ATPase status:Confirmed TR-Q85X44 protein_id:AAK67210.1
CELE0002S00013708	5.740933	5.256637	1.398903	0.02372747	Y71G10A.R.1	CE25576	WBGene00022135	status:Partially_confirmed TR-Q9N2Y6 protein_id:AAF60870.1
CELE0002S00013722	8.780362	8.336595	1.360151	0.03289584	C52D10.1	CE17586	WBGene00016875	status:Confirmed TR-Q96N3 protein_id:AAK77201.1
CELE0002S00013767	6.165751	5.860234	1.235881	0.04161155	F28D1.3	CE05743	WBGene00009213	locus:thn-1 Arabidopsis pathogenesis-related protein 5 like status:Partially_confirmed TR-Q19874 protein_id:CAA94598.1
CELE0002S00013816	8.503275	8.006757	1.410804	0.04369963	Y66H1B.4.2			
CELE0002S00013820	7.19494	6.832115	1.285941	0.03202248	Y11D7A.4	CE19030	WBGene00004281	locus:rab-28 Ras family status:Partially_confirmed TR-Q9XWR6 protein_id:CAA21582.1
CELE0002S00013905	8.475883	8.179549	1.22802	0.005500757	C47E12.1.3	CE05445	WBGene00005663	ars-2 TR-Q18878
CELE0002S00013912	5.599914	5.442808	1.11505	0.04410997	M04B2.5	CE36554	WBGene00006678	locus:twk-25 potassium channel protein status:Predicted TR-Q21505 protein_id:GAB01238.2
CELE0002S00013913	9.344748	8.760169	1.499601	0.01497697	M04B2.6	CE34942	WBGene00010848	status:Predicted TR-Q7YTL7 protein_id:CAE17885.1
CELE0002S00013963	10.572334	10.230909	1.267007	0.000178863	Y67H2A.5.7			
CELE0002S00013983	7.82409	7.229049	1.31498	0.007236211	F33D4.8	CE37229	WBGene00023487	status:Confirmed TR-Q688C0 protein_id:AAU05573.1
CELE0002S00014027	11.038241	10.478782	1.473716	0.02107486	F19C7.1	CE04415	WBGene00017591	status:Confirmed TR-Q19591 protein_id:AAA83510.1
CELE0002S00014032	6.35956	6.217113	1.103791	0.04346444	C52D10.8.2			
CELE0002S00014041	9.116447	8.586281	1.444095	0.03745398	Y57G11C.24c	CE35199	WBGene00001330	locus:eps-8 epidermal growth factor receptor kinase substrate status:Partially_confirmed TR-Q18249 protein_id:GAB16526.2
CELE0002S00014050	4.793134	4.566421	1.170166	0.04695628	Y39C12A.5	CE21706	WBGene00012707	status:Predicted TR-Q9U2L6 protein_id:GAB80490.1
CELE0002S00014075	8.984749	8.665402	1.230587	0.003105599	F38A5.7	CE10038	WBGene00018164	status:Confirmed TR-Q94207 protein_id:AAB09151.1
CELE0002S00014077	5.615286	5.239236	1.297784	0.04078075	F38A5.9	CE10042	WBGene00018166	status:Predicted TR-Q94208 protein_id:AAB09153.1
CELE0002S00014085	10.393543	10.104718	1.221645	0.003230761	ZK809.3.1	CE03831	WBGene00014086	ZK809.3 TR-Q23597
CELE0002S00014096	10.624859	10.193537	1.348469	0.003803392	ZK809.3.2	CE03831	WBGene00014086	ZK809.3 TR-Q23597
CELE0002S00014122	12.288026	11.864834	1.340891	0.000121485	Y5F2A.1.1	CE19022	WBGene00012382	Y5F2A.1 TR-P55955
CELE0002S00014124	12.255472	11.71884	1.450582	0.002465893	Y5F2A.1.2	CE19022	WBGene00012382	Y5F2A.1 TR-P55955
CELE0002S00014182	9.15608	8.808974	1.461152	0.03012698	C26B2.3a	CE17474	WBGene00003625	locus:nhr-31 zinc finger protein status:Confirmed SW-Q18192 protein_id:AAC24283.1
CELE0002S00014195	8.795867	8.352163	1.380092	0.04903527	T14G10.2a.2	CE28080	WBGene00004254	pxf-1 TR-Q21218
CELE0002S00014199	5.289672	4.822265	1.382622	0.04676655	T21D12.9a	CE28415	WBGene00020649	status:Confirmed TR-Q965M2 protein_id:AAK72063.1
CELE0002S00014220	5.680855	5.244284	1.353384	0.04301909	C49A9.4	CE37492	WBGene00016758	status:Confirmed TR-Q44162 protein_id:AAK29793.2
CELE0002S00014230	5.131285	5.032094	1.071173	0.04697105	F55B11.1	CE16116	WBGene00010083	xanthine dehydrogenase status:Partially_confirmed TR-O17892 protein_id:GAB05902.1
CELE0002S00014269	7.054002	6.668882	1.305988	0.04273405	F11A10.2	CE28910	WBGene00008683	status:Confirmed TR-Q19335 protein_id:CAA92593.2
CELE0002S00014277	7.399447	7.233613	1.121814	0.04786763	Y37E11B.1b	CE34609	WBGene00021374	status:Partially_confirmed TR-Q7Y2W9 protein_id:AAP82633.1
CELE0002S00014309	6.180468	5.855799	1.252377	0.04757228	Y62E10A.9.2	CE24543	WBGene00004278	rab-19 TR-Q9U1W9
CELE0002S00014312	9.131231	8.868313	1.199903	0.01197079	M18.2	CE36658	WBGene00010888	dynein like status:Confirmed SW-Q21557 protein_id:CAA92827.2
CELE0002S00014324	7.435839	7.207396	1.17157	0.01100361	Y55F3BL.2	CE37575	WBGene00021936	status:Partially_confirmed TR-Q85XW9 protein_id:AAU87812.1
CELE0002S00014330	8.074938	7.587811	1.401651	0.01729309	Y38C1AB.4	CE25254	WBGene00021406	status:Predicted TR-Q9N531 protein_id:AAF60499.1
CELE0002S00014336	7.917725	7.407285	1.424485	0.007095264	Y38C1AB.8	CE27782	WBGene00001492	locus:frm-5 status:Predicted TR-Q9N530 protein_id:AAF60494.2
CELE0002S00014339	14.73174	14.304786	1.344392	0.005006394	T28C6.4	CE03749	WBGene00000691	locus:col-117 cuticle collagen status:Confirmed TR-Q27318 protein_id:CAA90995.1
CELE0002S00014345	14.820945	14.511828	1.238949	0.000137684	T28C6.6	CE03749	WBGene00000594	locus:col-3 cuticle collagen status:Confirmed TR-Q27318 protein_id:CAA90997.1
CELE0002S00014354	10.884403	10.361914	1.250486	0.02830775	F36H1.1	CE05813	WBGene00001426	locus:fkf-1 FK506-binding protein status:Confirmed TR-Q20107 protein_id:CAA92894.1
CELE0002S00014367	12.213231	11.809984	1.322481	0.002749168	Y45F10B.3	CE18402	WBGene00012871	status:Partially_confirmed TR-Q82468 protein_id:CAA16354.1
CELE0002S00014390	5.365515	4.96444	1.320491	0.01002857	C54E4.1	CE18943	WBGene00016917	status:Partially_confirmed TR-Q44470 protein_id:AAK29795.1
CELE0002S00014396	6.84795	6.574163	1.29575	0.04541873	C33D9.1b.1			
CELE0002S00014419	8.601816	8.020483	1.496231	0.04641953	F36A4.10	CE07185	WBGene00000611	locus:col-34 cuticular collagen status:Confirmed SW-P34687 protein_id:AAA86155.1
CELE0002S00014438	8.449934	8.17663	1.208572	0.04289522	Y41E3.4	CE18372	WBGene00001336	locus:ers-1 tRNA synthetases class I (E and Q) status:Partially_confirmed SW-Q62431 protein_id:GAB08998.1
CELE0002S00014465	11.14726	10.784072	1.286265	0.02856436	F49C12.11.1	CE03371	WBGene00009880	F49C12.11 TR-Q20588
CELE0002S00014468	11.089638	10.86695	1.150841	0.01742659	F49C12.11.2	CE03371	WBGene00009880	F49C12.11 TR-Q20588
CELE0002S00014493	7.66256	7.178969	1.39822	0.007474491	C06G3.12	CE32570	WBGene00015556	status:Partially_confirmed TR-Q17756 protein_id:AAB03141.2
CELE0002S00014505	9.323048	8.839674	1.398009	0.01989525	T11B7.3	CE03649	WBGene00000692	locus:col-118 cuticle collagen status:Confirmed TR-Q22389 protein_id:CAA90989.1
CELE0002S00014561	5.842811	5.689363	1.112224	0.03750539	K08E4.5	CE03465	WBGene00010669	status:Predicted TR-Q21335 protein_id:CAA92682.1
CELE0002S00014564	9.703725	9.348808	1.279089	0.03343633	Y66H1A.4	CE36757	WBGene00022046	nucleolar protein required for pre-rRNA splicing status:Confirmed
CELE0002S00014569	13.579642	13.447784	1.095719	0.01757335	B0513.3.2	CE15559	WBGene00004443	rpl-29 TR-Q45228

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpop_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00014580	8.281073	7.98842	1.224891	0.04726574	Y62E10A.2.2	CE37578	WBGene00013373	Y62E10A.2 TR-Q9U1X8
CELE0002S00014587	9.001094	8.587727	1.33179	0.04945176	C24F3.1b.2	CE18518	WBGene00007696	C24F3.1 TR-Q9XXK7
CELE0002S00014595	7.598453	7.086318	1.426161	0.01394133	C24F3.1a	CE18517	WBGene00007696	status:Partially_confirmed TR-Q9U3P5 protein_id:CAA18770.1
CELE0002S00014601	6.583703	6.167665	1.334258	0.04887914	C48D1.3.1	CE27109	WBGene00000501	cho-1 TR-Q02228
CELE0002S00014614	5.878381	5.51736	1.284335	0.008469169	F13E9.7	CE05609	WBGene00008758	reverse transcriptase status:Predicted TR-Q19412 protein_id:CAA93410.1
CELE0002S00014615	6.21658	5.678188	1.452353	0.04680992	F13E9.8	CE05610	WBGene00008757	status:Predicted TR-Q19408 protein_id:CAA93404.1
CELE0002S00014621	8.497495	8.040022	1.373135	0.006314907	C10C5.6b	CE28538	WBGene00007510	status:Confirmed TR-Q9XTJ1 protein_id:CAA93507.2
CELE0002S00014680	10.465491	9.93076	1.448672	0.003338699	F11E6.3	CE19783	WBGene00008707	status:Confirmed TR-Q9U3J8 protein_id:CAB62900.1
CELE0002S00014689	5.503495	5.138781	1.287626	0.01993104	F11E6.9	CE31168	WBGene00008712	status:Confirmed TR-Q8M7Q5 protein_id:CAD42643.1
CELE0002S00014750	7.514889	6.970928	1.457768	0.01898121	T18E7.2b	CE31238	WBGene00004804	locus:slkr-1 status:Partially_confirmed SWP34707 protein_id:AAM75385.1
CELE0002S00014751	10.240917	9.761461	1.394218	0.007197003	W02C12.3d	CE33713	WBGene00020930	status:Confirmed TR-Q8MJ4 protein_id:AAO91675.1
CELE0002S00014759	10.581683	10.086377	1.429297	0.009717808	W02C12.3g	CE33716	WBGene00020930	status:Confirmed TR-Q8MJ1 protein_id:AAO91678.1
CELE0002S00014785	7.19314	6.833424	1.283173	0.003623895	Y57G11C.38.2	CE32080	WBGene00013325	Y57G11C.38 TR-Q8M4C4
CELE0002S00014803	11.007714	10.614052	1.313724	0.006167897	F42G8.12	CE17071	WBGene00002162	locus:isp-1 ubiquinol-cytochrome C reductase status:Confirmed TR-Q4512 protein_id:AAB92071.1
CELE0002S00014827	5.944788	5.419189	1.439511	0.01153144	C25A8.2	CE31313	WBGene00018083	status:Partially_confirmed TR-Q18144 protein_id:AAB03180.2
CELE0002S00014837	5.549709	5.359267	1.141113	0.04406741	Y105C5A.4	CE23188	WBGene00000028	locus:abu-5 status:Predicted TR-Q8NF70 protein_id:CAB54983.1
CELE0002S00014845	6.122187	5.587856	1.468891	0.03194913	Y105C5A.9	CE23190	WBGene00013634	status:Predicted TR-Q9NF87 protein_id:CAB54988.1
CELE0002S00014880	7.147586	6.818391	1.256312	0.02810077	F47C12.5	CE10878	WBGene00005430	locus:srh-220 TTM chemoreceptor, srh family status:Predicted TR-Q20E29 protein_id:AAC24387.1
CELE0002S00014887	9.802456	9.28329	1.433127	0.02164423	C30H6.7	CE15651	WBGene00007824	2-oxo acid dehydrogenases acyltransferase (catalytic domain) status:Confirmed TR-Q45279 protein_id:CAB02813.1
CELE0002S00014889	8.378768	8.174149	1.152382	0.02684221	C30H6.9	CE19707	WBGene00007826	status:Partially_confirmed TR-Q9XVR5 protein_id:CAB02805.1
CELE0002S00014901	8.017641	7.520791	1.411129	0.001708819	Y54G2A.11b.3			
CELE0002S00014982	10.423876	10.058191	1.288493	0.0213058	C36H8.3	CE05382	WBGene00001452	locus:flp-9 status:Confirmed TR-Q18502 protein_id:CAA93480.1
CELE0002S00014991	6.049395	5.775599	1.208985	0.009377299	R05A10.3	CE16289	WBGene00011020	status:Partially_confirmed TR-Q45701 protein_id:CAB05265.1
CELE0002S00015050	12.385778	11.833304	1.468867	0.00237003	F29C4.2	CE17720	WBGene00017926	status:Confirmed TR-Q78367 protein_id:AAG19190.1
CELE0002S00015079	11.738627	11.495487	1.183566	0.000707131	C34H4.4a	CE27821	WBGene00000881	locus:col-107 cuticular collagen status:Confirmed TR-Q45140 protein_id:AAO43933.3
CELE0002S00015081	11.602766	11.271543	1.258079	0.002453198	C34H4.4b	CE20539	WBGene00000881	locus:col-107 status:Confirmed TR-Q86535 protein_id:AAO44912.1
CELE0002S00015094	8.59111	8.122862	1.38362	0.002175174	F48E4.8	CE10506	WBGene00003758	locus:nlp-20 status:Confirmed TR-Q84233 protein_id:AAK29616.1
CELE0002S00015100	8.783772	8.559914	1.167852	0.01152143	T05E11.5	CE06364	WBGene00011481	locus:imp-2 Yeast YKK0 like status:Confirmed SWP49049 protein_id:CAA92975.1
CELE0002S00015119	11.130304	10.79918	1.258011	0.000225949	R102.2.1			
CELE0002S00015121	11.657473	11.200172	1.372971	0.005277034	R102.2.2			
CELE0002S00015134	9.507105	8.92258	1.499545	0.004486248	K11E8.1g	CE28057	WBGene00006779	locus:unc-43 Ca2+/calmodulin-dependent protein kinase status:Confirmed TR-Q6NH80 protein_id:CAC42381.1
CELE0002S00015161	5.678795	5.427481	1.190291	0.04546933	C29E6.1a	CE05332	WBGene00002827	locus:let-653 LET-653 mucin like protein status:Partially_confirmed TR-Q27394 protein_id:CAA98802.1
CELE0002S00015174	11.504515	11.323378	1.133777	0.0439021	D2096.8	CE04306	WBGene00017075	status:Confirmed TR-Q19007 protein_id:AAA81494.1
CELE0002S00015184	10.153882	10.100218	1.037898	0.03510203	M04G7.3b	CE17192	WBGene00019774	status:Partially_confirmed
CELE0002S00015191	7.189682	6.992239	1.146864	0.02919352	T04B2.5.1	CE06351	WBGene00011423	T04B2.5 TR-Q22152
CELE0002S00015197	5.391115	5.048473	1.288077	0.03016574	T14G10.2b.1	CE28081	WBGene00004254	pxf-1 TR-Q95NL8
CELE0002S00015199	9.093205	8.508629	1.499598	0.04513959	F23B2.13	CE20710	WBGene00009078	RNA polymerases I, II and III shared polypeptide (approx 7kd) status:Partially_confirmed TR-Q9U3Q0 protein_id:CAB51465.1
CELE0002S00015206	9.012658	8.481853	1.444735	0.0130015	Y57G11C.24d.1	CE35200	WBGene00001330	ops-8 TR-Q7YTG1
CELE0002S00015214	9.038485	8.572992	1.380789	0.01526908	Y57G11C.24d.5	CE35200	WBGene00001330	ops-8 TR-Q7YTG1
CELE0002S00015218	5.355674	5.180404	1.129176	0.02781536	M03D4.4a	CE29432	WBGene00019751	zinc-finger protein status:Partially_confirmed TR-Q21494 protein_id:AAQ24408.2
CELE0002S00015219	9.146751	8.955604	1.141871	0.04453177	Y57G11C.24d.8	CE35200	WBGene00001330	ops-8 TR-Q7YTG1
CELE0002S00015279	13.208779	12.664939	1.455828	0.0000616	K08D12.6.1	CE21047	WBGene00019540	K08D12.6 TR-Q8MXU8
CELE0002S00015281	13.367148	12.910762	1.3721	0.00139748	K08D12.6.2	CE21047	WBGene00019540	K08D12.6 TR-Q8MXU8
CELE0002S00015291	6.487269	6.00131	1.400517	0.02826859	Y104H12D.4	CE31833	WBGene00022428	status:Confirmed TR-Q8MXU4 protein_id:AAM97963.1
CELE0002S00015336	11.725456	11.18148	1.457985	0.003708428	Y11D7A.10	CE20193	WBGene00012434	status:Confirmed TR-Q9U2R7 protein_id:CAB63344.1
CELE0002S00015373	13.479683	13.357969	1.088012	0.02656492	F29B9.11	CE09789	WBGene00017925	status:Confirmed TR-Q9GY11 protein_id:AAF99918.1
CELE0002S00015391	11.550589	11.23769	1.242201	0.04443875	Y75B12B.5	CE20374	WBGene00000879	locus:cyn-3 Peptidyl-prolyl cis-trans isomerases status:Confirmed SWP52011 protein_id:CAA21762.1
CELE0002S00015416	9.741084	9.305801	1.352364	0.003817715	C05E4.9b.1	CE32565	WBGene00001584	gai-7 TR-Q8IA71
CELE0002S00015418	9.455816	8.950936	1.418809	0.01100677	C05E4.9b.2	CE32565	WBGene00001584	gai-7 TR-Q8IA71
CELE0002S00015426	8.981563	8.595365	1.306945	0.03490683	Y69H2.3b	CE32544	WBGene00013481	status:Confirmed TR-Q9U1T5 protein_id:CAB54473.2
CELE0002S00015464	6.397498	5.943797	1.369549	0.04963571	C29F3.2	CE29200	WBGene00008954	locus:wrt-8 Hint module status:Confirmed SW-Q94130 protein_id:CAA19424.2
CELE0002S00015476	7.608143	7.094093	1.428053	0.005288164	C37C3.8a.1	CE06933	WBGene00016500	C37C3.8 TR-Q22915
CELE0002S00015483	9.136386	8.736952	1.31899	0.000213804	F38D4.5b.1	CE30778	WBGene00018090	F38D4.5 TR-
CELE0002S00015487	10.898628	10.399144	1.413708	0.01722046	K07B1.6b.1			
CELE0002S00015497	9.715574	9.358378	1.280934	0.0384825	D2023.2.1	CE09072	WBGene00004258	pyc-1 TR-Q17732
CELE0002S00015610	5.40112	5.261033	1.101972	0.04900879	T05G11.2	CE18931	WBGene00011506	status:Predicted TR-Q9XXK0 protein_id:CAA19430.1
CELE0002S00015625	7.512929	7.287385	1.169218	0.04774871	K08D9.4	CE23863	WBGene00019525	status:Predicted TR-Q9TXN5 protein_id:AAC69354.2

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00015631	10.526801	10.019897	1.421096	0.001935356	F38A6.3a	CE18671	WBGene00001851	locushif-1 status:Partially_confirmed TR:Q45486 protein_id:CAA19520.1
CELE0002S00015633	9.730876	9.333891	1.316753	0.0313677	F38A6.3b	CE18672	WBGene00001851	locushif-1 status:Partially_confirmed TR:Q97VM0 protein_id:CAA19521.1
CELE0002S00015636	10.298506	9.761009	1.451452	0.000916611	F38A6.3c	CE32019	WBGene00001851	locushif-1 status:Confirmed TR:Q84D0 protein_id:CAD54167.1
CELE0002S00015641	10.523574	9.938862	1.49974	0.00344699	C33G8.4	CE06913	WBGene00016362	status:Confirmed TR:Q18399 protein_id:AAC25850.1
CELE0002S00015691	12.083943	11.523293	1.474934	0.001423971	F53F1.5	CE10940	WBGene00009983	cuticlin status:Confirmed SW:P34682 protein_id:CAB03133.1
CELE0002S00015760	8.337708	7.766353	1.485919	0.01003902	M04G12.4b.1	CE36496	WBGene00010888	M04G12.4 TR:Q84H1
CELE0002S00015767	6.655826	6.424295	1.17408	0.04435015	F53F4.11.1	CE20849	WBGene00009993	F53F4.11 TR:Q20720
CELE0002S00015801	7.553105	7.155069	1.317713	0.02849986	K01D12.7	CE28483	WBGene00010466	status:Partially_confirmed TR:Q95QD3 protein_id:CAA9886.2
CELE0002S00015870	6.67244	6.208641	1.379169	0.0208147	C03G6.5	CE28386	WBGene00015393	status:Predicted TR:Q01454 protein_id:AAK72054.1
CELE0002S00015879	10.538946	10.033575	1.417522	0.000202188	F31F7.1c	CE35300	WBGene00017964	status:Confirmed TR:Q817G6 protein_id:AAQ65202.1
CELE0002S00015916	6.327417	6.035077	1.224825	0.04176015	F26D11.1	CE30785	WBGene00017818	glucosylkinase status:Partially_confirmed TR:Q61988 protein_id:AAC17745.2
CELE0002S00015985	9.289154	8.927851	1.284586	0.01050221	W06A7.2	CE14664	WBGene00012291	status:Partially_confirmed TR:Q23186 protein_id:CAB01521.1
CELE0002S00016015	10.615375	10.201381	1.332369	0.01448348	C10G8.5a	CE30724	WBGene00003567	locus:ncx-2 sodium/calcium exchanger protein 1 status:Confirmed TR:Q8MYP5 protein_id:AAM29660.1
CELE0002S00016028	7.944549	7.419577	1.438906	0.01232299	F07C3.9	CE07030	WBGene00017197	status:Predicted TR:Q19154 protein_id:AAQ24031.1
CELE0002S00016046	11.347266	11.021258	1.25354	0.002210429	Y57E12A.M.1	CE26193	WBGene00021980	status:Confirmed SW:Q965T1 protein_id:AAK85505.1
CELE0002S00016055	14.641956	14.4366	1.152971	0.003856221	C08B8.8.2	CE20485	WBGene00004452	rpl-38 TR:Q17570
CELE0002S00016081	6.927301	6.480128	1.382398	0.03613706	F46E10.1a.1			
CELE0002S00016076	5.951528	5.485208	1.400869	0.0183455	F32G8.4	CE23700	WBGene00009340	Putative membrane protein status:Partially_confirmed SW:Q19978 protein_id:CAA98848.2
CELE0002S00016079	7.211041	6.770854	1.35678	0.02628225	F32G8.6	CE05795	WBGene00000298	locus:cat-4 GTP cyclohydrolase 1 status:Partially_confirmed SW:Q19980 protein_id:CAA98850.1
CELE0002S00016082	13.355873	12.83632	1.433312	0.000345377	Y39B6A.20.1	CE21681	WBGene000000214	asp-1 TR:Q9TVS4
CELE0002S00016083	13.147815	12.687172	1.404876	0.0000803	Y39B6A.20.2	CE21681	WBGene000000214	asp-1 TR:Q9TVS4
CELE0002S00016086	8.02113	7.605826	1.333765	0.04317454	T19A5.1.2	CE07509	WBGene000020553	T19A5.1 TR:Q22554
CELE0002S00016142	9.091747	8.551791	1.453928	0.0000361	F07B7.3	CE04501	WBGene00001927	locus:his-53 status:Predicted SW:P08588 protein_id:AAK84512.1
CELE0002S00016144	8.882477	8.442168	1.338214	0.000151477	F07B7.5	CE03253	WBGene00001923	locus:his-49 status:Predicted SW:P08898 protein_id:AAK84514.1
CELE0002S00016193	9.700854	9.216013	1.399238	0.04099921	T19B10.2	CE16413	WBGene00011831	status:Confirmed TR:Q22562 protein_id:CAA98547.1
CELE0002S00016247	5.718302	5.269466	1.364939	0.01864741	C45H4.1	CE08735	WBGene00016685	status:Predicted TR:Q44705 protein_id:AAC25882.1
CELE0002S00016258	6.482574	6.023032	1.356174	0.03452431	F52E1.7a	CE04635	WBGene00002021	locus:hsp-17 heat shock protein status:Confirmed TR:Q20880 protein_id:AAH37035.1
CELE0002S00016279	9.256381	8.832473	1.341557	0.01103617	F45F2.12	CE10538	WBGene00001882	locus:his-8 histone H2B status:Predicted SW:Q27894 protein_id:AAC48023.1
CELE0002S00016291	4.77011	4.598997	1.125927	0.0489502	T19H12.8	CE35775	WBGene00020591	nuclear hormone receptor status:Partially_confirmed TR:Q01612 protein_id:AAC69038.2
CELE0002S00016313	12.143803	11.799287	1.289743	0.004521762	C51E3.7b.1	CE08941	WBGene00001172	egl-3 TR:Q18772
CELE0002S00016347	9.388043	8.821813	1.480649	0.04361512	Y113G7A.16	CE32004	WBGene00013753	status:Confirmed TR:Q814F0 protein_id:CAD54159.1
CELE0002S00016357	10.005206	9.736154	1.205016	0.01088655	C13B7.6	CE27681	WBGene00015731	status:Predicted TR:Q95X12 protein_id:AAK88175.1
CELE0002S00016394	4.965878	4.585092	1.320227	0.0281392	ZC443.2	CE06586	WBGene00013897	status:Partially_confirmed TR:Q23322 protein_id:CAA99949.1
CELE0002S00016414	5.421046	4.955642	1.380704	0.01923363	K1D12.10b	CE30394	WBGene00003374	locus:mik-1 status:Partially_confirmed TR:Q87721 protein_id:AAM15589.1
CELE0002S00016461	5.422762	4.967967	1.370579	0.02317076	T25E12.13	CE37558	WBGene00012028	locus:src-89 DUF-216 family status:Predicted TR:Q86D02 protein_id:CAD89751.2
CELE0002S00016520	8.909196	8.413929	1.409582	0.002746229	Y43F8C.20	CE35086	WBGene00012840	status:Partially_confirmed TR:Q7YQ6 protein_id:CAE17998.1
CELE0002S00016539	5.900603	5.372176	1.442356	0.009289397	F26D11.11a	CE29778	WBGene00002632	locus:let-413 status:Partially_confirmed SW:Q61967 protein_id:AAC17752.2
CELE0002S00016585	11.627701	11.39616	1.174088	0.000415208	C49G7.3	CE08861	WBGene00016781	status:Confirmed TR:Q18226 protein_id:AAK18898.1
CELE0002S00016587	9.852641	9.384246	1.383569	0.004167372	C49G7.4	CE08862	WBGene00016782	status:Confirmed TR:Q18225 protein_id:AAK18899.1
CELE0002S00016589	11.894059	11.357386	1.450623	0.0000129	K08A4.7	CE31556	WBGene00010597	status:Partially_confirmed TR:Q8MQ10 protein_id:CAD44138.1
CELE0002S00016679	5.344685	4.973976	1.29297	0.01410686	C25E10.10	CE06872	WBGene00016099	status:Partially_confirmed TR:Q18159 protein_id:AAA92315.1
CELE0002S00016699	6.810586	6.06859	1.458005	0.03243504	T04F3.1	CE31983	WBGene00011436	1-aminocyclopropane-1-carboxylate synthase status:Partially_confirmed TR:Q17464 protein_id:CAA8672.2
CELE0002S00016707	5.481744	5.193561	1.221101	0.03485608	W08H3.3	CE29830	WBGene00012316	CTP SYNTHASE (EC 6.3.4.2) (UTP—AMMONIA LIGASE) (CTP SYNTHETASE) status:Predicted TR:Q8XXN1 protein_id:CAD21849.1
CELE0002S00016712	8.869621	8.490935	1.300157	0.01475937	F40F9.6b.3			
CELE0002S00016767	8.110417	7.850125	1.197721	0.03908692	F52E1.9	CE35324	WBGene00018697	status:Confirmed TR:Q20864 protein_id:AAB37042.2
CELE0002S00016807	7.992774	7.714904	1.214044	0.02837132	H39E23.1a	CE23838	WBGene00003916	locus:par-1 serine/threonine kinase (KIN18/SNF18/Nim1 subfamily) status:Confirmed TR:Q8TW45 protein_id:CAB54263.1
CELE0002S00016844	8.288494	7.684816	1.498865	0.01891065	K08C4.2	CE03252	WBGene00001902	locus:his-28 histone H4 status:Predicted SW:P62784 protein_id:AAF98223.1
CELE0002S00016859	12.1821	11.764485	1.335718	0.02206353	F07C4.7	CE09206	WBGene00017201	status:Confirmed TR:P91207 protein_id:AAQ24037.1
CELE0002S00016868	7.141754	6.731515	1.328906	0.01066033	H19N07.3.1	CE16184	WBGene00010407	H19N07.3 TR:Q45625
CELE0002S00016869	7.297143	6.915292	1.303013	0.04879446	H19N07.3.2	CE16184	WBGene00010407	H19N07.3 TR:Q45625
CELE0002S00016886	5.704027	5.186654	1.451327	0.03371387	C03G6.17	CE35218	WBGene00015402	status:Partially_confirmed TR:Q001460 protein_id:AAB52316.2
CELE0002S00016927	5.41142	5.209672	1.150091	0.03366192	F36F12.7	CE17787	WBGene00018098	status:Confirmed TR:Q76402 protein_id:AAC19206.1
CELE0002S00016960	10.84344	10.284226	1.282727	0.007038189	Y46H3D.1.2			
CELE0002S00017035	4.928773	4.52006	1.327501	0.01526395	Y42A5A.3	CE20257	WBGene00012778	status:Confirmed TR:Q9XWZ5 protein_id:CAA21486.1
CELE0002S00017054	8.731314	8.152804	1.493306	0.01327224	F45D3.3	CE10472	WBGene00009723	status:Confirmed TR:Q20421 protein_id:CAB01502.1
CELE0002S00017055	8.603142	8.062756	1.454362	0.01668949	F45D3.4	CE10474	WBGene00009724	status:Confirmed TR:Q20420 protein_id:CAB01501.1
CELE0002S00017084	6.613478	6.079742	1.447673	0.003934377	T06C12.14	CE16394	WBGene00011521	status:Partially_confirmed TR:Q18039 protein_id:CAB03300.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00017090	11.240763	10.720525	1.434192	0.000705588	F41F3.3.3	CE07217	WBGene00018297	F41F3.3 TR-Q20281
CELE0002S00017092	11.469781	11.056959	1.331287	0.001641505	F41F3.3.4			
CELE0002S00017094	10.347166	9.864936	1.396901	0.01817227	F41F3.3.5			
CELE0002S00017095	9.95541	9.615593	1.265596	0.00401059	F41F3.3.6			
CELE0002S00017119	5.972389	5.44664	1.439681	0.009250776	C37H5.1	CE08825	WBGene00003591	locus:cnx-4 annexin status:Confirmed TR:P91144 protein_id:AAB42365.1
CELE0002S00017130	11.818843	11.398407	1.340189	0.02186254	G51E3.7a	CE08940	WBGene00001172	locus:egl-3 prohormone convertase 2 status:Confirmed TR:Q10575 protein_id:CAB01835.1
CELE0002S00017161	9.311921	8.800585	1.42537	0.04339078	F26F12.3c.2	CE37765	WBGene00017834	F26F12.3 TR:Q5R3Y7
CELE0002S00017276	10.321968	9.924517	1.317179	0.02210689	ZK863.8.3	CE15445	WBGene00001088	dpy-30 TR:Q10661
CELE0002S00017283	11.365638	11.043059	1.250564	0.005658403	VC5.3a.1			
CELE0002S00017285	11.255331	10.783827	1.386654	0.005907315	VC5.3a.2			
CELE0002S00017307	11.982432	11.489122	1.388291	0.000587167	Y44A6D.2	CE19160	WBGene00012853	status:Confirmed TR:Q9XE2 protein_id:CAA19515.1
CELE0002S00017317	8.048711	5.81129	1.178883	0.02879783	T21C9.12	CE06481	WBGene00011897	REV protein (anti-repression transactivator protein) status:Partially_confirmed TR:Q22647 protein_id:CAA97339.1
CELE0002S00017324	4.709841	4.553583	1.114393	0.03252377	CD4.1	CE16949	WBGene00016988	status:Predicted TR:Q44162 protein_id:AAB86339.1
CELE0002S00017348	9.249119	8.828642	1.33837	0.0296321	W06A7.3b.1			
CELE0002S00017401	7.319502	6.798966	1.434488	0.02043525	K11C4.4	CE12114	WBGene00003844	locus:cdc-1 ornithine decarboxylase status:Confirmed SW:P41931 protein_id:AAB18317.1
CELE0002S00017404	9.362832	8.955304	1.326411	0.01258838	K11C4.5	CE12116	WBGene00006801	locus:unc-68 ryanodine receptor status:Partially_confirmed TR:Q94279 protein_id:AAB18318.1
CELE0002S00017444	8.677898	8.211264	1.381882	0.03870577	W04E12.6	CE19001	WBGene00012251	Lactin C-type domain short and long forms (2 domains) status:Confirmed TR:Q9XUL6 protein_id:CAB04910.1
CELE0002S00017483	8.806769	8.312948	1.40817	0.01959492	Y59A8B.9	CE26218	WBGene00013346	status:Predicted TR:Q9GRZ0 protein_id:GAC14409.1
CELE0002S00017537	12.358105	11.949102	1.327768	0.0000427	F32D8.8.1	CE05785	WBGene00001303	amo-1 TR:Q19967
CELE0002S00017541	12.953433	12.526984	1.34394	0.000732238	F32D8.8.3			
CELE0002S00017543	7.477508	7.186728	1.223303	0.01752506	W01A11.1	CE14390	WBGene00020909	epoxide hydrolase status:Partially_confirmed TR:Q23088 protein_id:AAB04970.1
CELE0002S00017551	11.724635	11.225741	1.41313	0.0000843	W01A11.4	CE14396	WBGene00002273	locus:lec-10 galactin (S-lectin) status:Confirmed TR:Q23085 protein_id:AAB04987.1
CELE0002S00017582	6.460096	5.923779	1.450265	0.008653928	C09H5.2b	CE32578	WBGene00015680	status:Partially_confirmed TR:Q8IA86 protein_id:AAN84877.1
CELE0002S00017584	9.936631	9.393607	1.457023	0.04184696	T04C12.4.2	CE13148	WBGene00000085	act-3 TR:P10983
CELE0002S00017607	8.616356	8.114974	1.415589	0.02097847	C06B3.6.1	CE07983	WBGene00007385	C06B3.6 TR:Q17705
CELE0002S00017614	11.10335	10.613351	1.404444	0.00968463	C52E4.1.2			
CELE0002S00017677	6.548573	5.991486	1.489257	0.01915485	F10D2.10	CE32860	WBGene00017335	status:Partially_confirmed TR:Q16919 protein_id:AAC48240.2
CELE0002S00017713	9.896119	9.31857	1.299133	0.04884628	W04D2.5	CE08542	WBGene00012244	mitochondrial ribosomal protein S11 like status:Confirmed TR:Q23155 protein_id:CAA99338.1
CELE0002S00017729	14.235451	13.801268	1.351145	0.000260239	T08E4.4	CE08370	WBGene00000720	locus:col-147 collagen status:Confirmed TR:Q22256 protein_id:CAA94788.1
CELE0002S00017736	8.254231	7.725801	1.442359	0.01464358	T08E4.9	CE23952	WBGene00011536	status:Partially_confirmed TR:Q22283 protein_id:CAA94795.2
CELE0002S00017740	9.345767	8.865763	1.394748	0.04202253	F36G9.6	CE34551	WBGene00005686	locus:snr-23 7TM receptor status:Partially_confirmed TR:Q45475 protein_id:CAB04338.2
CELE0002S00017806	8.701284	8.475698	1.169252	0.01862346	D1014.3	CE27369	WBGene00017016	alpha-SNAP protein status:Partially_confirmed TR:Q18921 protein_id:AAA96287.2
CELE0002S00017827	8.185718	7.674753	1.425003	0.000820071	W08A12.2	CE14698	WBGene00021079	status:Confirmed TR:Q16020 protein_id:AAB52321.1
CELE0002S00017850	8.522351	7.982808	1.453512	0.01284754	F57F4.3.2			
CELE0002S00017877	9.28543	8.717718	1.482171	0.000085	T04C12.3	CE13146	WBGene00011428	status:Confirmed TR:Q45745 protein_id:CAB04677.1
CELE0002S00017878	5.888843	5.443577	1.361376	0.02220481	Y97E10AR.2a	CE33348	WBGene00022397	status:Partially_confirmed TR:Q9N2V0 protein_id:AAF80914.4
CELE0002S00017900	6.059589	5.581134	1.393251	0.02988187	T20D4.19	CE13814	WBGene00020824	status:Partially_confirmed TR:P91478 protein_id:AAB37598.1
CELE0002S00017904	9.299429	8.995122	1.234825	0.0496776	R11H6.4	CE12776	WBGene00011252	status:Predicted TR:Q16002 protein_id:CAB07648.1
CELE0002S00017918	8.545398	8.384692	1.117834	0.03538355	C37H5.13a	CE27834	WBGene00016511	status:Partially_confirmed TR:Q95Q68 protein_id:AAK68237.1
CELE0002S00017971	5.447291	5.212149	1.177023	0.04699188	VC5.5	CE21228	WBGene00003725	locus:nhr-135 status:Partially_confirmed TR:Q9TYU3 protein_id:AAC78212.1
CELE0002S00017979	10.725417	10.40786	1.246218	0.005781711	F20A1.10	CE07100	WBGene00017821	status:Confirmed TR:Q19616 protein_id:AAA96132.1
CELE0002S00017991	10.084505	9.554914	1.44352	0.003201097	F57B1.4.1	CE31962	WBGene00000733	col-180 TR:Q20921
CELE0002S00017993	13.064245	12.844947	1.184167	0.000688933	VC5.3b.1	CE33332	WBGene00003786	npr-1 TR:Q86S16
CELE0002S00017994	13.169222	12.70844	1.376288	0.00049949	VC5.3b.2	CE33332	WBGene00003786	npr-1 TR:Q86S16
CELE0002S00018016	10.377868	10.093486	1.217888	0.01163343	F55C10.2	CE05952	WBGene00000727	locus:col-154 collagen status:Confirmed TR:Q20805 protein_id:CAA98488.1
CELE0002S00018110	11.102326	10.980297	1.088264	0.03260099	T10H9.4	CE18252	WBGene00004897	locus:snb-1 synaptobrevin status:Confirmed TR:Q02495 protein_id:AAC19234.1
CELE0002S00018117	8.473085	8.058648	1.334609	0.0129312	ZK1005.1a	CE24712	WBGene00004053	locus:pme-5 status:Partially_confirmed TR:Q9TXQ1 protein_id:AAC04454.2
CELE0002S00018129	8.477812	7.929482	1.462392	0.005188007	F53C11.3	CE10908	WBGene00009973	2,4-dienoyl-CoA reductase status:Confirmed SW:Q93761 protein_id:CAB02118.1
CELE0002S00018153	12.442799	12.136981	1.236119	0.006815158	C37H5.6b.3	CE29709	WBGene00016509	C37H5.6 TR:P91134
CELE0002S00018189	8.071282	7.598318	1.389884	0.004315135	F47B8.2	CE10634	WBGene00009803	status:Partially_confirmed TR:Q20525 protein_id:CAB01200.1
CELE0002S00018198	5.737061	5.300691	1.353195	0.03847273	Y73C8B.3	CE24641	WBGene00022280	status:Partially_confirmed TR:Q9N4E2 protein_id:AAF38046.1
CELE0002S00018205	7.991584	7.480748	1.424876	0.005467132	W06H8.Bf	CE36726	WBGene00006436	locus:tag-58 status:Partially_confirmed
CELE0002S00018227	5.093389	4.935798	1.115423	0.04010762	T23B12.9	CE14042	WBGene00020723	status:Partially_confirmed TR:Q17006 protein_id:AAB89941.1
CELE0002S00018255	8.965252	8.722529	1.183224	0.0379283	W03F9.10.2	CE14540	WBGene00021004	W03F9.10 TR:Q16997
CELE0002S00018312	8.570332	8.580784	1.00864	0.03698017	T26E4.6	CE36511	WBGene00012048	status:Predicted TR:Q45840 protein_id:CAB03435.2
CELE0002S00018323	8.614262	8.449321	1.12112	0.01305496	ZC412.6.2			
CELE0002S00018335	9.007061	8.850225	1.114839	0.01012397	F58H1.1	CE06025	WBGene00010284	alpha-mannosidase status:Partially_confirmed TR:Q21010 protein_id:CAB00104.1

SEQ_ID	control	Expos	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00018342	10.491484	10.173223	1.246827	0.04412139	F53F4.13	CE10978	WBGene00009995	status:Confirmed TR:Q20724 protein_id:CAB01208.1
CELE0002S00018399	12.260071	11.821986	1.354805	0.001315154	F35B12.7	CE37515	WBGene00003762	locus:ncp-24 status:Confirmed TR:Q20011 protein_id:CAA98464.2
CELE0002S00018434	12.80253	12.599979	1.150731	0.02787552	Y75B12B.2.1	CE20371	WBGene00000883	cym-7 TR:P52015
CELE0002S00018448	8.060424	7.500557	1.474133	0.000197923	Y47D7A.10	CE24347	WBGene00021622	status:Predicted TR:Q9N3U5 protein_id:AAF60633.1
CELE0002S00018450	8.704755	8.324426	1.301639	0.01979788	Y47D7A.12	CE22061	WBGene00021624	status:Partially_confirmed TR:Q9N3U3 protein_id:AAF60631.1
CELE0002S00018521	10.245888	9.79841	1.365546	0.001037425	T03D8.3	CE18921	WBGene00011392	neuroendocrine protein 7B2 status:Confirmed TR:Q9XTY3 protein_id:CAB07408.1
CELE0002S00018592	12.608944	12.310052	1.230189	0.00101928	F32D1.2	CE09888	WBGene00017982	ATP synthase epsilon chain status:Confirmed TR:O16298 protein_id:AAB65352.1
CELE0002S00018712	11.466302	11.019699	1.362828	0.007637165	T05H4.12.1	CE13291	WBGene00020275	T05H4.12 TR
CELE0002S00018714	11.622732	11.179445	1.359699	0.01403045	T05H4.12.2	CE13291	WBGene00020275	T05H4.12 TR
CELE0002S00018722	4.858118	4.707452	1.110082	0.04195273	C01B4.2	CE36778	WBGene00015269	status:Predicted TR:Q9UAU1 protein_id:AAD14894.2
CELE0002S00018731	8.31537	8.024918	1.223023	0.03136872	C01B4.6	CE20475	WBGene00015270	aldose 1-epimerase status:Predicted TR:Q9UAU8 protein_id:AAD14898.1
CELE0002S00018767	9.517008	9.248283	1.204741	0.03834395	T05B11.3.1	CE13219	WBGene00020248	dic-1 TR:P90961
CELE0002S00018769	9.603649	9.309504	1.226158	0.04147671	T05B11.3.2	CE13219	WBGene00020248	dic-1 TR:P90961
CELE0002S00018866	11.450112	11.194814	1.193582	0.04756093	Y39H10A.7a	CE26076	WBGene00000498	locus:chk-1 status:Confirmed TR:Q9N3Z3 protein_id:AAF59485.2
CELE0002S00018895	9.829557	9.367737	1.377278	0.01401964	B0213.17	CE30583	WBGene00015048	locus:ncp-34 status:Confirmed TR:Q8MNX6 protein_id:AAM22021.1
CELE0002S00018905	4.849837	4.602859	1.186719	0.02662144	C54F8.4	CE08978	WBGene00018922	status:Predicted TR:O18448 protein_id:AAQ24009.1
CELE0002S00018910	8.803088	8.284724	1.452325	0.01793279	W05E10.3	CE29364	WBGene00000453	locus:ceh-32 homeobox protein (so subfamily) status:Confirmed SW:Q23175 protein_id:CAB01249.2
CELE0002S00018963	13.776845	13.44986	1.254389	0.01685114	R11D1.8.1	CE06313	WBGene00004442	rpl-28 TR:Q21930
CELE0002S00018964	13.010443	12.536736	1.388673	0.00985824	R11D1.8.2	CE06313	WBGene00004442	rpl-28 TR:Q21930
CELE0002S00018980	9.452595	8.942314	1.424328	0.04463531	F53E2.1	CE30280	WBGene00018757	status:Confirmed TR:Q9UAU3 protein_id:AAD14702.2
CELE0002S00019050	10.825077	10.470261	1.278822	0.005504065	Y49A3A.2.1	CE22210	WBGene00013025	vha-13 TR:Q9XW92
CELE0002S00019051	10.631857	10.23116	1.320146	0.007831328	Y49A3A.2.2	CE22210	WBGene00013025	vha-13 TR:Q9XW92
CELE0002S00019065	7.831461	7.51345	1.246811	0.01310893	T05H4.8a.1	CE13279	WBGene00020269	T05H4.8 TR
CELE0002S00019111	14.090622	13.885791	1.152551	0.000522379	F56E10.4.1	CE19904	WBGene00004496	rps-27 TR:Q8TXP0
CELE0002S00019113	13.610383	13.416508	1.143833	0.007148983	F56E10.4.3	CE19904	WBGene00004496	rps-27 TR:Q8TXP0
CELE0002S00019115	13.717979	13.53918	1.134313	0.01759569	F56E10.4.5	CE19904	WBGene00004496	rps-27 TR:Q8TXP0
CELE0002S00019253	7.653934	7.209758	1.380537	0.01935881	F56A4.2	CE17006	WBGene00018910	status:Predicted TR:O44698 protein_id:AAF39640.1
CELE0002S00019317	9.826448	9.382197	1.184476	0.02791206	F23H12.2	CE05705	WBGene00009092	mitochondrial precursor receptor status:Confirmed SW:Q19768 protein_id:CAA98945.1
CELE0002S00019327	11.631525	11.320808	1.240324	0.02153896	F23H12.8	CE31913	WBGene00009096	status:Confirmed TR:Q8I4K8 protein_id:CAD54135.1
CELE0002S00019372	10.941214	10.460161	1.395762	0.000737728	C38C3.5b	CE31893	WBGene00008794	locus:unc-60 actin depolymerizing factor status:Confirmed TR:Q9UAU4 protein_id:AAL02462.2
CELE0002S00019385	9.717842	9.226845	1.405611	0.001344999	F58D12.1	CE11388	WBGene00010249	status:Predicted TR:O02276 protein_id:CAB03144.1
CELE0002S00019399	7.143933	6.737028	1.32584	0.04685185	T21C9.4	CE08473	WBGene00011892	Enhancer of rudimentary status:Confirmed SW:Q22640 protein_id:CAA97382.1
CELE0002S00019430	8.410399	7.8995	1.424938	0.007836202	T07H8.4b	CE37669	WBGene00003165	locus:mec-1 status:Confirmed TR:Q5ZR41 protein_id:AAV28325.1
CELE0002S00019438	9.561311	9.104631	1.37238	0.03750355	F28F8.3.1	CE09757	WBGene00003079	lsn-5 TR:O18694
CELE0002S00019459	9.599301	9.102085	1.411487	0.01847069	ZK856.7	CE08694	WBGene00014108	status:Confirmed TR:Q23842 protein_id:CAA94855.1
CELE0002S00019499	5.96192	5.727922	1.17609	0.02454663	F41E6.4a	CE30785	WBGene00018285	status:Partially_confirmed TR:O16459 protein_id:AAB85953.2
CELE0002S00019530	11.473621	11.086316	1.307948	0.005584025	F21F8.3	CE09539	WBGene00000218	locus:asp-5 protease status:Confirmed TR:O01532 protein_id:AAC47991.1
CELE0002S00019531	8.12757	7.686154	1.357938	0.008383029	F21F8.4	CE09540	WBGene00017678	protease status:Confirmed TR:O01531 protein_id:AAC47994.1
CELE0002S00019555	9.094031	8.517375	1.491388	0.005275336	T02E9.5.1	CE31981	WBGene00011383	T02E9.5 TR:Q9U382
CELE0002S00019557	8.699357	8.217714	1.396333	0.01941216	T02E9.5.2	CE31981	WBGene00011383	T02E9.5 TR:Q9U382
CELE0002S00019608	10.107331	9.744362	1.28607	0.006035886	B0024.9.1	CE05153	WBGene00007099	B0024.9 TR:Q17424
CELE0002S00019640	4.522172	4.421018	1.07283	0.0350622	C08E8.6	CE34669	WBGene00007442	status:Predicted TR:Q7YX97 protein_id:CAE17678.1
CELE0002S00019701	11.742949	11.465336	1.212188	0.008351557	C06H2.1.1	CE15602	WBGene00007385	C06H2.1 TR:Q17763
CELE0002S00019754	9.140326	8.599686	1.454618	0.01479034	K02E11.7	CE17999	WBGene00010516	status:Partially_confirmed TR:O82297 protein_id:CAB01224.1
CELE0002S00019755	11.254451	10.811473	1.268372	0.0000283	C01G10.6	CE07815	WBGene00007233	status:Partially_confirmed TR:Q93188 protein_id:CAB02708.1
CELE0002S00019775	15.05884	14.732576	1.253762	0.0000341	B0222.6	CE30585	WBGene00000717	locus:col-144 status:Partially_confirmed TR:Q17458 protein_id:AAA92323.2
CELE0002S00019778	14.407959	13.901813	1.420251	0.006454338	B0222.8	CE08699	WBGene00000599	locus:col-10 status:Confirmed TR:Q17460 protein_id:AAA92325.1
CELE0002S00019831	11.044608	10.709542	1.261435	0.00673072	VC5.3c	CE38211	WBGene00003786	locus:npr-1 status:Partially_confirmed TR:Q7KNM6 protein_id:AA925943.1
CELE0002S00019893	5.053595	4.707367	1.271233	0.008501799	F58B4.2	CE35883	WBGene00010235	cytochrome b5 like status:Partially_confirmed TR:Q20976 protein_id:CAAS8498.2
CELE0002S00019937	10.272924	9.885541	1.308019	0.01198026	C38C3.5c.1	CE20549	WBGene00008794	unc-60 TR:Q07749
CELE0002S00019960	4.714168	4.53433	1.132757	0.04010218	T02B5.2	CE13026	WBGene00011363	status:Predicted TR:P92014 protein_id:CAB03274.1
CELE0002S00019963	4.844053	4.434979	1.327833	0.04241061	T02B5.4	CE16321	WBGene00005104	locus:srd-28 status:Partially_confirmed TR:P92015 protein_id:CAB03275.1
CELE0002S00019964	6.470518	5.996384	1.389082	0.02846887	Y80D3A.1	CE35140	WBGene00008945	locus:wrs-1 tryptophanyl-tRNA synthetase status:Confirmed TR:Q9U1R2 protein_id:CAB60439.2
CELE0002S00019984	8.786991	8.238134	1.442788	0.001108245	T27E4.7	CE14259	WBGene00020865	status:Confirmed TR:Q23055 protein_id:AAB04838.1
CELE0002S00020031	7.087071	6.637907	1.463238	0.04773566	T05H4.13a	CE27441	WBGene00000110	locus:alh-4 aldehyde dehydrogenase status:Confirmed TR:O16518 protein_id:AAB68022.2
CELE0002S00020069	9.474805	8.890393	1.499428	0.008471193	C14C6.5	CE08160	WBGene00015759	status:Partially_confirmed TR:O44687 protein_id:AAB94263.1
CELE0002S00020078	8.988934	8.577463	1.330041	0.000200178	C56A3.2.2	CE09030	WBGene00008341	C56A3.2 TR:Q18678

SEQ_ID	control	Expos	FoldChange	pvalue	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00020128	4.859469	4.700241	1.116689	0.0496419	G51E3.5	CE37815	WBGene00008251	olfactory receptor status:Predicted TR:Q18797 protein_id:CAB01637.1
CELE0002S00020147	12.685956	12.311894	1.295997	0.004109738	R04F11.2.2	CE08233	WBGene00011015	R04F11.2 TR:Q21732
CELE0002S00020151	12.047548	11.789087	1.196202	0.02735828	R04F11.2.5			
CELE0002S00020212	8.798127	8.478624	1.247901	0.000744231	ZK8.10	CE29181	WBGene00022644	locus:dod-19 status:Confirmed TR:O61874 protein_id:AAQ45576.2
CELE0002S00020248	7.449108	7.195464	1.192213	0.004028476	C18C4.10b.2	CE32802	WBGene00002215	kdc-2 TR:P46822
CELE0002S00020306	7.745771	7.283138	1.378055	0.02253037	G24B9.3b	CE17445	WBGene00016048	status:Partially_confirmed TR:Q71UN8 protein_id:AAQ91906.1
CELE0002S00020313	6.883208	6.456592	1.170087	0.01420014	T24A6.15	CE14152	WBGene00001737	locus:grt-28 status:Partially_confirmed TR:O61947 protein_id:AAG17802.1
CELE0002S00020326	5.300316	4.930887	1.291841	0.0398223	F14D7.7	CE09385	WBGene00008794	status:Partially_confirmed TR:Q19451 protein_id:CAB01155.1
CELE0002S00020338	5.933685	5.716273	1.162646	0.0147771	Y116F11B.12b.1	CE32074	WBGene00001829	gly-4 TR:Q81138
CELE0002S00020340	7.986905	7.471803	1.409616	0.03685533	K07C11.7b.1	CE33142	WBGene00019479	K07C11.7 TR:Q86NQ5
CELE0002S00020355	11.854087	11.376177	1.212437	0.02986887	F20A1.1	CE07091	WBGene00017813	status:Confirmed TR:Q19815 protein_id:AAA98131.1
CELE0002S00020363	9.185355	8.817261	1.290647	0.03312406	E03D2.1	CE16958	WBGene00003751	locus:nlp-13 neuropeptide status:Confirmed TR:O44540 protein_id:AAB94168.1
CELE0002S00020393	9.846355	9.345503	1.145049	0.007584575	K09G1.1a	CE12040	WBGene00010727	status:Confirmed TR:Q9XVL1 protein_id:CAB03197.1
CELE0002S00020399	4.932243	4.739772	1.142719	0.03565246	C02E7.5	CE07842	WBGene00005248	locus:srh-23 7TM chemoreceptor, srh family status:Predicted TR:Q18430 protein_id:AAC24184.1
CELE0002S00020423	6.690808	6.201112	1.403952	0.01131501	K08B12.2b	CE30817	WBGene00019521	status:Confirmed TR:Q8MPU2 protein_id:AAM45354.1
CELE0002S00020448	5.167821	4.66544	1.148549	0.02992654	T28A11.6	CE14291	WBGene00020873	status:Predicted TR:P91514 protein_id:AAC48117.1
CELE0002S00020452	9.920143	9.685288	1.178788	0.007558236	ZK8.7a	CE18444	WBGene00022842	lipase status:Confirmed TR:O61886 protein_id:AAQ45574.1
CELE0002S00020466	5.983727	5.454307	1.443349	0.04843442	G52A10.1	CE29233	WBGene00018862	carboxylesterase status:Partially_confirmed TR:Q95YC4 protein_id:AAK88261.2
CELE0002S00020473	8.74682	8.527821	1.163764	0.01988481	G12D8.1b.3			
CELE0002S00020503	9.13574	8.583129	1.486738	0.000478697	F07B7.10	CE04501	WBGene00001925	locus:his-51 status:Predicted SW:P09588 protein_id:AAK84506.1
CELE0002S00020575	5.018594	4.729329	1.222018	0.03737845	C08B8.2	CE31298	WBGene00007423	status:Partially_confirmed TR:Q17814 protein_id:CAA96585.2
CELE0002S00020586	6.997163	6.850209	1.271872	0.02371725	F41H8.1	CE19888	WBGene00018312	status:Predicted TR:Q8UQA1 protein_id:AAC69211.1
CELE0002S00020670	6.795829	6.555558	1.181218	0.02913884	F27B10.1	CE30769	WBGene00017850	status:Confirmed TR:Q8MNR7 protein_id:AAM29882.1
CELE0002S00020891	8.075214	7.550925	1.438225	0.00872498	F36H9.4	CE33078	WBGene00018112	status:Predicted TR:O16820 protein_id:AAO12440.1
CELE0002S00020716	6.824574	6.290934	1.447577	0.008570419	F22B8.6	CE15884	WBGene00009048	cystathione gamma-lyase like status:Confirmed TR:O45391 protein_id:CAB05492.1
CELE0002S00020726	9.293804	8.774152	1.433609	0.004873	F35E8.8	CE15958	WBGene00001788	locus:gst-38 glutathione S-transferase status:Partially_confirmed TR:O45451 protein_id:CAB04293.1
CELE0002S00020733	10.455889	9.999167	1.37242	0.001404893	F44E7.4a	CE10402	WBGene00018428	peptidase status:Partially_confirmed TR:O16249 protein_id:AAC25789.1
CELE0002S00020743	7.975221	7.588019	1.307854	0.02398241	W08A12.1c.1			
CELE0002S00020811	7.911292	7.72476	1.138025	0.03140779	F31F7.1b.1	CE33063	WBGene00017964	F31F7.1 TR:Q87G5
CELE0002S00020817	8.107888	7.553445	1.468581	0.03362498	F31F7.1b.3			
CELE0002S00020848	6.078973	5.498975	1.468921	0.03867802	Y36B8A.28	CE29869	WBGene00012687	status:Predicted TR:Q8MYN2 protein_id:CAD31824.1
CELE0002S00020909	5.131285	4.676512	1.370587	0.006735215	C41G6.10	CE23586	WBGene00005637	locus:sri-25 7TM chemoreceptor, sri family status:Partially_confirmed TR:O17858 protein_id:CAB02830.2
CELE0002S00020938	8.377951	7.811129	1.481257	0.02968283	F23B12.4	CE09596	WBGene00009081	status:Confirmed TR:Q19751 protein_id:CAB01166.1
CELE0002S00020969	6.352256	5.818261	1.449942	0.03146258	Y45G5AM.8	CE27409	WBGene00021560	status:Partially_confirmed TR:Q95XJ4 protein_id:AAK84607.1
CELE0002S00020979	12.679516	12.401489	1.212536	0.01641574	Y89H2.14	CE32542	WBGene00013489	status:Confirmed TR:Q8I4C0 protein_id:CAD58615.1
CELE0002S00020990	5.446125	5.201579	1.18472	0.03241467	B0198.3	CE37308	WBGene00007116	protein kinase status:Partially_confirmed TR:Q17443 protein_id:CAA91529.2
CELE0002S00021036	13.657895	13.188538	1.384492	0.000860382	F48F2.3	CE05880	WBGene00009787	status:Confirmed TR:Q20468 protein_id:CAA93772.1
CELE0002S00021046	7.086823	6.714408	1.294518	0.03739986	F57C7.3a	CE05996	WBGene00004749	locus:sdn-1 syndecan like protein status:Confirmed SW:P50805 protein_id:CAA83474.1
CELE0002S00021052	8.617897	8.1284	1.403955	0.01353297	T02C5.5d.2	CE34591	WBGene00006742	unc-2 TR:Q7Y2H2
CELE0002S00021068	6.888104	6.343448	1.289848	0.04449247	F15A8.5d	CE33618	WBGene00001052	locus:dop-1 status:Partially_confirmed TR:Q86ME3 protein_id:AAO91739.1
CELE0002S00021085	6.324034	6.23408	1.084351	0.03645781	C05D9.2	CE07928	WBGene00015471	status:Confirmed TR:Q9GYK0 protein_id:AAF98603.1
CELE0002S00021112	10.678239	10.368927	1.283529	0.03078502	T23E7.2d	CE24008	WBGene00020732	status:Confirmed TR:Q9TXR8 protein_id:AAD47130.1
CELE0002S00021118	6.547181	6.372942	1.128389	0.0453654	F56E3.3a.1			
CELE0002S00021133	6.150527	5.623647	1.44081	0.002719665	T01C1.4	CE31584	WBGene00011317	status:Partially_confirmed TR:Q8MPY7 protein_id:CAD44146.1
CELE0002S00021137	6.388449	5.987141	1.318875	0.02960752	F09E10.1	CE29254	WBGene00017294	status:Partially_confirmed TR:Q19252 protein_id:AAB52487.2
CELE0002S00021141	7.340771	6.84853	1.406828	0.004404299	F09E10.3	CE30939	WBGene00000988	locus:dha-25 short-chain alcohol dehydrogenase status:Confirmed TR:Q19248 protein_id:AAB52488.2
CELE0002S00021142	6.967767	6.452798	1.428965	0.0106732	K899.8h	CE31877	WBGene00001516	locus:gsp-2 GTPase-activating protein status:Confirmed SW:Q8MLZ5 protein_id:CAD44150.1
CELE0002S00021171	10.872379	10.582456	1.222575	0.009034383	T22E5.5	CE04994	WBGene00003495	locus:mup-2 troponin T-like protein status:Confirmed SW:Q27371 protein_id:AAA83615.1
CELE0002S00021182	5.550062	5.222692	1.254724	0.03789215	F55A4.8c.1	CE31183	WBGene00018880	F55A4.8 TR:Q8MPU5
CELE0002S00021189	8.042268	7.702382	1.265655	0.03117689	F41D9.3c	CE30987	WBGene00008942	locus:wrk-1 status:Confirmed TR:Q8MPV0 protein_id:AAM54180.1
CELE0002S00021201	4.672184	4.388422	1.217365	0.04753214	F53A9.3	CE30140	WBGene00018728	status:Partially_confirmed TR:Q20888 protein_id:AAC46558.2
CELE0002S00021210	7.025041	6.575788	1.365333	0.01586265	F53A9.7	CE02767	WBGene00018730	status:Partially_confirmed TR:Q20892 protein_id:AAC46582.1
CELE0002S00021214	6.343448	5.953584	1.31027	0.01186674	F53A9.9	CE02769	WBGene00018732	status:Predicted SW:P50439 protein_id:AAC46584.1
CELE0002S00021229	5.631533	5.297208	1.280787	0.02459171	F39H12.4	CE24983	WBGene00018215	status:Partially_confirmed TR:Q9TXJ8 protein_id:AAF23186.1
CELE0002S00021292	9.575158	9.082841	1.426339	0.00737684	F57G12.1	CE03426	WBGene00010221	status:Confirmed TR:Q20955 protein_id:CAA91534.1
CELE0002S00021307	9.840804	9.146592	1.408551	0.000439644	F18H3.3a.4	CE02193	WBGene00003903	pab-2 TR:Q19579
CELE0002S00021328	6.258359	5.728295	1.443993	0.000926873	K02A4.2	CE03458	WBGene00001681	locus:gpc-1 guanine nucleotide-binding protein gamma subunit status:Confirmed SW:P54406 protein_id:CAA91806.1

SEQ_ID	control	Expose	FoldChange	pvalue	GENE_NAME	WB_Wormpop_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00021339	7.28255	7.218745	1.423567	0.009702697	C16B8.3.1	CE04013	WBGene00015823	C16B8.3 TR-Q18043
CELE0002S00021341	9.995438	9.465374	1.443993	0.02326288	T28B4.3	CE14325	WBGene00020886	status:Confirmed TR-Q17345 protein_id:AAK39307.1
CELE0002S00021342	7.073384	6.656966	1.33461	0.01878491	C16B8.3.2	CE04013	WBGene00015823	C16B8.3 TR-Q18043
CELE0002S00021346	6.617507	6.100842	1.430644	0.04882048	C16B8.3.3			
CELE0002S00021371	9.869782	9.500504	1.291706	0.02118008	T19D2.2	CE07515	WBGene00004184	locus:prf-1 protein-tyrosine phosphatase status:Confirmed TR-Q22582 protein_id:AAA83602.1
CELE0002S00021414	10.624517	10.310002	1.243594	0.003381112	R07E4.6a	CE04821	WBGene00002190	locus:kin-2 status:Confirmed SWP30825 protein_id:AAA80405.1
CELE0002S00021419	10.618284	10.180854	1.35419	0.002788092	C15H9.2	CE04001	WBGene00015803	C15H9.2 TR-Q18032
CELE0002S00021545	11.166903	10.70595	1.376451	0.0000853	T04G9.5	CE04886	WBGene00020216	C. familiaris signal sequence receptor beta status:Confirmed TR-Q22169 protein_id:AAA82458.1
CELE0002S00021584	5.984134	5.445783	1.432317	0.01275927	D1009.3a	CE27893	WBGene00017013	status:Partially_confirmed TR-Q18914 protein_id:AAA81695.2
CELE0002S00021582	7.261967	6.879532	1.30354	0.009470355	F27D9.6	CE28011	WBGene00000992	locus:dhs-29 status:Confirmed TR-Q19843 protein_id:AAK68350.1
CELE0002S00021587	13.48126	13.007683	1.388548	0.01361256	T07H8.3b.1	CE25983	WBGene00000739	col-166 TR-Q86FL7
CELE0002S00021588	8.303936	7.72821	1.490427	0.0457102	ZK1073.2	CE24713	WBGene00014214	status:Partially_confirmed TR-Q23393 protein_id:CAA92228.2
CELE0002S00021589	8.245874	8.036879	1.155722	0.01769813	T07H8.3b.2	CE25983	WBGene00000739	col-166 TR-Q86FL7
CELE0002S00021590	10.577659	10.104195	1.388439	0.01157323	M02D8.1	CE04757	WBGene00019727	status:Partially_confirmed TR-Q21485 protein_id:AAA82383.1
CELE0002S00021601	8.770581	8.580581	1.140764	0.01428048	F18H3.3b	CE03230	WBGene00003903	locus:pbp-2 RNA recognition motif (aka RRM, RBD, or RNP domain) (4 domains) status:Partially_confirmed TR-Q19581 protein_id:CAA90446.1
CELE0002S00021608	8.354482	8.10803	1.187932	0.02081813	Y71H10A.1b.2	CE37296	WBGene00022199	Y71H10A.1 TR-Q85X24
CELE0002S00021623	8.164453	5.870814	1.225728	0.01503573	F22F1.3	CE04445	WBGene00017715	mouse CREB-binding protein; human transcriptional adaptor protein p300 status:Predicted TR-Q19744 protein_id:AAA83283.1
CELE0002S00021641	6.840526	6.555352	1.218557	0.02200973	C35C5.3b	CE18543	WBGene00007955	status:Partially_confirmed
CELE0002S00021644	7.984238	7.430821	1.447552	0.04130021	F14D12.4a	CE04393	WBGene00003168	locus:mec-2 status:Confirmed SW-Q27433 protein_id:AAA82333.1
CELE0002S00021648	7.105839	7.070035	1.025128	0.04709033	F09F9.1	CE04346	WBGene00017308	status:Partially_confirmed TR-Q19282 protein_id:AAA81762.1
CELE0002S00021649	8.592817	8.021608	1.485768	0.000871982	F09F9.2	CE04347	WBGene00017307	status:Partially_confirmed TR-Q19281 protein_id:AAA81761.1
CELE0002S00021696	7.902622	7.618718	1.217485	0.03168129	Z064.3a	CE25674	WBGene00000441	locus:ceh-18 homeobox protein status:Confirmed SW-P41934 protein_id:AAA80426.2
CELE0002S00021705	11.379658	10.990598	1.30954	0.005748826	F20B6.2	CE04424	WBGene00008921	locus:sha-12 vacuolar ATP synthase (strong) status:Confirmed SW-Q19826 protein_id:AAA82311.1
CELE0002S00021717	8.342762	8.807989	1.351698	0.01031683	H05L03.3.1	CE34043	WBGene00019160	H05L03.3 TR-Q85YA3
CELE0002S00021728	9.134516	8.603172	1.445275	0.03310026	F16H9.1b	CE23666	WBGene00004345	locus:crge-2 status:Confirmed TR-Q9TVK0 protein_id:CAB54230.1
CELE0002S00021729	10.831846	10.84125	1.382923	0.0000572	D1025.6	CE17612	WBGene00008357	status:Confirmed TR-Q82121 protein_id:CAC42279.1
CELE0002S00021739	4.698989	4.500382	1.147534	0.04092337	ZG13.2	CE29614	WBGene00022503	status:Confirmed TR-Q95Q41 protein_id:AAL13328.1
CELE0002S00021751	9.874202	9.431902	1.358769	0.00184763	F49E2.5d.1	CE31532	WBGene00009888	F49E2.5 TR-Q045544
CELE0002S00021764	9.975319	9.472826	1.416659	0.001761263	H18N23.2b	CE35731	WBGene00019211	status:Partially_confirmed TR-Q8MXV2 protein_id:AAM69103.2
CELE0002S00021840	10.831761	10.35779	1.388927	0.002324781	C35C5.9	CE31437	WBGene00007958	status:Partially_confirmed TR-Q93333 protein_id:CAB01689.2
CELE0002S00021850	8.418895	8.002861	1.334255	0.04837612	F49E2.2a.2	CE31527	WBGene00009888	F49E2.2 TR-Q20621
CELE0002S00021916	7.09564	6.801293	1.408683	0.005690175	W04G3.1	CE03785	WBGene00012255	status:Partially_confirmed TR-Q23182 protein_id:CAA92023.1
CELE0002S00021935	8.461535	7.899924	1.475916	0.03226711	C07A12.7c.2	CE33557	WBGene00015581	C07A12.7 TR-Q89GT7
CELE0002S00021960	8.440028	8.227373	1.158819	0.04969894	F49E2.5g	CE31951	WBGene00009888	status:Partially_confirmed TR-Q84I3 protein_id:CAD45595.2
CELE0002S00021966	8.289355	5.805427	1.30489	0.0475609	K04E7.2	CE25039	WBGene00003877	locus:opt-2 Oligopeptide transporter status:Confirmed SW-Q21219 protein_id:AAA80411.2
CELE0002S00021977	5.705982	5.255171	1.366808	0.03154687	F56B6.4a	CE04664	WBGene00006863	locus:uvr-5 glycogenin status:Partially_confirmed TR-Q22997 protein_id:AA804562.1
CELE0002S00021978	9.770614	9.265238	1.419493	0.003168505	F56B6.4b	CE29405	WBGene00006863	locus:uvr-5 status:Confirmed TR-Q95Q50 protein_id:AAL11484.1
CELE0002S00021989	8.417941	7.872591	1.459374	0.008446876	F28B4.3	CE07153	WBGene00017892	EGF-like repeat status:Partially_confirmed TR-Q19853 protein_id:AAA83584.1
CELE0002S00021999	9.259086	8.821967	1.353879	0.004339279	H20J18.1a	CE18818	WBGene00004739	locus:scd-1 status:Partially_confirmed TR-Q9XXK5 protein_id:CAA18899.1
CELE0002S00022003	10.126386	9.844112	1.398944	0.0429847	C44C10.1	CE05408	WBGene00000753	locus:col-180 collagen status:Partially_confirmed TR-Q18820 protein_id:CAA93842.1
CELE0002S00022020	5.954733	5.46875	1.402483	0.01980117	T21E8.5	CE08487	WBGene00011903	status:Partially_confirmed TR-Q22654 protein_id:CAAB4218.1
CELE0002S00022036	6.855143	6.328545	1.440528	0.04217654	C09Q1.5	CE37314	WBGene00007487	status:Confirmed TR-Q7YTR3 protein_id:CAE17719.2
CELE0002S00022047	5.769389	5.186692	1.497646	0.02831649	F01E11.5a	CE30931	WBGene00017157	G-protein coupled receptor status:Partially_confirmed SW-Q18084 protein_id:AAA83574.3
CELE0002S00022119	8.815422	8.364211	1.367187	0.02659688	F40E10.8.3	CE31508	WBGene00009574	F40E10.8 TR-Q18995
CELE0002S00022136	13.253828	12.828631	1.342756	0.00000819	T10E10.2.2	CE23969	WBGene00000740	col-167 TR-Q22379
CELE0002S00022172	10.457393	10.060037	1.317092	0.008844631	E01H11.1c	CE30929	WBGene00004033	locus:pkc-2 Protein kinase C status:Partially_confirmed SW-P90980 protein_id:AAA88709.2
CELE0002S00022183	5.626554	5.318311	1.238199	0.02787901	F19C8.1	CE01554	WBGene00001708	locus:grk-1 G protein-coupled receptor kinase status:Partially_confirmed SW-Q09537 protein_id:CAA88047.1
CELE0002S00022217	12.092063	11.816851	1.210172	0.009011183	F52D10.3a.1	CE03389	WBGene00001502	rtt-2 TR-Q20655
CELE0002S00022223	7.728029	7.25907	1.384111	0.01777514	C54D2.5c	CE36115	WBGene00000387	locus:cca-1 status:Partially_confirmed TR-Q7Z002 protein_id:AA25851.1
CELE0002S00022307	9.26191	8.68451	1.492158	0.002504676	T05A10.1b	CE36396	WBGene00004882	locus:ama-9 status:Partially_confirmed TR-Q8MPY1 protein_id:CAD44152.2
CELE0002S00022309	6.345248	5.821231	1.437953	0.03804505	T05A10.1d	CE36398	WBGene00004882	locus:ama-9 status:Confirmed TR-Q7JM44 protein_id:CAF31491.1
CELE0002S00022334	9.875	9.309504	1.479896	0.000615829	F42F12.8	CE31940	WBGene00009639	F42F12.8 TR-Q81AJ1
CELE0002S00022379	6.105993	5.913676	1.422597	0.04876564	ZK721.1	CE26397	WBGene00006477	locus:tag-130 status:Partially_confirmed TR-Q9GYF0 protein_id:AA601588.1
CELE0002S00022410	6.657499	6.359638	1.22932	0.02892354	T27A10.7	CE37679	WBGene00020847	locus:cgr-1 status:Partially_confirmed TR-Q22824 protein_id:AAB52505.3
CELE0002S00022419	5.499777	4.96488	1.448839	0.01947887	R07A4.3	CE03532	WBGene00011074	status:Partially_confirmed TR-Q21781 protein_id:CAA91763.1
CELE0002S00022427	11.142542	10.7255	1.335187	0.00124774	F59F4.2	CE11548	WBGene00010337	status:Confirmed TR-Q93838 protein_id:CAB03157.1
CELE0002S00022475	6.752708	6.433366	1.247761	0.01483228	C02C6.2	CE23514	WBGene00007260	status:Partially_confirmed TR-Q93174 protein_id:CAB01856.2

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00022485	8.203998	7.74388	1.375654	0.01331771	K03E6.6	CE07332	WBGene00003991	locus:pfm-3 Profilin status:Partially_confirmed SW:Q21193 protein_id:AA089045.1
CELE0002S00022491	10.221702	9.653974	1.482188	0.005014788	C23H4.1.2	CE17435	WBGene00000277	cab-1 TR:Q93249
CELE0002S00022492	10.327439	9.865681	1.376379	0.02955765	C23H4.1.3	CE17435	WBGene00000277	cab-1 TR:Q93249
CELE0002S00022524	7.887684	7.387618	1.394807	0.01881785	T21H8.2	CE03691	WBGene00005063	locus:srs-37 7Tm receptor like status:Partially_confirmed TR:Q94072 protein_id:CAB01788.1
CELE0002S00022528	10.722911	10.623229	1.071537	0.03260746	F41E7.8	CE19867	WBGene00009624	status:Confirmed TR:Q9XVW3 protein_id:CAA92131.1
CELE0002S00022532	8.85375	8.351589	1.416333	0.02430873	F13B9.8a	CE04385	WBGene00001425	locus:fis-2 status:Partially_confirmed TR:Q16383 protein_id:AAK39224.1
CELE0002S00022536	8.943595	8.383332	1.474538	0.00543515	F13B9.8b	CE37102	WBGene00001425	locus:fis-2 status:Confirmed TR:Q8AHP8 protein_id:AAT92078.1
CELE0002S00022580	9.447752	9.152257	1.227306	0.02526402	H28G03.1a	CE30079	WBGene00019249	RNA binding protein status:Confirmed TR:Q8WSM6 protein_id:AAL39959.1
CELE0002S00022630	8.814931	8.327634	1.401816	0.01141041	F54E4.3	CE11078	WBGene00010059	status:Partially_confirmed TR:Q93786 protein_id:CAB01917.1
CELE0002S00022729	7.247247	6.677741	1.484015	0.01174907	C45B2.7	CE30905	WBGene00004219	locus:ptr-4 status:Confirmed TR:Q95YD0 protein_id:AAK68251.3
CELE0002S00022733	8.845288	8.516773	1.255718	0.008333599	C12D12.2a	CE29083	WBGene00001620	locus:glt-1 excitatory amino acid transporter status:Confirmed SW:Q10901 protein_id:AAL00857.1
CELE0002S00022737	10.92698	10.525846	1.320527	0.0009146	VW06B3R.1a	CE20123	WBGene00012158	insulinase (proteinase M16) status:Confirmed TR:Q9TVZ6 protein_id:CAB54320.1
CELE0002S00022755	10.163282	9.710621	1.368543	0.002045845	C14F11.1b	CE30862	WBGene00015778	status:Confirmed TR:Q8MQD9 protein_id:AAM51511.1
CELE0002S00022786	6.40578	6.112833	1.22514	0.01673038	C11E4.1	CE31410	WBGene00007518	glutathione peroxidase status:Partially_confirmed TR:Q93204 protein_id:CAB02659.2
CELE0002S00022787	8.298409	8.04971	1.188135	0.01383597	ZK899.1	CE01118	WBGene00014140	status:Partially_confirmed TR:Q23659 protein_id:CAA85486.1
CELE0002S00022779	8.001793	7.750089	1.190813	0.009417723	F48C8.1	CE04578	WBGene00018484	status:Partially_confirmed TR:Q9GYP2 protein_id:AAF99940.1
CELE0002S00022816	8.600091	8.039067	1.475316	0.002818816	T14G12.4a	CE04965	WBGene00001434	locus:fkf-2 fork head domain transcription factor (SLP2, D. melanogaster) status:Partially_confirmed TR:Q22510
CELE0002S00022821	6.671855	6.514275	1.11526	0.02598848	F56A4.8a	CE19463	WBGene00018860	status:Partially_confirmed TR:Q94243 protein_id:AAD32274.1
CELE0002S00022840	7.589901	7.088151	1.396437	0.03207644	E01H11.1a.2	CE30927	WBGene00004033	pkc-2 TR:P90980
CELE0002S00022886	9.624117	9.160372	1.379117	0.0457878	K09A9.5	CE11980	WBGene00001520	locus:gas-1 NADH-ubiquinone oxidoreductase 49kD subunit status:Confirmed SW:Q93873 protein_id:CAB01886.1
CELE0002S00022888	8.215264	7.950452	1.201479	0.0442331	K08A8.1a	CE30816	WBGene00003185	locus:mek-1 Map kinase status:Confirmed TR:Q21307 protein_id:AA75746.2
CELE0002S00022890	8.788721	8.343583	1.34272	0.047373	F48F7.4	CE05891	WBGene00004126	locus:pgn-39 status:Partially_confirmed TR:Q20576 protein_id:CAA93484.1
CELE0002S00022900	9.044531	8.659075	1.306273	0.01533644	C25F6.3	CE02498	WBGene00016103	status:Partially_confirmed SW:Q18164 protein_id:AAK39195.1
CELE0002S00022928	8.879042	8.637023	1.182847	0.008816219	C15C7.5	CE03991	WBGene00015791	status:Confirmed TR:Q18012 protein_id:AAK39188.1
CELE0002S00022970	14.059616	13.846864	1.158897	0.01101773	F55D10.2	CE02777	WBGene00004438	locus:rlp-25.1 Ribosomal protein L23 status:Confirmed SW:P46182 protein_id:AAA81728.1
CELE0002S00022971	6.40473	6.297789	1.078942	0.0495856	F55D10.3	CE04659	WBGene00018878	Esterase status:Partially_confirmed TR:Q20826 protein_id:AAA81727.1
CELE0002S00022979	8.757398	8.420154	1.263341	0.02514628	C14F5.4	CE30370	WBGene00015777	status:Partially_confirmed TR:Q09972 protein_id:AAA8404.3
CELE0002S00022981	11.064991	10.878583	1.137927	0.0200581	F01G12.5b.1	CE04335	WBGene00002280	let-2 TR:P17140
CELE0002S00022982	11.137727	10.81734	1.43434	0.003268963	F01G12.5b.2	CE04335	WBGene00002280	let-2 TR:P17140
CELE0002S00022997	11.231781	10.693314	1.452428	0.01023922	C07A12.4a.1	CE03972	WBGene00003963	pdf-2 TR:Q17770
CELE0002S00022999	12.790737	12.233494	1.471455	0.000291856	C07A12.4a.3			
CELE0002S00023001	7.332021	7.037121	1.2268	0.03327202	K02E10.4b	CE37250	WBGene00019318	status:Partially_confirmed TR:Q85ZJ0 protein_id:AAU05584.1
CELE0002S00023030	11.502294	11.189137	1.242423	0.01836975	M02F4.8.1	CE34058	WBGene00000175	agp-7 TR:Q21473
CELE0002S00023031	11.1737	10.774897	1.318414	0.004597336	M02F4.8.2	CE34058	WBGene00000175	agp-7 TR:Q21473
CELE0002S00023044	7.442627	7.149257	1.2255	0.02403659	C25G6.1	CE04082	WBGene00016107	status:Predicted TR:Q18180 protein_id:AAA82358.1
CELE0002S00023059	4.493153	4.371018	1.088346	0.01986142	F13C5.3	CE35470	WBGene00017424	status:Partially_confirmed TR:Q76582 protein_id:AA084613.2
CELE0002S00023062	9.295573	8.978032	1.246205	0.02211289	Y73B3A.20	CE33247	WBGene00022221	status:Confirmed TR:Q95XE3 protein_id:AAK39367.3
CELE0002S00023070	9.930174	9.459411	1.385842	0.000618823	W07E11.3b	CE28258	WBGene00001445	locus:flp-2 status:Confirmed TR:Q61465 protein_id:CAC42354.1
CELE0002S00023081	8.887914	8.370756	1.431133	0.00782694	T14F9.1.3	CE07497	WBGene00020507	vha-15 TR:Q22494
CELE0002S00023083	11.921944	11.353943	1.482468	0.001763979	T14F9.1.4	CE07497	WBGene00020507	vha-15 TR:Q22494
CELE0002S00023097	6.593464	6.026886	1.481212	0.005978279	Y102A11A.2a	CE29093	WBGene00022412	status:Partially_confirmed TR:Q95XK1 protein_id:AAK39314.2
CELE0002S00023116	6.48187	6.120613	1.284545	0.02347733	C02D4.2a	CE36092	WBGene00004777	locus:ser-2 status:Partially_confirmed SW:Q02213 protein_id:CAF31467.1
CELE0002S00023227	6.431328	5.93634	1.409309	0.01967013	R07B1.9	CE01835	WBGene00011061	status:Partially_confirmed SW:Q09609 protein_id:CAA88546.1
CELE0002S00023255	9.179996	8.635055	1.468861	0.0203224	T04C10.4.2	CE06355	WBGene00000221	atf-5 TR:Q22156
CELE0002S00023278	7.987511	7.507278	1.375764	0.01864382	F33C8.3	CE05798	WBGene00006634	locus:tag-8 tetraspanin status:Partially_confirmed TR:Q19983 protein_id:CAA93655.1
CELE0002S00023284	9.632268	9.07289	1.473834	0.04683538	T08G2.3.1	CE07473	WBGene00020366	T08G2.3 TR:Q22347
CELE0002S00023304	7.698814	7.147166	1.465759	0.00786622	R03A10.4	CE29335	WBGene00010984	glutamine-phenylpyruvate transaminase status:Partially_confirmed TR:Q8MP09 protein_id:CAA93673.2
CELE0002S00023324	7.65946	7.31342	1.271087	0.01577501	C30F2.3	CE35416	WBGene00007817	status:Partially_confirmed TR:Q18329 protein_id:CAA94579.2
CELE0002S00023356	5.051043	4.846424	1.152382	0.04431482	R01E6.1	CE27430	WBGene00003848	locus:cod-1 guanylate cyclase status:Partially_confirmed TR:Q21617 protein_id:CAA92186.2
CELE0002S00023428	6.136834	5.588412	1.482901	0.01105641	C14E2.5	CE35397	WBGene00015774	status:Partially_confirmed TR:Q17986 protein_id:AAA85750.2
CELE0002S00023433	10.470757	10.117073	1.277819	0.002717428	F48C11.3	CE10752	WBGene00003741	locus:rlp-3 status:Confirmed TR:Q93745 protein_id:CAB02552.1
CELE0002S00023445	8.677341	8.112655	1.479068	0.02009341	ZK455.1.1	CE03812	WBGene00000040	aco-1 TR:Q23500
CELE0002S00023449	8.49748	8.099375	1.317776	0.003102709	ZK455.1.3			
CELE0002S00023450	10.194997	9.660967	1.447988	0.002267021	C49F5.1.2	CE08852	WBGene00008205	C49F5.1 TR:Q17680
CELE0002S00023464	5.795346	5.363923	1.348583	0.04383829	F57C12.5d.2	CE34565	WBGene00003407	mvp-1 TR:Q7Y2W1
CELE0002S00023602	7.822077	7.405536	1.334724	0.04087613	C47D2.1	CE06981	WBGene00016738	status:Partially_confirmed TR:Q22923 protein_id:AAB04994.1
CELE0002S00023676	8.897882	8.627578	1.206062	0.04937154	F47B7.7	CE35544	WBGene00018538	status:Confirmed TR:Q20515 protein_id:AAA80372.2

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_WormpepJD	WB_Gene_ID	DESCRIPTIONS
CELE0002S00023684	7.562664	7.01898	1.45771	0.01359058	F46H5.2a	CE30801	WBGene00018518	status:Confirmed TR:Q20490 proteinId:AAB37021.2
CELE0002S00023685	8.793565	8.434469	1.282622	0.02521198	F46H5.2b	CE34024	WBGene00018518	status:Confirmed TR:Q721R2 proteinId:AAP40530.1
CELE0002S00023687	8.6439	8.197437	1.362695	0.001718097	F29G6.3a	CE36483	WBGene00009259	status:Partially_confirmed TR:Q93637 proteinId:CAB01755.2
CELE0002S00023703	10.891048	10.563684	1.254719	0.005680321	F22H10.6	CE09575	WBGene00017730	status:Predicted TR:Q94182 proteinId:AAB09103.1
CELE0002S00023710	6.084788	5.672589	1.31239	0.01751407	F47A4.1b	CE31524	WBGene00009799	ligand gated ion channel status:Partially_confirmed TR:Q9MM20 proteinId:CAD44128.1
CELE0002S00023723	7.114463	6.971557	1.104127	0.04029758	F52E10.4	CE03396	WBGene00009935	status:Partially_confirmed TR:Q20670 proteinId:CAA81055.1
CELE0002S00023746	8.785626	8.239888	1.459769	0.000148055	B0563.4	CE30843	WBGene00008479	locus:tag-132 status:Confirmed SW:Q11080 proteinId:AAA68318.2
CELE0002S00023753	7.801627	7.226145	1.297273	0.03591144	K09E2.1	CE02814	WBGene00019570	status:Predicted TR:Q21394 proteinId:AAC46572.1
CELE0002S00023802	5.793147	5.309591	1.398186	0.02069322	T18D3.9	CE35017	WBGene00011826	status:Predicted TR:Q7YVW6 proteinId:CAE17916.1
CELE0002S00023806	8.340517	7.820316	1.434155	0.009473814	F35C8.5	CE04497	WBGene00018038	status:Partially_confirmed TR:Q20027 proteinId:AAA87110.1
CELE0002S00023807	9.481489	9.123437	1.264031	0.01084894	F35C8.6	CE30869	WBGene00003990	locus:pin-2 status:Partially_confirmed
CELE0002S00023819	8.250292	7.95416	1.227848	0.0493476	K02G10.4c	CE34328	WBGene00001454	locus:flp-11 status:Confirmed TR:Q72140 proteinId:AAP68932.1
CELE0002S00023825	12.296255	11.85894	1.354082	0.01657939	R03G5.1e	CE33154	WBGene00001169	locus:oft-4 status:Confirmed TR:Q88NF3 proteinId:AAO21383.1
CELE0002S00023852	10.236398	9.898217	1.264162	0.02746519	C53B7.3	CE08973	WBGene00016894	status:Confirmed TR:Q18804 proteinId:AAC48274.1
CELE0002S00023854	11.837416	11.465141	1.294392	0.003455071	C53B7.4	CE06974	WBGene00000210	locus:tag-2 ATP synthase status:Confirmed SW:Q18803 proteinId:AAC48278.1
CELE0002S00023916	6.340118	6.239487	1.072242	0.04931498	C16E9.4b	CE31881	WBGene00002123	locus:inx-1 status:Partially_confirmed TR:Q81Q52 proteinId:AAN71843.1
CELE0002S00023926	12.923934	12.398273	1.439593	0.00000385	K10B3.8	CE07371	WBGene00001684	locus:gpd-2 status:Confirmed SWP17329 proteinId:AAB53874.1
CELE0002S00023948	8.24771	7.689084	1.493426	0.0111511	F58F10.3	CE28465	WBGene00018986	cytosine dioxygenase status:Confirmed SW:Q20893 proteinId:AAB38822.2
CELE0002S00023970	5.476585	5.135834	1.266416	0.04080804	C54D1.3	CE37098	WBGene00002163	locus:ist-1 status:Confirmed TR:Q18820 proteinId:AAC48153.4
CELE0002S00023981	5.246688	5.063204	1.135607	0.04331824	D2021.2b	CE34287	WBGene00017047	status:Confirmed TR:Q72127 proteinId:AAP68948.1
CELE0002S00023989	9.696147	9.197673	1.412718	0.01749426	T23F2.4	CE04999	WBGene00002073	status:Predicted
CELE0002S00024011	9.360796	8.790952	1.484363	0.04845818	F38B2.4	CE02218	WBGene00009531	adenylate kinase status:Confirmed SW:Q20140 proteinId:CAA90384.1
CELE0002S00024013	8.889798	8.604583	1.218592	0.0354619	C23F12.1a	CE32133	WBGene00016006	status:Partially_confirmed TR:Q81Q47 proteinId:AAN80531.1
CELE0002S00024014	5.850166	5.344724	1.419558	0.0161654	F55A4.6	CE11107	WBGene00018857	status:Partially_confirmed TR:Q84239 proteinId:AAB07566.1
CELE0002S00024020	8.331064	7.941677	1.309837	0.003994728	F55A4.7	CE19462	WBGene00018859	status:Predicted TR:Q94242 proteinId:AAD32275.1
CELE0002S00024030	7.519718	7.033046	1.40121	0.003325579	F56E3.3b	CE31007	WBGene00002217	locus:klp-4 status:Partially_confirmed TR:Q8M20 proteinId:AAM51501.1
CELE0002S00024038	9.636335	9.23408	1.321572	0.01289209	ZC504.4a	CE25672	WBGene00003247	locus:mig-15 serine/threonine kinase (PAK/STE20 subfamily) status:Confirmed TR:Q9XYC3 proteinId:CAB83416.1
CELE0002S00024040	9.379398	8.801835	1.492326	0.001774654	ZC504.4c	CE28273	WBGene00003247	locus:mig-15 status:Partially_confirmed TR:Q95Z17 proteinId:CAC42384.1
CELE0002S00024041	7.040355	6.671267	1.291536	0.008310321	PDB1.1	CE31209	WBGene00019803	status:Partially_confirmed TR:Q21611 proteinId:AAA81718.3
CELE0002S00024052	5.217019	5.144485	1.051662	0.03832914	T25C12.2	CE03735	WBGene00004994	locus:app-9 status:Partially_confirmed TR:Q22776 proteinId:CAA91486.1
CELE0002S00024058	11.386724	10.801764	1.499997	0.007841519	F02E8.1.1	CE07016	WBGene00000207	esb-2 TR:Q19126
CELE0002S00024059	11.142051	10.821482	1.24884	0.032382	F02E8.1.2	CE07016	WBGene00000207	esb-2 TR:Q19126
CELE0002S00024086	11.861758	11.320139	1.455805	5.75E-08	C24A3.2b	CE29184	WBGene00016033	status:Confirmed TR:Q95QU9 proteinId:AAL02442.1
CELE0002S00024087	10.374326	9.91818	1.371872	0.004213513	R173.4.1	CE31059	WBGene000020126	R173.4 TR:Q8MPY9
CELE0002S00024093	7.187718	6.997283	1.411108	0.02495746	Y40C7B.4	CE24263	WBGene00021500	status:Partially_confirmed TR:Q9N509 proteinId:AAF80544.1
CELE0002S00024113	6.008573	5.756459	1.190951	0.04002003	C54G7.2.3			
CELE0002S00024148	6.084617	5.534592	1.443954	0.03271262	F47G3.1	CE29327	WBGene00018576	status:Partially_confirmed TR:Q9QYN6 proteinId:AAF99522
CELE0002S00024275	7.468405	7.185693	1.218479	0.01059094	F46H5.7a.1	CE04593	WBGene00018522	F46H5.7 TR:Q20486
CELE0002S00024277	8.155246	7.685435	1.384928	0.03701582	F46H5.7a.2	CE04593	WBGene00018522	F46H5.7 TR:Q20486
CELE0002S00024298	10.468347	9.947396	1.434901	0.01083244	B0403.4	CE03880	WBGene00015168	protein disulfide-isomerase status:Confirmed SW:Q11087 proteinId:AAC47085.1
CELE0002S00024335	6.22948	5.999332	1.172955	0.04381281	C04E7.2	CE28816	WBGene00015429	status:Partially_confirmed SW:Q11193 proteinId:AAA82329.2
CELE0002S00024359	6.999262	6.668201	1.257938	0.01370169	F38B6.6	CE30976	WBGene00016175	status:Partially_confirmed TR:Q20144 proteinId:AAA81143.2
CELE0002S00024366	8.862676	8.695046	1.203829	0.03152589	T01C8.2	CE07459	WBGene00020143	status:Confirmed TR:Q22085 proteinId:AAB00576.1
CELE0002S00024381	6.595339	6.097427	1.412168	0.02297825	F13E6.5	CE37502	WBGene00006749	status:Partially_confirmed TR:Q19403 proteinId:CAA82120.2
CELE0002S00024397	5.863008	5.454098	1.327682	0.03969318	F42E11.1.2	CE03308	WBGene00003998	pgp-4 TR:Q20331
CELE0002S00024433	7.778624	7.267269	1.425388	0.003753989	F09E10.7a.2	CE34536	WBGene00017297	F09E10.7 TR:Q7YZV4
CELE0002S00024456	10.013528	9.762463	1.190085	0.02273856	F11C7.5	CE17857	WBGene00017377	status:Confirmed TR:Q45346 proteinId:AAC89016.1
CELE0002S00024482	7.895913	7.407332	1.403084	0.02811583	ZK54.1.1	CE31271	WBGene00022647	ZK54.1 TR:Q23514
CELE0002S00024497	5.168678	4.648042	1.436578	0.04267528	F49H12.4	CE34564	WBGene00018655	status:Partially_confirmed TR:Q9N536 proteinId:AAF39826.2
CELE0002S00024498	7.839872	7.41232	1.344949	0.01588881	F49H12.5	CE20835	WBGene00018656	status:Confirmed TR:Q9N537 proteinId:AAF39830.1
CELE0002S00024535	9.78398	9.258147	1.439765	0.01507923	F59G1.6			lin-4
CELE0002S00024658	7.574612	7.320482	1.192616	0.02715011	chrIII_7116043-7117543			
CELE0002S00024691	10.991127	10.484807	1.420422	0.03361814	chrIII_11693713-11695075			
CELE0002S00024694	5.151587	4.983659	1.123444	0.04710845	chrIII_10290268-10291768			
CELE0002S00024729	9.331824	8.882399	1.365496	0.0000109	chrIII_11751385-11752885			
CELE0002S00024732	8.211631	8.035713	1.129683	0.01152429	chrIII_2571297-2572567			
CELE0002S00024734	6.745421	6.354117	1.311578	0.01135982	chrIII_1006521-1008021			

SEQ_ID	control	Expose	FoldChange	pvalue	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00024779	10.16463	9.631442	1.447123	0.04255196	chrIL263502-265002			
CELE0002S00024822	10.985659	10.478606	1.401579	0.01672933	chrIL10202141-10203333			
CELE0002S00024875	6.466201	6.116378	1.274404	0.01657507	chrIL5759990-5761490			
CELE0002S00024878	5.231659	4.947465	1.21773	0.04041629	chrIL6380601-6382101			
CELE0002S00024887	6.047301	5.913671	1.097051	0.03541567	chrIL607395-608895			
CELE0002S00024916	5.799403	5.453247	1.271169	0.01863854	chrL14010150-14011447			
CELE0002S00024927	8.834299	8.379814	1.370294	0.004041598	chrL472786-474286			
CELE0002S00024988	5.303894	4.835827	1.383255	0.03993825	chrL14442484-14443984			
CELE0002S00024994	8.748699	8.60186	1.107141	0.01729526	chrL11171493-11172993			
CELE0002S00025123	7.514705	7.164843	1.274439	0.04309098	chrIV_4414672-4415858			
CELE0002S00025287	11.028032	10.548495	1.394296	0.01520533	chrX_17008658-17010158			
CELE0002S00025313	5.498804	4.932243	1.480989	0.00749994	chrX_1418746-1420246			
CELE0002S00025319	7.357301	7.154329	1.151097	0.02074186	chrX_4071487-4072180			
CELE0002S00025365	5.110887	4.949568	1.118154	0.03380203	chrX_2938698-2940198			
CELE0002S00025373	7.322976	6.75515	1.482288	0.003821427	chrX_14743198-14744153			
CELE0002S00025383	5.853859	5.768253	1.081133	0.02302203	chrX_5186525-5188025			
CELE0002S00025387	9.023087	8.672272	1.275263	0.02232329	chrX_15076397-15077814			

1.5倍以上2.0倍未満(Expose増)

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00000052	6.14025	7.087033	1.92757	0.001692465	B0511.1	CE26851	WBGene00001432	locus:fkf-7 status:Partially_confirmed TR:O61826 protein_id:AAC17657.2
CELE0002S00000187	6.626773	7.436385	1.75274	0.04662823	C03D6.5	CE36095	WBGene00007277	anti-silencing protein status:Confirmed TR:Q17603 protein_id:CAA9762.3
CELE0002S00000208	6.64369	7.264658	1.537907	0.006928916	F30F8.1	CE09813	WBGene00009270	status:Partially_confirmed TR:Q93649 protein_id:CAB03029.1
CELE0002S00000229	7.843696	8.740945	1.862511	0.002188352	T24D1.3	CE14168	WBGene00011986	status:Confirmed TR:O23333 protein_id:CAB03425.1
CELE0002S00000239	7.271229	8.128312	1.811372	0.003888779	C10H11.10	CE08099	WBGene00015898	status:Partially_confirmed TR:P91042 protein_id:AAB42349.1
CELE0002S00000369	6.122169	6.736803	1.530957	0.009066096	E01A2.3b	CE36923	WBGene00003029	locus:lin-44 status:Confirmed TR:Q6F3D0 protein_id:AAAT68899.1
CELE0002S00000393	5.718466	6.329649	1.527511	0.02270299	F57C9.4b	CE28475	WBGene00019011	status:Partially_confirmed TR:Q95R06 protein_id:AAK73888.1
CELE0002S00000427	6.811329	7.238698	1.544745	0.04567484	C34G6.3	CE08575	WBGene00016420	status:Partially_confirmed TR:O01496 protein_id:AAB52477.1
CELE0002S00000482	6.029495	6.876908	1.566357	0.01427921	Y10G6H.6.2	CE34225	WBGene00013719	Y10G6H.6 TR:Q9U224
CELE0002S00000597	6.392455	6.998081	1.521639	0.007322811	F22D6.10	CE05691	WBGene00000636	locus:col-80 collagen status:Partially_confirmed TR:Q19725 protein_id:CAA95812.1
CELE0002S00000598	7.428327	8.214149	1.726468	0.0095864	K07A1.1	CE18854	WBGene00010608	status:Partially_confirmed TR:P90908 protein_id:CAB03174.1
CELE0002S00000638	7.668768	8.490788	1.76788	0.04138293	Y48G1BL.3	CE27785	WBGene00004246	locus:puf-10 status:Partially_confirmed TR:Q9N3Q2 protein_id:AAF60891.2
CELE0002S00000777	6.760943	7.478014	1.843841	0.001243545	R10A10.2	CE12670	WBGene00019993	locus:rbx-2 zinc finger protein status:Partially_confirmed TR:P91404 protein_id:AAB37826.1
CELE0002S00000788	7.676656	8.597781	1.893591	0.009346644	Y65B4BL.2.2	CE25536	WBGene00022034	Y65B4BL.2 TR:Q9N303
CELE0002S00000908	10.056912	10.915259	1.81296	0.0000836	B0414.3	CE07733	WBGene00001856	locus:hil-5 histone H1 status:Confirmed SW:O01833 protein_id:AAB57720.1
CELE0002S00000996	6.723592	7.464849	1.871632	0.01731016	F26B1.2d	CE33059	WBGene00017816	status:Confirmed TR:Q8I7G7 protein_id:AAO12448.1
CELE0002S00000998	10.029309	10.993087	1.950411	0.000000713	F26B1.2e	CE33060	WBGene00017816	status:Confirmed TR:Q8I7G9 protein_id:AAO12449.1
CELE0002S00001070	5.031139	5.825969	1.734873	0.01676427	F29D10.3	CE05762	WBGene00009252	status:Predicted TR:Q19900 protein_id:CAB00094.1
CELE0002S00001120	8.661928	9.592092	1.905493	0.000592587	F26B1.3	CE09875	WBGene00002073	locus:ima-2 importin alpha, nuclear transport factor status:Confirmed SW:P91276 protein_id:AAB37790.1
CELE0002S00001146	8.265308	8.912277	1.565875	0.03551953	T22A3.3	CE13916	WBGene00003083	locus:let-1 status:Partially_confirmed TR:P91820 protein_id:CAB03381.1
CELE0002S00001262	5.056162	5.771804	1.842214	0.02735477	F33D11.9a.1	CE37904	WBGene00018006	F33D11.9 TR:
CELE0002S00001365	6.729248	7.462239	1.862081	0.00131498	Y52B11A.2a	CE20291	WBGene00013122	Uncharacterized protein family UPF0029 status:Partially_confirmed TR:Q9XWF4 protein_id:CAA21718.1
CELE0002S00001367	6.922235	7.64732	1.852998	0.04089972	Y52B11A.2b	CE36243	WBGene00013122	status:Partially_confirmed TR:Q7K779 protein_id:CAE54915.1
CELE0002S00001423	6.18489	6.783438	1.514192	0.02370734	Y110A7A.17b	CE37056	WBGene00003132	locus:mat-1 status:Confirmed TR:Q8AW18 protein_id:AAAT81172.1
CELE0002S00001543	7.331018	7.919045	1.50319	0.01938982	C32E8.5	CE08529	WBGene00016323	status:Confirmed TR:P91125 protein_id:AAB42323.1
CELE0002S00001601	6.149685	7.018828	1.826324	0.0243072	F52B.9b	CE24993	WBGene00009921	serine/threonine kinase (2 domains) status:Partially_confirmed TR:Q20843 protein_id:CAA99854.2
CELE0002S00001610	7.84527	8.733287	1.726899	0.04438808	D2030.9b	CE23620	WBGene00008419	status:Confirmed TR:Q9U3K9 protein_id:CAB54209.1
CELE0002S00001611	9.889868	10.539805	1.5891	0.003573108	W05F2.2a	CE14614	WBGene00021034	status:Partially_confirmed TR:Q9TYT9 protein_id:AACT8213.1
CELE0002S00001620	6.800407	7.413763	1.528914	0.00867431	C08A5.8a	CE07955	WBGene00015505	status:Confirmed TR:O01481 protein_id:AAB52441.1
CELE0002S00001910	5.762808	6.352537	1.505173	0.04152037	W09C5.2	CE20165	WBGene00006793	locus:unc-59 Cell division protein status:Partially_confirmed TR:Q9U334 protein_id:CAB63326.1
CELE0002S00002048	6.545309	7.150858	1.521558	0.04297287	M04C9.2	CE12402	WBGene00010857	status:Predicted TR:P90931 protein_id:CAB08020.1
CELE0002S00002121	7.705621	8.632774	1.90152	0.002696369	C01G8.1	CE07801	WBGene00015312	status:Confirmed TR:P91011 protein_id:AAB37638.1
CELE0002S00002140	7.432144	8.396733	1.951507	0.02163732	H31Q24.4	CE23835	WBGene00000887	locus:cyb-2.2 cyclin status:Confirmed TR:Q9BLB5 protein_id:AAK21417.1
CELE0002S00002180	5.632128	6.386258	1.688614	0.02344113	F08B6.1	CE20655	WBGene00017239	status:Partially_confirmed TR:Q9TYST7 protein_id:AACT8235.1
CELE0002S00002184	7.620792	8.578311	1.941987	0.007570294	Y48G1A.2	CE26998	WBGene00021658	status:Confirmed TR:Q9N3Q6 protein_id:AAF60885.2
CELE0002S00002370	6.886163	7.677765	1.730996	0.005598008	T25G3.2.1	CE06511	WBGene00000496	chs-1 TR:Q22791
CELE0002S00002371	7.502182	8.338264	1.785195	0.007472803	T25G3.2.2	CE06511	WBGene00000496	chs-1 TR:Q22791
CELE0002S00002427	7.233081	7.931557	1.62279	0.008902787	F32H2.3	CE09878	WBGene00004953	locus:spd-2 status:Confirmed TR:P91870 protein_id:CAB04243.1
CELE0002S00002483	7.229743	7.877157	1.566358	0.012866	T23G11.3	CE14096	WBGene00001595	locus:gld-1 female germline-specific tumor suppressor status:Partially_confirmed SW:Q17339 protein_id:CAB03417.1
CELE0002S00002493	8.516239	9.334085	1.762748	0.00220081	T23G11.2.1	CE16458	WBGene00001647	gna-2 TR:O45811
CELE0002S00002495	6.689223	7.373618	1.608142	0.03474521	T23G11.2.2	CE16458	WBGene00001647	gna-2 TR:O45811
CELE0002S00002496	9.36027	10.159258	1.73988	0.004631842	F46A9.4	CE10578	WBGene00004808	locus:skr-2 cyclin A/Cdk2-associated protein P19 like status:Confirmed TR:Q93731 protein_id:CAB03108.1
CELE0002S00002608	7.510571	8.500056	1.985476	0.002318371	W02D3.11a	CE26020	WBGene00020936	status:Confirmed TR:Q9UB7 protein_id:AAK21490.1
CELE0002S00002625	6.379659	7.015796	1.554162	0.01749464	F56G4.2	CE18757	WBGene00003977	locus:pes-2 status:Partially_confirmed TR:Q27347 protein_id:CAB04484.1
CELE0002S00002628	6.510029	7.140822	1.548416	0.01486745	F56G4.3	CE18757	WBGene00010158	status:Partially_confirmed TR:Q27347 protein_id:CAB04485.1
CELE0002S00002654	7.817495	8.676866	1.814247	0.03108227	B0041.2b	CE29528	WBGene00015007	status:Partially_confirmed TR:Q95R18 protein_id:AAL11096.1
CELE0002S00002702	7.202771	7.992552	1.728812	0.001303501	D1081.7.2	CE05539	WBGene00008385	D1081.7 TR:Q18960
CELE0002S00002819	6.225999	7.134817	1.877507	0.00963984	Y18D10A.11	CE21407	WBGene00012481	status:Confirmed TR:Q9XW20 protein_id:CAA22314.1
CELE0002S00002823	8.605973	9.252771	1.585889	0.02643303	Y18D10A.17	CE21413	WBGene00012484	status:Confirmed TR:Q9XW17 protein_id:CAA22317.1
CELE0002S00002827	8.247899	8.855341	1.523555	0.03981673	Y39G10A.13	CE26991	WBGene00002047	locus:icp-1 status:Confirmed TR:Q9GSQ0 protein_id:AAK39618.1
CELE0002S00002900	7.277839	7.914326	1.554539	0.0108252	T02E1.3a	CE32481	WBGene00011376	TS11 protein like status:Partially_confirmed TR:O02289 protein_id:CAB04587.2
CELE0002S00002930	7.297325	8.101954	1.746697	0.00841213	F55C7.7f	CE36937	WBGene00006805	locus:unc-73 status:Confirmed TR:Q6BEW2 protein_id:AAAT88892.1
CELE0002S00003047	7.86213	8.516719	1.574167	0.002420995	T08B2.5d	CE13429	WBGene00020346	status:Confirmed TR:Q8MWN1 protein_id:AAM22070.1
CELE0002S00003101	5.488884	6.264313	1.711699	0.04412884	T22C1.4	CE06492	WBGene00011915	status:Partially_confirmed TR:Q22664 protein_id:CAA99922.1
CELE0002S00003154	6.132675	7.062705	1.905316	0.008598856	B0207.5	CE32093	WBGene00015028	status:Partially_confirmed TR:Q9N4B9 protein_id:AAK88667.2
CELE0002S00003165	5.335049	6.07367	1.66858	0.01842776	C32F10.5	CE08542	WBGene00001973	locus:hmg-3 single-strand recognition protein status:Partially_confirmed TR:O01883 protein_id:AACT24268.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00003178	6.509845	7.134417	1.542822	0.02667087	H27M09.4.1	CE25036	WBGene00001076	dpy-14 TR:Q8N5K5
CELE0002S00003262	9.373931	10.348707	1.955336	0.0000744	C25A1.15	CE08381	WBGene00007713	status:Predicted TR:Q9XVR9 protein_id:CAB02760.1
CELE0002S00003301	6.588917	7.372226	1.745099	0.006100247	C50F2.4	CE08910	WBGene00016838	status:Partially_confirmed TR:P91177 protein_id:AAB37796.1
CELE0002S00003471	6.002044	6.674181	1.593431	0.0472784	Y26D4A.5	CE21486	WBGene00012503	status:Partially_confirmed TR:Q9U2Q1 protein_id:CAB54343.1
CELE0002S00003498	7.679892	8.347061	1.587954	0.02595136	K05C4.6	CE19974	WBGene00001979	locus:hmp-2 Armadillo/beta-catenin-like repeats (4 domains) status:Confirmed TR:Q44328 protein_id:CAB04572.1
CELE0002S00003536	8.821133	9.456165	1.552972	0.01235047	W02D3.12	CE31079	WBGene00020937	status:Confirmed TR:Q8MQG6 protein_id:AAM48550.1
CELE0002S00003557	7.268074	8.007803	1.688705	0.009927737	C34B2.2.1			
CELE0002S00003564	5.31281	5.928184	1.531988	0.04815482	W09C3.3	CE36728	WBGene00021111	status:Partially_confirmed TR:P91530 protein_id:AAC24413.2
CELE0002S00003648	4.571848	5.210051	1.556389	0.02922293	T01D1.1	CE12940	WBGene00020147	status:Predicted TR:P91417 protein_id:AAB37885.1
CELE0002S00003876	5.507196	6.10733	1.515857	0.04997157	F43C11.7	CE23722	WBGene00016384	status:Confirmed TR:Q9U5C1 protein_id:AAF16817.1
CELE0002S00003903	7.226391	8.067874	1.791643	0.009627276	F43E2.8.1	CE07244	WBGene00002008	hsp-4 TR:P20163
CELE0002S00003905	4.769992	7.668618	1.861707	0.01770805	T02G5.11	CE37039	WBGene00020167	status:Partially_confirmed TR:Q22105 protein_id:AAA82402.2
CELE0002S00003926	7.085766	7.7937	1.656266	0.01373242	ZK546.14a	CE02914	WBGene00022765	status:Partially_confirmed SW:Q23525 protein_id:AAA68745.1
CELE0002S00004115	7.67394	8.27388	1.515443	0.005570039	F49E12.2	CE03379	WBGene00009898	locus:dod-23 status:Partially_confirmed TR:Q20615 protein_id:CAA91387.1
CELE0002S00004311	6.810413	7.650698	1.790404	0.005277237	C17G10.4b	CE08287	WBGene00000383	locus:cde-14 status:Confirmed SW:P91299 protein_id:AAB93459.1
CELE0002S00004353	5.539994	6.231752	1.615251	0.03578249	Y54G11A.12	CE38042	WBGene00005264	locus:srh-41 status:Predicted TR:Q9XVZ3 protein_id:CAA22460.2
CELE0002S00004484	6.384006	6.991272	1.544635	0.04014096	Y25C1A.8b.2			
CELE0002S00004626	7.517919	8.32286	1.746832	0.001404124	C18A3.5a	CE27708	WBGene00015943	RNA binding protein status:Confirmed TR:Q85QV8 protein_id:AAK88191.1
CELE0002S00004630	6.169897	6.841124	1.592427	0.0496685	C18A3.5e	CE32130	WBGene00015943	status:Confirmed TR:Q8IG50 protein_id:AAK83458.1
CELE0002S00004690	4.290441	4.997563	1.632544	0.006613123	T09A5.2c	CE36408	WBGene00002216	locus:kip-3 status:Partially_confirmed TR:Q7JMP4 protein_id:CAF31495.1
CELE0002S00004691	6.878718	7.808276	1.904692	0.001854495	T05B9.1	CE02310	WBGene00011464	status:Confirmed TR:Q22215 protein_id:CAA88962.1
CELE0002S00004719	5.405904	6.043551	1.55579	0.03660594	T24H10.3.2			
CELE0002S00004802	7.51846	8.39504	1.839018	0.03950274	K10B2.5	CE02012	WBGene00019808	locus:ani-2 status:Partially_confirmed TR:Q09994 protein_id:AAA68262.1
CELE0002S00005285	8.162132	8.898899	1.687593	0.00016972	EEED8.7b	CE27910	WBGene00004701	locus:rsp-4 status:Confirmed TR:Q85QN7 protein_id:AAK68298.1
CELE0002S00005287	9.835644	10.748718	1.883054	0.000190268	F59E12.4a	CE28572	WBGene00019120	status:Partially_confirmed TR:Q85QZ7 protein_id:AAK82897.1
CELE0002S00005289	8.894854	9.665357	1.705884	0.01137301	F59E12.4b	CE28573	WBGene00019120	status:Partially_confirmed TR:Q85QZ8 protein_id:AAK82898.1
CELE0002S00005417	6.859359	7.731876	1.830801	0.01273346	Y54G11A.3.1	CE22474	WBGene00013214	Y54G11A.3 TR:Q9XVZ6
CELE0002S00005483	6.080691	6.658731	1.513659	0.00939634	Y6D1A.2	CE21323	WBGene00012396	Zinc finger, C3HC4 type (RING finger) status:Partially_confirmed TR:Q8U1S9 protein_id:CAB860579.1
CELE0002S00005682	5.533136	6.26183	1.657138	0.01768867	Y49F6C.8	CE22272	WBGene00021730	status:Partially_confirmed TR:Q8TYJ3 protein_id:AAD12680.1
CELE0002S00005802	5.352206	6.22861	1.835794	0.01367991	Y52E8A.2	CE25390	WBGene00021795	status:Confirmed TR:Q9N3H8 protein_id:AAF59525.1
CELE0002S00005805	6.854568	7.748214	1.857865	0.0493692	B0286.1	CE30066	WBGene00015115	status:Partially_confirmed SW:Q10921 protein_id:AAA80693.3
CELE0002S00005889	6.559525	7.509211	1.931452	0.04877853	C01G6.3	CE37474	WBGene00007225	status:Partially_confirmed TR:Q17572 protein_id:CAA84634.2
CELE0002S00005956	7.21459	7.849702	1.563058	0.03821357	F54D5.5.2			
CELE0002S00005989	5.039163	5.638201	1.514706	0.02613308	F59H8.10	CE20916	WBGene00019140	status:Predicted TR:Q9N5P9 protein_id:AAF39858.1
CELE0002S00006052	5.046211	5.646268	1.515778	0.03986166	Y51H7C.8	CE22382	WBGene00021786	status:Predicted TR:Q9N3J5 protein_id:AAK39332.1
CELE0002S00006171	10.923708	11.643411	1.646843	0.001213044	T28D9.2a	CE36572	WBGene00004702	locus:rsp-5 splicing factor status:Confirmed SW:Q10021 protein_id:CAA68314.3
CELE0002S00006175	10.560394	11.156293	1.510387	0.000274784	T28D9.2c	CE28094	WBGene00004702	locus:rsp-5 status:Partially_confirmed SW:Q10021 protein_id:AAK68400.1
CELE0002S00006313	5.933981	6.879397	1.925744	0.007488485	F19B10.2	CE32630	WBGene00017584	status:Confirmed TR:Q02074 protein_id:AAB52923.3
CELE0002S00006371	6.380407	6.997757	1.534055	0.03365896	C01B12.8	CE07796	WBGene00015291	status:Partially_confirmed TR:Q17210 protein_id:AAB70980.1
CELE0002S00006411	6.734088	7.535631	1.742984	0.01623705	R08B9.2	CE16300	WBGene00011053	4hydroxyvitamin D3-induced protein status:Predicted TR:Q17984 protein_id:CAB05789.1
CELE0002S00006509	8.341287	9.291527	1.932194	0.007090793	F18A1.7	CE32628	WBGene00017548	status:Confirmed TR:Q19536 protein_id:AAB63403.2
CELE0002S00006585	7.691205	8.334928	1.582356	0.01991297	F14F11.1h	CE35858	WBGene00008819	status:Partially_confirmed TR:Q7JM92 protein_id:CAE48498.1
CELE0002S00006879	5.601318	6.426034	1.771188	0.01446625	C44B7.12	CE32327	WBGene00016632	status:Partially_confirmed TR:Q8IG39 protein_id:AAK83432.1
CELE0002S00006918	6.619371	7.399447	1.717221	0.003439486	Y46E12B1.3	CE27473	WBGene00021596	status:Confirmed TR:Q965N7 protein_id:AAK69490.1
CELE0002S00006922	6.660905	7.404714	1.674581	0.008275207	E04F6.12	CE01213	WBGene00017130	status:Predicted TR:Q19068 protein_id:AAA88368.1
CELE0002S00007094	7.023798	7.923733	1.865982	0.03246152	ZK1127.1	CE05121	WBGene00003784	locus:nos-2 status:Confirmed TR:Q23406 protein_id:AAB93424.1
CELE0002S00007195	5.028169	5.708567	1.602582	0.02707244	B0432.13	CE29945	WBGene00015194	status:Partially_confirmed TR:P90990 protein_id:AAB37893.2
CELE0002S00007235	7.174528	8.08552	1.854451	0.01444258	F44E5.4.2	CE18679	WBGene00009891	F44E5.4 TR:Q9XTL8
CELE0002S00007274	5.380115	5.980611	1.537404	0.0301971	F54C9.3.1			
CELE0002S00007326	6.632124	7.420114	1.726687	0.01009382	F59A8.2	CE01980	WBGene00019084	status:Partially_confirmed TR:Q21028 protein_id:AAK31522.1
CELE0002S00007351	5.770453	6.544437	1.709985	0.00480137	D2013.2	CE00928	WBGene00008402	beta-transducin status:Partially_confirmed SW:Q18964 protein_id:CAA87770.1
CELE0002S00007433	6.80994	7.495096	1.607876	0.002167381	C30G12.7	CE37486	WBGene00004244	locus:puF-8 status:Confirmed TR:Q09487 protein_id:AAC46676.3
CELE0002S00007469	7.089891	7.803266	1.639863	0.017926	F18A11.1	CE09451	WBGene00004242	locus:puF-8 Pumilio-family RNA binding domains (aka PUM-HD, Pumilio homology domain) (6 domains) status:Partially_confirmed TR:Q01322 protein_id:CAB04133.1
CELE0002S00007560	8.125617	8.885018	1.692788	0.0195235	Y110A2AR.1	CE24116	WBGene00022452	status:Partially_confirmed TR:Q9N468 protein_id:AAF60410.1
CELE0002S00007597	10.624324	11.451789	1.774564	0.000848844	R05H5.3	CE02290	WBGene00011038	thioredoxin status:Confirmed TR:Q21763 protein_id:CAA88726.1
CELE0002S00007805	6.328317	6.935842	1.523643	0.02001405	F52C6.2.4	CE32689	WBGene00018659	F52C6.2 TR:Q44621

SEQ_ID	control	Expose	FoldChange	pvalue	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00007620	7.439184	8.080586	1.538369	0.03610348	K01C8.3a	CE21011	WBGene00006562	locus:tdc-1 aromatic-L-amine-acid decarboxylase status:Partially_confirmed TR:Q21087 protein_id:CAA88862.1
CELE0002S00007759	5.115826	5.963702	1.799849	0.01055937	C17C3.12c.1	CE29178	WBGene00015894	C17C3.12 TR:Q65QW2
CELE0002S00007778	7.917725	8.535324	1.53432	0.000262064	W04H10.2	CE14602	WBGene00021031	status:Predicted TR:Q44851 protein_id:AAB95015.1
CELE0002S00007840	10.340072	11.054932	1.641324	0.004261674	F33H1.2	CE01568	WBGene00001686	locus:gdh-4 glyceraldehyde 3-phosphate dehydrogenase 4 status:Partially_confirmed SW:P17331 protein_id:CAA88897.1
CELE0002S00007937	8.885705	9.885328	1.999477	0.0147071	Y111B2A.13	CE26630	WBGene00013736	transcription initiation factor IIA gamma chain status:Confirmed SW:Q9NEX2 protein_id:QAC35842.1
CELE0002S00007960	5.915559	6.886926	1.960698	0.02491003	Y39A3CR.8	CE25262	WBGene00021447	status:Predicted TR:Q9N404 protein_id:AAF60530.1
CELE0002S00008168	7.479026	8.434203	1.938817	0.001893859	C08C3.4	CE00069	WBGene00015591	status:Partially_confirmed SW:P34325 protein_id:AAA27944.1
CELE0002S00008181	6.415077	7.053049	1.55814	0.04991797	H04D03.1	CE16165	WBGene00010362	status:Confirmed TR:Q45607 protein_id:CAA15658.1
CELE0002S00008250	9.387749	9.981934	1.50962	0.03833635	Y53G8A.2	CE25417	WBGene00021803	status:Predicted TR:Q9N3G6 protein_id:AAK29929.1
CELE0002S00008260	7.264884	7.985383	1.825067	0.04905413	C05D2.5	CE26863	WBGene00001514	locus:gsk-1 status:Partially_confirmed TR:Q45134 protein_id:AAC02722.2
CELE0002S00008281	7.360401	8.079316	1.645944	0.038343	Y42G9A.4c	CE37428	WBGene00021534	status:Confirmed TR:Q85XX8 protein_id:AAU20835.1
CELE0002S00008355	8.504874	9.239005	1.663395	0.04903305	C03C10.3.3	CE00874	WBGene00004392	mr-2 TR:P42170
CELE0002S00008603	6.778545	7.547639	1.704199	0.008540271	R05D3.12	CE31048	WBGene00019884	status:Confirmed TR:Q8M000 protein_id:AAM54163.1
CELE0002S00008643	7.114735	7.753164	1.556633	0.01275118	F31E3.3	CE01268	WBGene00004340	locus:rfc-4 Replication factor C status:Partially_confirmed SW:P53018 protein_id:AA81689.1
CELE0002S00008683	5.701464	6.576348	1.833861	0.008920827	ZK637.8f	CE30578	WBGene00006768	locus:unc-32 TJ6W/proton pump status:Confirmed SW:P30628 protein_id:CAD30453.1
CELE0002S00008716	8.548209	9.498837	1.930036	0.00100741	B0244.8	CE32094	WBGene00015083	LDL receptor status:Partially_confirmed TR:Q09967 protein_id:AA68376.2
CELE0002S00008822	6.410315	7.098697	1.611475	0.008254031	C14B1.2	CE00899	WBGene00007573	status:Partially_confirmed TR:Q17961 protein_id:CAA5485.1
CELE0002S00008830	5.860459	6.833724	1.963279	0.02175315	C14B1.9	CE00906	WBGene00007580	status:Partially_confirmed TR:Q17968 protein_id:CAA5480.1
CELE0002S00009153	10.578125	11.249375	1.592452	0.0120153	Y37D8A.19.1	CE20223	WBGene00012557	Y37D8A.19 TR:Q9XWU8
CELE0002S00009155	10.56099	11.260444	1.62389	0.000133098	Y37D8A.19.2	CE20223	WBGene00012557	Y37D8A.19 TR:Q9XWU9
CELE0002S00009265	5.200808	6.059227	1.813053	0.02103222	T16H12.11	CE35015	WBGene00011819	status:Partially_confirmed TR:Q7YUW3 protein_id:CAE17936.1
CELE0002S00009360	8.650456	9.424211	1.709714	0.006253323	C06E1.6	CE00061	WBGene00015521	status:Partially_confirmed SW:P34301 protein_id:AAA27937.1
CELE0002S00009416	6.908889	7.581056	1.593465	0.04824522	F45G2.7	CE18050	WBGene00009733	status:Partially_confirmed TR:Q62240 protein_id:CAB07616.1
CELE0002S00009445	9.967254	10.83461	1.824316	0.004362346	T05G5.10	CE37787	WBGene00002064	locus:iff-1 Initiation factor 5A status:Partially_confirmed SW:P34563 protein_id:CAA81597.2
CELE0002S00009505	8.238565	8.894854	1.578023	0.03290552	Y37D8A.13	CE20217	WBGene00006804	locus:unc-71 Disintegrin status:Confirmed TR:P60974 protein_id:CAA21545.1
CELE0002S00009538	5.17368	5.862055	1.611467	0.01748701	W05G11.6c.2			
CELE0002S00009580	7.661887	8.25334	1.508784	0.026339	F54D8.1	CE11066	WBGene00001076	locus:dpy-17 status:Confirmed TR:Q20778 protein_id:AAK84534.1
CELE0002S00009621	12.1739	12.851263	1.599214	0.000354196	F02A8.3.2	CE00134	WBGene00001386	far-2 TR:P34383
CELE0002S00009627	5.343236	5.958015	1.531323	0.04180182	ZK418.8	CE00810	WBGene00022737	possible RNA binding protein status:Confirmed TR:Q23486 protein_id:AA50892.1
CELE0002S00009819	7.309178	8.287586	1.97029	0.008012764	F58A4.2	CE01017	WBGene00010227	status:Partially_confirmed SW:P34460 protein_id:CAA80168.1
CELE0002S00009852	7.545809	8.482081	1.887232	0.03314868	F47D12.4b	CE28233	WBGene00001972	locus:hmg-1.2 status:Confirmed SW:Q09390 protein_id:AAK87237.1
CELE0002S00009864	6.399821	6.998092	1.513901	0.01796241	T04A8.8	CE01077	WBGene00011410	status:Partially_confirmed TR:Q22144 protein_id:CAA84734.1
CELE0002S00010003	6.683559	7.292337	1.524967	0.02288091	F47D12.9a	CE01952	WBGene00018564	status:Partially_confirmed SW:Q09392 protein_id:AAK20070.2
CELE0002S00010092	5.258865	6.020291	1.695165	0.02102971	F44E2.2c	CE00180	WBGene00018416	status:Partially_confirmed TR:Q87K0 protein_id:AAH84801.1
CELE0002S00010108	5.536297	6.52419	1.810929	0.01456462	K10D2.2	CE27429	WBGene00019828	status:Partially_confirmed TR:Q09408 protein_id:AAA82540.2
CELE0002S00010279	7.220883	7.911569	1.814051	0.007121575	Y55B1BR.3	CE24463	WBGene00021913	status:Partially_confirmed TR:Q95XW8 protein_id:AAK85503.1
CELE0002S00010316	6.507354	7.216133	1.83442	0.005668697	R01H2.3	CE00802	WBGene00019811	status:Partially_confirmed TR:Q21620 protein_id:AAA50645.1
CELE0002S00010387	7.23231	7.949679	1.844181	0.03894463	Y37D8A.11a	CE20215	WBGene00012551	status:Confirmed TR:Q9XWU0 protein_id:CAA21530.1
CELE0002S00010449	6.138735	6.919228	1.717718	0.03254303	M01F1.8a	CE33806	WBGene00010814	status:Confirmed TR:Q7YXB7 protein_id:CAD92392.1
CELE0002S00010520	7.137593	7.922834	1.735127	0.008458689	C48B4.6	CE00482	WBGene00008169	status:Predicted SW:P34360 protein_id:CAA82378.1
CELE0002S00010525	7.146384	7.924344	1.714705	0.01929805	C48B4.9	CE00485	WBGene00008172	status:Partially_confirmed SW:P34363 protein_id:CAA82381.1
CELE0002S00010563	5.952894	6.849657	1.861884	0.007526629	B0393.3	CE00856	WBGene00007168	Leucine Rich Repeat (2 copies) (2 domains) status:Partially_confirmed TR:Q17492 protein_id:CAA86056.1
CELE0002S00010604	8.133969	8.773867	1.558219	0.01829305	Y41C4A.18	CE32525	WBGene00012761	status:Confirmed TR:Q814D4 protein_id:CAD58608.1
CELE0002S00010821	5.242215	6.016802	1.7107	0.00708779	T27D1.1	CE03745	WBGene00000885	locus:cym-9 cyclophilin related protein status:Confirmed SW:Q09637 protein_id:CAA88291.1
CELE0002S00010843	5.691732	6.522051	1.778078	0.000941521	C48B4.11	CE00487	WBGene00008174	status:Partially_confirmed SW:P34365 protein_id:CAA82382.1
CELE0002S00010749	7.437622	8.412545	1.965536	0.004026653	C29E4.12	CE30619	WBGene00016209	status:Confirmed TR:Q8MNU8 protein_id:AAM22040.1
CELE0002S00010985	5.828255	6.682641	1.807989	0.01661784	ZK1128.3	CE01685	WBGene00014229	status:Partially_confirmed SW:Q09358 protein_id:CAA87422.1
CELE0002S00011124	4.508904	5.184754	1.597538	0.0259788	EGAP1.1	CE04322	WBGene00017146	status:Partially_confirmed TR:Q19073 protein_id:AAA82432.1
CELE0002S00011273	6.657925	7.455798	1.738536	0.004497826	Y39A1A.12.1	CE19131	WBGene00012650	Y39A1A.12 TR:Q9XX17
CELE0002S00011278	7.326648	8.216785	1.853352	0.02754239	Y39A1A.12.2	CE19131	WBGene00012650	Y39A1A.12 TR:Q9XX17
CELE0002S00011481	8.0192	8.808601	1.504622	0.003977797	R07H5.1	CE12550	WBGene00004199	locus:prx-14 status:Confirmed TR:Q93930 protein_id:CAB03225.1
CELE0002S00011484	6.858751	7.453664	1.510382	0.04246105	F38A5.13	CE10050	WBGene00001029	locus:dnj-11 DNA-binding protein status:Confirmed TR:Q94216 protein_id:AAB09157.1
CELE0002S00011504	6.465683	7.210529	1.675795	0.003322748	T28F3.3	CE36329	WBGene00012129	status:Partially_confirmed SW:Q9XUC4 protein_id:CAB05297.2
CELE0002S00011524	9.758058	10.355726	1.513269	0.01548445	F42A6.7b.2	CE31510	WBGene00001999	hnp-1 TR:Q95X69
CELE0002S00011615	8.589859	9.305128	1.64179	0.03098008	F35H10.5	CE04505	WBGene00016070	status:Partially_confirmed TR:Q20071 protein_id:AAA81661.1
CELE0002S00011709	5.63784	6.350469	1.838788	0.01455796	C31H1.8	CE27808	WBGene00016291	status:Partially_confirmed TR:Q18343 protein_id:AAA83612.2
CELE0002S00011831	7.972969	8.619695	1.585611	0.02299489	Y64G2A.36	CE34417	WBGene00021898	status:Partially_confirmed TR:Q72073 protein_id:AAP68916.1

SEQ_ID	control	Expos	FoldChange	pvalue	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00011847	8.925852	9.538036	1.528571	0.008398866	F49C12.9	CE10780	WBGene00009878	status:Confirmed TR:P90879 protein_id:CAA92520.1
CELE0002S00011857	7.328925	7.984657	1.575415	0.001370953	C35B1.4	CE16902	WBGene00016434	status:Partially_confirmed TR:Q45058 protein_id:AAC02560.1
CELE0002S00011938	5.41016	6.246161	1.785095	0.01830799	Y73B6BL.29	CE29004	WBGene00022250	status:Partially_confirmed TR:Q95X05 protein_id:AAK95894.1
CELE0002S00011992	6.054171	6.877774	1.78982	0.008182459	Y42H9B.3	CE25279	WBGene00021541	status:Partially_confirmed TR:Q9N3X7 protein_id:AAF60585.1
CELE0002S00012120	7.43146	8.37424	1.922229	0.0011345	ZK616.5	CE27558	WBGene00022775	status:Partially_confirmed TR:Q965Z2 protein_id:AAK8824.1
CELE0002S00012132	10.935542	11.545894	1.52842	0.00693707	ZC410.5a	CE15209	WBGene00013882	microfilarial antigen like status:Partially_confirmed TR:P91844 protein_id:CAA92570.1
CELE0002S00012461	5.229885	5.888585	1.578681	0.02574498	Y59H11AR.1	CE26556	WBGene00022009	status:Predicted TR:Q9N320 protein_id:AAF59623.1
CELE0002S00012530	5.992377	6.863404	1.828984	0.007661211	Y43C5A.6b	CE25285	WBGene00004297	locus:rad-51 status:Confirmed TR:Q44248 protein_id:CAE47473.1
CELE0002S00012552	10.980148	11.589824	1.5047	0.004505017	C44B12.5	CE16921	WBGene00016638	status:Partially_confirmed TR:Q44144 protein_id:AAB88328.1
CELE0002S00012593	5.275106	6.099088	1.770261	0.04202198	M199.5	CE33807	WBGene00000708	locus:col-135 collagen-like status:Partially_confirmed TR:Q86D04 protein_id:CAD89749.1
CELE0002S00012643	6.181592	6.770512	1.50412	0.02424716	T12A7.3	CE08435	WBGene00011724	testis-specific protein TPX1 like status:Predicted TR:Q22421 protein_id:CAA98140.1
CELE0002S00012723	6.344715	7.267127	1.895281	0.001654803	B0035.6	CE20443	WBGene00007109	status:Confirmed TR:Q17436 protein_id:CAA97420.1
CELE0002S00012725	7.858077	8.727999	1.827584	0.00278069	C32H11.6	CE19713	WBGene00007889	status:Predicted TR:Q9XUH5 protein_id:CAB05133.1
CELE0002S00012789	5.946821	6.667929	1.538058	0.02165007	F55Q1.8	CE07285	WBGene00004044	locus:plk-3 protein kinase status:Confirmed SW:Q20845 protein_id:AAB00642.1
CELE0002S00012792	4.551349	5.211151	1.579886	0.007823339	C33H5.6	CE04149	WBGene00016373	status:Partially_confirmed TR:Q18404 protein_id:AAA82265.1
CELE0002S00012818	6.877354	7.321142	1.582426	0.0327946	B0035.11	CE05168	WBGene00007110	Yeast LEO1 protein like status:Confirmed TR:Q17431 protein_id:CAA97409.1
CELE0002S00012835	4.895971	5.67288	1.713195	0.02209848	Y105G5B.12b	CE32229	WBGene00013652	status:Partially_confirmed TR:Q814F2 protein_id:CAB54357.1
CELE0002S00012914	7.315752	8.116756	1.742313	0.007535023	K07F5.3			
CELE0002S00012974	7.087535	8.031081	1.950097	0.005806033	F58B3.9	CE11362	WBGene00010234	Transferrin-like family status:Partially_confirmed TR:Q93809 protein_id:CAA92843.1
CELE0002S00012982	6.535234	7.306631	1.708922	0.009188578	ZK381.1	CE07625	WBGene00001882	locus:hjm-3 status:Confirmed TR:Q23472 protein_id:AAG00053.1
CELE0002S00012994	8.180738	9.141918	1.948904	0.00032257	F42A9.6	CE34859	WBGene00018335	status:Partially_confirmed TR:Q20314 protein_id:AAB03159.2
CELE0002S00013155	5.639876	6.359536	1.846794	0.03295243	Y51H4A.6	CE25370	WBGene00013102	status:Predicted TR:Q9U264 protein_id:CAB63381.1
CELE0002S00013330	6.047601	6.820097	1.708223	0.02811719	F20D12.4.1	CE04434	WBGene00017643	czw-1 TR:Q19642
CELE0002S00013338	4.95524	5.642947	1.610721	0.03143888	C49C3.11	CE19750	WBGene00008201	status:Partially_confirmed TR:Q9XUQ2 protein_id:CAB05156.1
CELE0002S00013353	5.945893	6.631	1.808044	0.03332148	T06A10.2	CE36809	WBGene00020285	status:Predicted TR:Q965G6 protein_id:AAK73892.3
CELE0002S00013360	8.982194	9.612145	1.547512	0.02556173	Y67D8C.7	CE22777	WBGene00022071	status:Partially_confirmed TR:Q9GUN5 protein_id:AAQ23373.1
CELE0002S00013490	5.137235	5.819539	1.6047	0.01456112	F52G2.1b	CE17847	WBGene00003582	locus:ndx-5 Bacterial mutT protein status:Partially_confirmed TR:Q82255 protein_id:CAB05204.1
CELE0002S00013513	8.061139	8.95338	1.850057	0.002517788	C09G9.6	CE03005	WBGene00003884	locus:coma-1 Zinc finger protein status:Partially_confirmed TR:Q17877 protein_id:CAA90988.1
CELE0002S00013605	4.886468	5.678236	1.755364	0.00235331	R102.9	CE34984	WBGene00011298	status:Predicted TR:Q7YVW3 protein_id:CAE17922.1
CELE0002S00013770	6.0394	6.663584	1.541339	0.009232889	B0513.2	CE23510	WBGene00007195	status:Confirmed TR:Q9U3S3 protein_id:CAB54184.1
CELE0002S00013774	8.416084	9.283673	1.824611	0.000805875	B0513.4	CE15560	WBGene00007198	status:Confirmed TR:Q45227 protein_id:CAB05118.1
CELE0002S00013785	6.34477	7.090798	1.677187	0.04976822	B0513.9	CE28428	WBGene00007200	status:Confirmed TR:Q95QZ1 protein_id:CAC70077.1
CELE0002S00013866	6.464258	7.072743	1.524059	0.01880867	C49A9.10	CE33588	WBGene00018764	status:Partially_confirmed TR:Q88GU7 protein_id:AAO61430.1
CELE0002S00013942	6.162706	6.803907	1.559627	0.03559078	F21D5.1	CE03244	WBGene00009006	phosphocetylglucosamine mutase status:Partially_confirmed TR:Q19680 protein_id:CAA91032.1
CELE0002S00013949	4.520758	5.253683	1.662005	0.02237887	F21D5.4	CE03247	WBGene00009009	DNA binding protein status:Partially_confirmed TR:Q19682 protein_id:CAA91034.1
CELE0002S00014014	7.786205	8.6523	1.822723	0.01027442	T07A9.6	CE26385	WBGene00008913	locus:daf-18 status:Confirmed TR:Q44405 protein_id:AAK39284.1
CELE0002S00014064	5.253021	5.908753	1.575415	0.03388826	C34H4.5	CE31438	WBGene00016427	status:Partially_confirmed TR:Q8MXH4 protein_id:AAM98045.1
CELE0002S00014102	7.437449	8.188616	1.680821	0.01674836	Y37E11AL.3b	CE33851	WBGene00021359	status:Partially_confirmed TR:Q86FM4 protein_id:AAP13780.1
CELE0002S00014192	5.971319	6.597783	1.543765	0.02258312	Y54Q2A.10b	CE33883	WBGene00021875	status:Confirmed TR:Q86FN9 protein_id:AAP13739.1
CELE0002S00014301	6.129812	6.910212	1.717607	0.01088789	F02H8.3a	CE17627	WBGene00008536	status:Confirmed TR:Q82132 protein_id:CAB05172.1
CELE0002S00014303	6.448232	7.299358	1.803908	0.000761508	F02H8.3b	CE27914	WBGene00008538	status:Confirmed TR:Q95ZW5 protein_id:CAC42281.1
CELE0002S00014433	9.670501	10.577603	1.875275	0.001042949	T13F2.8	CE13633	WBGene00000301	locus:cav-1 caveolin status:Confirmed SW:Q94051 protein_id:CAB03359.1
CELE0002S00014637	6.738417	7.604672	1.822925	0.02649029	Y62E10A.14	CE22704	WBGene00013380	status:Partially_confirmed TR:Q9U1X3 protein_id:CAB08001.1
CELE0002S00014638	6.420239	7.291707	1.829524	0.000491236	C08E7.1b	CE37186	WBGene00015538	status:Partially_confirmed TR:Q95QX7 protein_id:AAK68167.2
CELE0002S00014799	6.607482	9.564718	1.941611	0.000187736	F23B2.6	CE09588	WBGene00000121	locus:aly-2 vimentin like status:Confirmed TR:Q82183 protein_id:CAB05180.1
CELE0002S00014865	4.797088	5.555202	1.691278	0.02470599	T28H11.7	CE14380	WBGene00020905	status:Confirmed TR:Q23061 protein_id:AAB04603.1
CELE0002S00014928	7.43918	8.355151	1.888839	0.01401937	ZC168.4.3	CE08570	WBGene00000865	cjb-1 TR:Q10653
CELE0002S00014929	6.320515	7.292582	1.961649	0.02305973	ZC168.4.4	CE08570	WBGene00000865	cjb-1 TR:Q10653
CELE0002S00014932	7.805856	8.736212	1.905748	0.000700026	ZC168.4.5			
CELE0002S00014986	7.225132	7.964236	1.689139	0.004728109	F28D10.10.2			
CELE0002S00015084	5.838302	6.525196	1.609814	0.04861219	R13H9.6	CE07450	WBGene00020072	status:Partially_confirmed TR:Q66G1 protein_id:AAK85495.1
CELE0002S00015118	5.738888	6.336568	1.513283	0.02922994	F25H8.7	CE26700	WBGene00004974	locus:ape-29 spermatogenesis protein (spe-29) status:Partially_confirmed TR:Q81693 protein_id:CAC35823.1
CELE0002S00015123	6.532277	9.384955	1.80585	0.009383379	C08F11.11	CE17388	WBGene00007458	status:Confirmed TR:Q62053 protein_id:CAB05678.1
CELE0002S00015243	6.977456	7.625129	1.586639	0.03193768	Y41D4B.11	CE26095	WBGene00021514	status:Confirmed TR:Q95Y11 protein_id:AAK8461.1
CELE0002S00015268	6.944764	7.589021	1.541417	0.03193293	Y69A2AR.30b	CE30468	WBGene00003161	locus:mdf-2 status:Confirmed TR:Q8T870 protein_id:AAM15619.1
CELE0002S00015308	6.830817	7.559302	1.658898	0.03016205	Y73F8A.34	CE25598	WBGene00013538	status:Confirmed TR:Q9NA31 protein_id:CAB70234.1
CELE0002S00015387	6.845618	7.636703	1.987679	0.01898499	Y75B12B.1	CE20370	WBGene00013567	status:Partially_confirmed TR:Q9XWB8 protein_id:CAA21764.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_WormpopID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00015395	5.573033	6.461084	1.850849	0.01128439	R01B10.2	CE18089	WBGene00019804	status:Predicted TR:O61972 proteinId:AAC17766.1
CELE0002S00015584	6.184498	6.809302	1.563527	0.03953511	W07A8.2b	CE32002	WBGene00012319	Ark repeat (4 domains) status:Confirmed TR:Q80Q8 proteinId:CAD54186.1
CELE0002S00015637	5.630804	6.800153	1.957957	0.007691651	C33G8.2	CE08911	WBGene00016360	status:Predicted TR:Q18401 proteinId:AAC25848.1
CELE0002S00015713	4.628234	5.330595	1.627166	0.006501309	C38D9.8	CE24836	WBGene00008016	status:Partially_confirmed TR:Q0U3N3 proteinId:CAB83435.1
CELE0002S00015825	7.785657	8.586886	1.742585	0.03058111	C03A7.5	CE35215	WBGene00005929	locus:srx-38 7TM chemoreceptor, srx family status:Partially_confirmed TR:Q16498 proteinId:AAB66002.2
CELE0002S00016269	6.755022	7.824959	1.827583	0.03277845	F44A2.1a	CE04568	WBGene00006499	locus:tag-153 status:Confirmed TR:Q27420 proteinId:AAA83449.1
CELE0002S00016311	6.50059	7.087183	1.501675	0.03388484	F25G6.9	CE32879	WBGene00017800	status:Partially_confirmed TR:O16928 proteinId:AAC25802.2
CELE0002S00016585	4.819273	5.44729	1.545439	0.0245402	F54B8.5	CE16107	WBGene00000014	locus:sbf-3 status:Predicted TR:O45583 proteinId:CAB07627.1
CELE0002S00016703	6.858453	7.83375	1.986046	0.007146128	W06H3.1	CE36215	WBGene00012315	[031110 d] Modified prediction based on EST data, correct splice donor from exon 2 status:Partially_confirmed TR:Q9XXN2
CELE0002S00016753	6.888988	7.552438	1.583888	0.02668484	F52E1.3	CE04831	WBGene00018693	status:Predicted TR:Q20663 proteinId:AAB37039.1
CELE0002S00016790	7.924828	8.642193	1.644176	0.04947426	Y59A8A.3	CE26201	WBGene00013340	status:Confirmed TR:Q9GRZ9 proteinId:CAC14400.1
CELE0002S00017070	4.26752	4.868003	1.516224	0.01517777	B0507.7	CE07766	WBGene00015224	status:Predicted TR:Q22881 proteinId:AAB04817.1
CELE0002S00017116	6.17597	7.125781	1.93162	0.005720229	T01D3.5	CE12962	WBGene00011329	status:Confirmed TR:Q9XVJ5 proteinId:CAB03256.1
CELE0002S00017182	5.71011	6.357349	1.566188	0.00895315	T03D8.1c	CE30563	WBGene00003830	locus:num-1 Phosphotyrosine interaction domain (PTBY/PID). status:Confirmed SW:Q9XTY6 proteinId:CAD30449.1
CELE0002S00017232	5.707671	6.420553	1.639189	0.01346949	C04E6.3	CE36782	WBGene00015420	status:Predicted TR:O01472 proteinId:AAK39145.2
CELE0002S00017312	8.874501	9.47509	1.516336	0.00543747	B0348.6a.1	CE17331	WBGene00002061	ife-3 TR:O61955
CELE0002S00017313	9.12385	9.859316	1.665166	0.001959131	B0348.6a.2	CE17331	WBGene00002061	ife-3 TR:O61955
CELE0002S00017318	8.517005	9.277586	1.694173	0.008972316	T21C9.13	CE35821	WBGene00011898	status:Confirmed TR:Q22648 proteinId:CAA97340.2
CELE0002S00017387	5.764478	6.579861	1.759765	0.03021347	C27A7.6	CE08409	WBGene00007757	status:Partially_confirmed TR:O01932 proteinId:CAB02792.1
CELE0002S00017590	8.50898	9.189187	1.602347	0.01278681	C50B6.2	CE08871	WBGene00008218	histone binding protein status:Confirmed TR:O17687 proteinId:CAB02850.1
CELE0002S00017688	9.564992	10.202971	1.556148	0.003102071	C18Q1.5	CE17421	WBGene00001855	locus:hil-4 histone H1 status:Confirmed SW:O17536 proteinId:AAC17754.1
CELE0002S00017739	4.388917	5.240223	1.804133	0.01419147	Y32G9A.10	CE26753	WBGene00021307	status:Predicted TR:Q9BPM7 proteinId:AAG53698.1
CELE0002S00017780	5.65174	6.318045	1.587003	0.03832182	F14H3.7	CE19794	WBGene00008826	status:Predicted TR:Q9XU99 proteinId:CAB05491.1
CELE0002S00017781	5.047674	5.839953	1.731808	0.008139185	F14H3.8	CE15832	WBGene00008827	status:Predicted TR:O45368 proteinId:CAB05488.1
CELE0002S00017885	4.80647	5.436915	1.548042	0.02547402	F08E10.8	CE18576	WBGene00005330	locus:srh-111 status:Predicted TR:Q9XUN9 proteinId:CAA18505.1
CELE0002S00017883	6.75493	7.422872	1.588805	0.02432864	K07C11.10	CE35335	WBGene00019482	status:Partially_confirmed TR:Q21273 proteinId:AAA86182.2
CELE0002S00017901	6.58156	7.153729	1.507511	0.005773351	F53F4.3	CE10958	WBGene00009887	S.pombe hypothetical protein SPAC4G9.01 like status:Partially_confirmed SW:Q20728 proteinId:CAB01212.1
CELE0002S00018085	6.573456	7.195805	1.53938	0.02382776	C24G6.1	CE17456	WBGene00006376	locus:syp-2 status:Partially_confirmed TR:O76388 proteinId:AAC19209.1
CELE0002S00018135	6.98134	7.887158	1.899761	0.003437311	B055A.1	CE07773	WBGene00015254	status:Partially_confirmed TR:P91009 proteinId:AAB37617.1
CELE0002S00018137	6.928591	7.826112	1.865447	0.0168795	R04B5.11	CE31975	WBGene00011008	status:Partially_confirmed TR:Q21708 proteinId:CAA94847.2
CELE0002S00018163	7.004143	7.745357	1.671582	0.0330113	Y48H3A.3	CE22002	WBGene00002016	locus:hsp-16.2 heat shock protein status:Partially_confirmed SW:P06582 proteinId:AAF08015.1
CELE0002S00018225	6.149468	7.001712	1.805307	0.01826373	T23B12.7	CE14038	WBGene00001040	locus:dri-22 status:Partially_confirmed TR:O17002 proteinId:AAB89938.1
CELE0002S00018404	6.476167	7.153768	1.599478	0.04013589	C24B5.2a.2			
CELE0002S00018498	5.885462	6.536334	1.570117	0.0146438	K09H11.7	CE12060	WBGene00019804	nitrophenylphosphatase status:Predicted TR:O01591 proteinId:AAB52268.1
CELE0002S00018597	7.156815	8.00002	1.794031	0.00402109	F32D1.6	CE09870	WBGene00017985	status:Partially_confirmed TR:O16282 proteinId:AAB65349.1
CELE0002S00018603	6.12802	6.781083	1.572481	0.01396752	T05E12.2	CE16347	WBGene00011485	status:Predicted TR:O45752 proteinId:CAB04682.1
CELE0002S00018653	9.158114	10.057451	1.880788	0.000157327	T19H12.2.2	CE13754	WBGene00020588	T19H12.2 TR:O01815
CELE0002S00018674	8.845168	9.637005	1.731278	0.002683474	K07B1.8	CE28838	WBGene00019468	status:Confirmed TR:Q85R02 proteinId:AAK84539.1
CELE0002S00018793	10.476547	11.1577	1.603421	0.000192884	K12G11.3.1	CE12212	WBGene00010790	sodh-1 TR:Q17334
CELE0002S00018794	10.541476	11.314211	1.708506	0.00000803	K12G11.3.2	CE12212	WBGene00010790	sodh-1 TR:Q17334
CELE0002S00018795	10.081262	10.91093	1.777276	0.003506402	K12G11.3.3	CE12212	WBGene00010790	sodh-1 TR:Q17334
CELE0002S00018798	10.506077	11.229179	1.650728	0.000440882	K12G11.3.4			
CELE0002S00018889	6.741229	7.729899	1.984355	0.00663892	ZC302.2	CE08574	WBGene00013862	guanine nucleotide binding protein status:Partially_confirmed SW:Q23256 proteinId:CAA98293.1
CELE0002S00019137	5.572014	6.347443	1.711699	0.008494504	Y113G7B.18	CE23298	WBGene00007017	locus:mdt-17 status:Partially_confirmed TR:Q9NAL4 proteinId:CAB78740.1
CELE0002S00019257	5.634503	6.291325	1.576608	0.005769415	F58A4.4	CE20883	WBGene00018912	status:Predicted TR:Q7IX68 proteinId:AAF39842.1
CELE0002S00019262	9.88882	10.516338	1.547048	0.005015268	ZK287.5	CE08814	WBGene00004320	locus:rbx-1 Zinc finger, C3HC4 type (RING finger) status:Confirmed SW:Q23457 proteinId:CAA94801.1
CELE0002S00019309	8.431229	9.392495	1.947018	0.002436901	F31D4.3	CE15929	WBGene00001431	locus:rlb-6 FKBP-type peptidyl-prolyl cis-trans isomerases status:Confirmed TR:O45418 proteinId:CAB07371.1
CELE0002S00019357	5.459227	6.067484	1.524416	0.02200563	C50E3.13	CE08906	WBGene00016824	status:Partially_confirmed TR:Q22936 proteinId:AAB04891.1
CELE0002S00019364	5.923778	6.698756	1.711163	0.03437269	F28B1.4	CE15916	WBGene00009198	status:Predicted TR:O45414 proteinId:CAB04211.1
CELE0002S00019451	5.622369	6.234971	1.529014	0.04751075	F56A12.2	CE11224	WBGene00010143	status:Partially_confirmed TR:O45571 proteinId:CAB04482.1
CELE0002S00019671	4.978887	5.598332	1.534156	0.03314152	Y17D7B.1	CE16590	WBGene00012449	Zinc finger, C4 type (two domains) status:Partially_confirmed TR:O45910 proteinId:CAA16299.1
CELE0002S00019715	8.926757	9.517797	1.506332	0.001141465	W05B10.1	CE06544	WBGene00012276	Core histones H2A, H2B, H3 and H4 status:Confirmed TR:Q27532 proteinId:CAA98983.1
CELE0002S00019798	5.230521	5.820809	1.505547	0.04678665	K01D12.10	CE06046	WBGene00010469	status:Partially_confirmed TR:Q21082 proteinId:CAA9889.1
CELE0002S00019872	6.480767	7.209919	1.654221	0.04200758	Y32F6A.1	CE20203	WBGene00012527	status:Partially_confirmed TR:Q9XS2 proteinId:CAA16308.1
CELE0002S00020040	5.111185	5.839393	1.65658	0.02618443	F13A7.12	CE34804	WBGene00008727	status:Predicted TR:Q7YTN9 proteinId:CAE17791.1
CELE0002S00020083	5.010823	5.68151	1.591831	0.004079336	C14C6.9	CE36376	WBGene00005899	locus:srx-8 7TM chemoreceptor, srx family status:Predicted TR:O44673 proteinId:AAB94267.2
CELE0002S00020202	4.92572	5.752178	1.773326	0.01965435	C08C6.1	CE15595	WBGene00007379	7TM receptor status:Predicted TR:O18082 proteinId:CAB07687.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00020210	4.887852	5.477713	1.505102	0.0303407	C06C8.8	CE17372	WBGene00007382	status:Confirmed TR:O62035 protein_id:CAB07558.1
CELE0002S00020229	7.578861	8.18272	1.521885	0.01198307	R09A1.1	CE30106	WBGene00019971	status:Partially_confirmed TR:O61931 protein_id:AAC17775.2
CELE0002S00020379	4.685708	5.43351	1.702874	0.03463594	Y94A7B.1	CE34439	WBGene00005496	locus:arh-292 status:Predicted TR:Q9XB2 protein_id:CAA19583.2
CELE0002S00020426	8.990079	9.900559	1.879671	0.000228162	D105A.11	CE05529	WBGene00008378	status:Confirmed TR:Q18947 protein_id:CAA98438.1
CELE0002S00020481	9.501347	10.152516	1.57044	0.001647645	C14C11.7	CE06826	WBGene00015769	status:Partially_confirmed TR:Q17981 protein_id:AAA96109.1
CELE0002S00020523	5.141109	5.787521	1.543721	0.04568578	C15H11.6	CE36102	WBGene00003835	locus:mxr-2 status:Partially_confirmed SW:Q9XVS8 protein_id:CAB02733.2
CELE0002S00020558	6.850512	7.503512	1.572435	0.02802474	T08A1.3	CE18207	WBGene00020278	status:Predicted TR:Q61927 protein_id:AAC17773.1
CELE0002S00020570	5.93297	6.695495	1.699457	0.01158239	C18G1.4a	CE17420	WBGene00015983	status:Confirmed TR:Q61920 protein_id:AAC17755.1
CELE0002S00020571	6.690052	7.547398	1.811702	0.008274173	C18G1.4b	CE27717	WBGene00015983	status:Confirmed TR:Q985J2 protein_id:AAK68200.1
CELE0002S00020658	6.589049	7.468682	1.839882	0.01897063	R09B5.2	CE12620	WBGene00000555	locus:cnc-1 status:Predicted TR:O44615 protein_id:AAB94211.1
CELE0002S00020674	6.552443	7.288373	1.665471	0.02839327	C17E7.9b	CE27701	WBGene00015903	status:Partially_confirmed TR:Q985M8 protein_id:AAK68185.1
CELE0002S00020812	5.55892	6.302308	1.674103	0.04210442	Y75B7AL.2	CE26303	WBGene00022285	status:Partially_confirmed TR:Q985S7 protein_id:AAK68604.1
CELE0002S00020821	5.553795	6.428485	1.833614	0.01341084	Y39B6A.15	CE29857	WBGene00012677	status:Partially_confirmed TR:Q8MYP2 protein_id:CAD31813.1
CELE0002S00021209	11.94328	12.895551	1.934916	0.000133684	C42D8.2.2	CE06950	WBGene00008926	vit-2 TR:P05690
CELE0002S00021247	4.722127	5.41518	1.616701	0.02022244	K09E3.6	CE04744	WBGene00019577	status:Partially_confirmed TR:Q21396 protein_id:AAA82373.1
CELE0002S00021404	11.834989	12.256959	1.538975	0.004007991	F22H10.3.6			
CELE0002S00021548	7.806798	8.58046	1.688087	0.000609391	T04G9.7	CE30161	WBGene00020218	status:Partially_confirmed TR:Q9TXQ6 protein_id:AAD50511.2
CELE0002S00021758	11.574599	12.193529	1.535736	0.000336028	F22H10.3.11			
CELE0002S00021786	9.413929	10.02871	1.531326	0.004831846	Y73B3B.3	CE26596	WBGene00022225	status:Predicted TR:Q95XD9 protein_id:AAK39372.1
CELE0002S00021961	4.836453	5.623171	1.725145	0.03892491	Y13C8A.1	CE24172	WBGene00021188	status:Predicted TR:Q9N591 protein_id:AAF60433.1
CELE0002S00022310	6.862992	7.637073	1.7101	0.02484542	T05A10.1e	CE36399	WBGene00004862	locus:sma-9 status:Confirmed TR:Q7JM43 protein_id:CAF31492.1
CELE0002S00022747	6.671644	7.355336	1.608245	0.007627902	H13N06.8	CE31553	WBGene00006541	locus:tbh-1 Copper type II ascorbate-dependent monooxygenase status:Partially_confirmed TR:Q9XTQ8 protein_id:CAB17071.2
CELE0002S00022753	5.387249	6.137816	1.682454	0.01731084	C32A9.1	CE02152	WBGene00007861	status:Partially_confirmed TR:Q18349 protein_id:CAA89022.1
CELE0002S00022894	4.948543	5.718723	1.705483	0.009473612	F48F7.8	CE34869	WBGene00009853	status:Predicted TR:Q7YST9 protein_id:CAE17832.1
CELE0002S00022949	6.449674	7.114474	1.585348	0.02544831	F01G12.2a	CE04332	WBGene00006353	locus:sur-7 status:Partially_confirmed TR:Q19097 protein_id:AAA86214.1
CELE0002S00022985	5.076798	5.810745	1.663185	0.002524401	F16F9.3	CE09442	WBGene00017514	status:Partially_confirmed TR:Q94186 protein_id:AAB07892.1
CELE0002S00022993	4.859018	5.523254	1.584729	0.04908188	T27A8.2	CE03742	WBGene00012074	forkhead domain status:Partially_confirmed TR:Q22826 protein_id:CAA92222.1
CELE0002S00023175	8.047367	8.803867	1.689387	0.009034133	ZK470.4	CE05089	WBGene00022746	status:Predicted TR:Q23504 protein_id:AAA80394.1
CELE0002S00023275	9.48011	10.123311	1.561791	0.001028086	F20B4.7	CE09493	WBGene00017626	status:Partially_confirmed TR:Q45384 protein_id:AAC48148.1
CELE0002S00023385	10.327603	11.037582	1.635758	0.001612505	Y62H9A.5	CE31124	WBGene00013393	status:Confirmed TR:Q9XWS8 protein_id:CAA21569.2
CELE0002S00023388	9.251303	10.084957	1.782194	0.01642707	Y62H9A.6	CE19242	WBGene00013394	status:Confirmed TR:Q9XWT3 protein_id:CAA21562.1
CELE0002S00023468	6.871504	7.598554	1.655251	0.02934724	F44A6.3	CE03324	WBGene00009675	status:Predicted TR:Q20385 protein_id:CAA90723.1
CELE0002S00023566	8.850346	9.662107	1.755353	0.008808571	ZK813.1.1	CE33752	WBGene00022820	ZK813.1 TR:Q23606
CELE0002S00023670	5.636782	6.528088	1.854893	0.02968919	F47B7.5	CE02746	WBGene00018536	status:Partially_confirmed TR:Q20512 protein_id:AAA80369.1
CELE0002S00023952	8.546361	9.310675	1.698562	0.001411623	C25B8.4b	CE34259	WBGene00016088	status:Confirmed TR:Q7Z122 protein_id:AAP68953.1
CELE0002S00024132	6.582408	7.457226	1.833774	0.02820734	Y35H6.3	CE26762	WBGene00021342	status:Partially_confirmed TR:Q9BKT4 protein_id:AAK31560.1
CELE0002S00024206	10.756236	11.519236	1.697016	0.00000521	ZG373.2	CE02375	WBGene00013867	status:Partially_confirmed TR:Q23258 protein_id:CAA88974.1
CELE0002S00024314	5.37287	5.965445	1.507936	0.007410553	C48E1.2	CE32165	WBGene00001556	locus:goy-36 GUANYLATE CYCLASE SOLUBLE, BETA-2 CHAIN (EC 4.6.1.2) (76 KD CHAIN) status:Confirmed
CELE0002S00024639	4.452279	5.164956	1.639842	0.01861659	chrIII_13564781-13568281			
CELE0002S00024704	5.034072	5.810362	1.712721	0.0256081	chrIII_4050315-4051815			
CELE0002S00024738	5.04975	5.927183	1.837104	0.03908678	chrIII_8172646-8174146			
CELE0002S00024879	6.556601	7.416387	1.814769	0.004339897	chrIII_10574175-10575675			
CELE0002S00024910	6.384204	7.295711	1.881009	0.03505242	chrL_11021689-11023189			
CELE0002S00024921	4.702351	5.327478	1.542347	0.0301875	chrL_3034148-3035239			
CELE0002S00024966	7.840556	8.798684	1.944134	0.01158062	chrL_13478470-13479782			
CELE0002S00024978	7.356225	8.007355	1.570388	0.00513846	chrL_2830294-2831602			
CELE0002S00025181	7.121131	7.833891	1.638937	0.02926107	chrV_19371117-19372617			
CELE0002S00025336	5.097961	5.823964	1.65405	0.005255524	chrX_17080790-17082280			
CELE0002S00025392	6.436627	7.301138	1.820722	0.03074674	chrX_7397775-7399275			

1.5倍以上2.0倍未満(control増)

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00000335	10.205958	9.587394	1.524741	3.49E-03	F23C8.5.2	CE29774	WBGene00017734	F23C8.5 TR:Q9TXJ4
CELE0002S00000336	9.582777	8.926901	1.553881	8.81E-03	Y71F9AL.17	CE29138	WBGene00022119	coatamer, alpha chain status:Confirmed TR:Q9N4H7 protein_id:AAF36010.2
CELE0002S00000390	8.807188	8.078979	1.856579	4.33E-02	F55D12.6	CE17878	WBGene00010114	status:Partially_confirmed TR:Q62284 protein_id:CAA99883.1
CELE0002S00000522	7.955959	7.275728	1.802396	1.74E-03	W05B5.1	CE19005	WBGene00012274	status:Partially_confirmed TR:Q9XUK9 protein_id:CAB04917.1
CELE0002S00000843	8.409018	8.571306	1.787214	2.91E-03	Y48G1BL.6	CE25318	WBGene00021885	status:Predicted TR:Q9N3P7 protein_id:AAF60887.1
CELE0002S00000852	8.818846	8.845311	1.963646	1.78E-02	Y87G2A.2	CE28719	WBGene00013594	status:Partially_confirmed TR:Q9U1Q5 protein_id:CAB80427.2
CELE0002S00000860	7.791899	7.205387	1.501404	3.52E-02	Y87G2A.9	CE24688	WBGene00006709	locus:cbi-14 status:Confirmed TR:Q9U1Q1 protein_id:CAB80431.1
CELE0002S00000881	7.385579	6.708048	1.577381	5.16E-03	T01H8.2	CE13018	WBGene00011353	threonine dehydratase status:Partially_confirmed TR:Q93988 protein_id:CAB02298.1
CELE0002S00000885	8.47632	7.609222	1.82399	3.92E-02	C49A1.10	CE28542	WBGene00008191	status:Partially_confirmed TR:Q45310 protein_id:CAB05703.2
CELE0002S00000735	6.548908	5.818292	1.859347	4.44E-02	K06A5.8b	CE31355	WBGene00019434	status:Partially_confirmed TR:Q95X66 protein_id:AAM81098.1
CELE0002S00000925	8.128226	7.335893	1.731873	7.44E-03	B0041.8	CE34237	WBGene00015010	6-pyruvoyl tetrahydrobiopterin synthase status:Partially_confirmed SW:Q02058 protein_id:AAC24255.2
CELE0002S00000946	5.895579	5.274009	1.538549	2.78E-02	C43H8.1	CE19377	WBGene00016821	status:Confirmed TR:Q9TZN1 protein_id:AAC87396.1
CELE0002S00000954	9.148345	8.282081	1.848383	8.60E-05	Y34D9A.11.1			
CELE0002S00000955	9.121713	8.508141	1.532185	2.00E-03	Y34D9A.11.2			
CELE0002S00000959	7.617821	6.729103	1.85153	1.01E-03	F08B6.4c.2	CE36924	WBGene00008819	unc-87 TR:Q8EZG6
CELE0002S00001097	11.065729	10.250941	1.75904	1.35E-03	R12E2.14	CE18148	WBGene00020039	status:Partially_confirmed TR:Q61782 protein_id:AAC17035.1
CELE0002S00001099	11.200122	10.221514	1.970583	1.04E-04	R12E2.15	CE18147	WBGene00020040	status:Partially_confirmed TR:Q61781 protein_id:AAC17038.1
CELE0002S00001150	5.707687	4.828315	1.839574	2.44E-04	Y48G10A.8	CE35092	WBGene00013023	status:Predicted TR:Q7YWQ6 protein_id:CAE18001.1
CELE0002S00001153	8.995187	8.055526	1.918051	3.90E-02	C30F8.2	CE29684	WBGene00018258	locus:vha-16 vacuolar ATPase status:Confirmed TR:Q95YD5 protein_id:AAK85455.2
CELE0002S00001210	10.368882	9.585125	1.743223	3.98E-04	M01D7.5	CE12288	WBGene00003750	locus:nlp-12 status:Confirmed TR:Q01970 protein_id:AAB58086.1
CELE0002S00001232	9.244859	8.583625	1.581435	8.77E-04	R11A5.5	CE12730	WBGene00011233	status:Confirmed TR:Q45715 protein_id:CAB05595.1
CELE0002S00001247	8.174537	7.313537	1.818297	6.25E-03	B0379.1	CE20452	WBGene00007155	status:Confirmed TR:Q9XU45 protein_id:CAB05896.1
CELE0002S00001253	8.624164	5.905358	1.645819	1.08E-02	ZC334.10	CE38080	WBGene00002112	locus:ins-29 status:Predicted TR:Q7JKM8 protein_id:CAE53735.1
CELE0002S00001274	6.946078	6.338897	1.523491	2.72E-02	ZK524.2b	CE34623	WBGene00008752	locus:unc-13 UNC-13 protein status:Partially_confirmed SW:P27715 protein_id:CAA98148.3
CELE0002S00001300	9.973736	9.189932	1.721864	2.36E-02	K12C11.1	CE26819	WBGene00019673	status:Confirmed TR:Q44995 protein_id:AAK18972.1
CELE0002S00001349	8.038393	7.274772	1.897746	2.11E-02	C45E1.4	CE36633	WBGene00016883	status:Partially_confirmed TR:Q44962 protein_id:AAC24285.3
CELE0002S00001358	8.848947	7.863108	1.724095	1.61E-03	Y65B4BR.6b	CE33240	WBGene00001725	locus:grl-18 status:Partially_confirmed TR:Q98S85 protein_id:AAO21416.1
CELE0002S00001363	8.637369	5.8915	1.678984	3.03E-02	Y23H5A.1b	CE31095	WBGene00000801	locus:crs-2 status:Confirmed TR:Q8MPQ4 protein_id:AAM54171.1
CELE0002S00001682	9.817843	9.180839	1.578805	1.54E-03	F57B10.14	CE31352	WBGene00019007	status:Confirmed TR:Q8MX11 protein_id:AAM81098.1
CELE0002S00001676	8.098738	7.437475	1.581484	2.11E-03	C26C6.5a	CE08399	WBGene00000938	locus:dcp-86 status:Partially_confirmed TR:Q17910 protein_id:CAB07229.1
CELE0002S00001680	8.212507	7.582704	1.568954	1.99E-02	C09D4.4c	CE34256	WBGene00015635	status:Partially_confirmed TR:Q960A5 protein_id:AAP88957.1
CELE0002S00001695	6.203385	5.330939	1.830784	1.40E-02	F29C6.1	CE13912	WBGene00009243	status:Partially_confirmed TR:Q7YSU0 protein_id:CAE17965.1
CELE0002S00001714	8.812982	8.098782	1.640573	3.55E-02	F37F2.2	CE32185	WBGene00018159	status:Partially_confirmed SW:Q61749 protein_id:AAC16997.3
CELE0002S00001733	13.007921	12.198712	1.75225	8.88E-06	R08C1.4.1	CE18119	WBGene00011059	R08C1.4 TR:Q62337
CELE0002S00001734	12.777899	12.10439	1.594948	3.05E-04	R08C1.4.2	CE18119	WBGene00011059	R08C1.4 TR:Q62337
CELE0002S00001899	8.093281	7.237288	1.809979	4.39E-03	T10B11.1	CE18240	WBGene00020397	status:Partially_confirmed
CELE0002S00001956	9.033345	8.045966	1.98258	1.10E-02	Y37H9A.6	CE20230	WBGene00003581	locus:ndx-4 Bacterial mutT protein status:Confirmed SW:Q9U2M7 protein_id:CAE63351.1
CELE0002S00002082	9.861288	8.954234	1.87521	2.61E-04	T19B4.3	CE13740	WBGene00020557	adenine phosphoribosyltransferase status:Confirmed SW:P91455 protein_id:AAB37833.1
CELE0002S00002170	11.733481	11.101339	1.549884	1.23E-03	Y48G8AL.12	CE27271	WBGene00021690	status:Confirmed TR:Q9BL10 protein_id:AAK29800.1
CELE0002S00002202	7.713814	6.847593	1.822629	1.55E-02	Y63D3A.10	CE20332	WBGene00013409	status:Partially_confirmed TR:Q9XWQ4 protein_id:CAA21708.1
CELE0002S00002340	8.277672	7.587708	1.613243	3.78E-03	T06G6.12	CE34994	WBGene00011551	status:Predicted TR:Q7YVW1 protein_id:CAE17926.1
CELE0002S00002344	9.583106	8.815422	1.702534	6.68E-03	C01A2.2	CE07784	WBGene00007214	status:Partially_confirmed TR:Q9XVT7 protein_id:CAB02696.1
CELE0002S00002375	5.867733	5.050026	1.762602	3.95E-02	C55C2.1	CE16948	WBGene00018948	zinc-finger transcription factor status:Predicted TR:Q01830 protein_id:AAB54197.2
CELE0002S00002430	9.954559	9.233587	1.648292	2.04E-02	F32H2.5	CE09880	WBGene00009342	fatty acid synthase status:Partially_confirmed TR:P91871 protein_id:CAB04244.1
CELE0002S00002431	6.930942	6.31792	1.52946	6.14E-03	F32H2.6	CE09881	WBGene00009343	fatty acid synthase (N-terminus) status:Partially_confirmed TR:P91886 protein_id:CAB04239.1
CELE0002S00002439	7.945104	7.173031	1.707722	3.73E-02	F47B3.3	CE10820	WBGene00018527	status:Predicted TR:P83387 protein_id:AAB52358.1
CELE0002S00002558	8.533804	7.792807	1.671099	4.75E-03	F36H2.1b	CE34184	WBGene00009498	locus:tat-5 status:Partially_confirmed TR:Q7YSI2 protein_id:CAD92394.1
CELE0002S00002573	7.771982	8.874991	1.882178	1.13E-05	Y71F9B.13c.2	CE33244	WBGene00022131	Y71F9B.13 TR:Q8IAB0
CELE0002S00002578	8.429122	7.815218	1.530395	2.14E-04	T02E1.4	CE13052	WBGene00011377	dehydrogenase status:Partially_confirmed TR:Q02290 protein_id:CAB04990.1
CELE0002S00002620	7.243284	6.471836	1.707219	3.42E-02	C32E8.10e	CE23565	WBGene00008751	locus:unc-11 status:Confirmed TR:Q95Q75 protein_id:AAK86218.1
CELE0002S00002624	8.588539	7.788805	1.743195	2.90E-02	F39H2.1	CE30530	WBGene00009562	status:Confirmed TR:Q93702 protein_id:CAB03088.2
CELE0002S00002660	7.888275	6.897385	1.984857	9.90E-03	C48E7.1	CE08816	WBGene00016749	status:Confirmed TR:Q02082 protein_id:AAK21358.1
CELE0002S00002672	8.313398	7.820915	1.618063	4.32E-02	M01D7.7a.2			
CELE0002S00002726	5.85946	5.246648	1.529237	4.76E-02	F56C11.6a	CE17905	WBGene00018958	carboxylesterases status:Partially_confirmed TR:Q44977 protein_id:AAB97558.1
CELE0002S00002742	8.258804	7.614394	1.560934	1.01E-02	F40E3.3	CE10162	WBGene00018231	status:Predicted TR:Q01548 protein_id:AAC24294.1
CELE0002S00002761	6.43981	5.895097	1.675641	1.64E-02	F33D11.3	CE09893	WBGene00000631	locus:col-54 collagen status:Partially_confirmed TR:Q44774 protein_id:AAB98887.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpop_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00002767	9.280599	8.508188	1.710492	9.78E-04	W01B11.6a	CE26952	WBGene00020917	status:Confirmed TR:O45017 protein_id:AAK21479.1
CELE0002S00002849	8.041625	7.315564	1.654117	4.74E-03	K02F2.5	CE31353	WBGene00019324	status:Confirmed TR:O44983 protein_id:AAB97563.2
CELE0002S00002885	9.647086	8.903373	1.67448	4.20E-02	F27D4.1	CE24926	WBGene00009187	electron transfer flavoprotein alpha-subunit status:Confirmed SW:Q93615 protein_id:CAB61027.1
CELE0002S00003021	11.798605	10.991429	1.749783	6.01E-05	ZK1151.1a	CE35150	WBGene00006876	locus:vab-10 status:Confirmed TR:O18290 protein_id:CAD90186.2
CELE0002S00003022	8.52948	7.817343	1.638229	4.25E-02	ZK1151.1b	CE35151	WBGene00006876	locus:vab-10 status:Confirmed TR:Q7K7B6 protein_id:CAD90187.2
CELE0002S00003024	7.826736	7.090157	1.66622	4.71E-02	ZK1151.1c	CE35152	WBGene00006876	locus:vab-10 status:Partially_confirmed TR:Q867D9 protein_id:CAD90188.2
CELE0002S00003028	11.751766	10.882872	1.826262	1.35E-04	ZK1151.1e	CE36481	WBGene00006876	locus:vab-10 status:Partially_confirmed TR:Q6BEQ4 protein_id:CAH04741.1
CELE0002S00003108	8.798568	7.979965	1.763897	7.28E-04	T08B2.7b	CE26950	WBGene00020347	3-hydroxyacyl-CoA dehydrogenase status:Confirmed TR:Q9BIC3 protein_id:AAK21464.1
CELE0002S00003242	9.009774	8.41096	1.614471	1.33E-03	C55C2.5b	CE37759	WBGene00000006	locus:aat-5 status:Confirmed protein_id:AAV58875.1
CELE0002S00003244	9.112335	8.508445	1.521917	2.08E-04	ZK909.2a	CE15473	WBGene00002189	locus:kin-1 Protein kinase C terminal domain status:Confirmed SW:P21137 protein_id:CAB05034.1
CELE0002S00003308	6.471126	5.685417	1.723939	3.79E-02	F53B6.2a	CE36859	WBGene00009958	thrombospondin like status:Partially_confirmed TR:P90884 protein_id:CAB03121.3
CELE0002S00003345	6.817079	6.078434	1.670923	1.25E-02	C30H7.2.1	CE27807	WBGene00016278	C30H7.2 TR:O01492
CELE0002S00003408	7.977371	7.345745	1.54931	3.93E-04	Y47G6A.22	CE24368	WBGene00021647	status:Confirmed TR:Q8MXS8 protein_id:AAM43788.1
CELE0002S00003429	7.851571	6.895765	1.939663	3.00E-03	H16D19.1	CE13381	WBGene00010399	Lectin C-type domain short and long forms (2 domains), CUB domain status:Predicted TR:O02301 protein_id:CAA20940.1
CELE0002S00003462	10.378667	9.731647	1.56593	3.30E-03	F27C1.8	CE09720	WBGene00001067	locus:dpv-5 cuticular collagen status:Confirmed SW:P91285 protein_id:AAB37656.1
CELE0002S00003490	8.26216	7.674324	1.502991	4.40E-02	Y74C9A.5	CE24663	WBGene00022279	status:Partially_confirmed
CELE0002S00003509	9.471088	8.519077	1.934541	1.87E-06	R11A5.4b.1			
CELE0002S00003617	8.245389	5.659816	1.500843	2.05E-02	F56A6.2	CE23779	WBGene00002040	locus:hun-7 myosin status:Partially_confirmed TR:Q9GZG6 protein_id:AAF99977.1
CELE0002S00003660	9.141255	8.300378	1.791139	8.30E-03	F37B1.1	CE17789	WBGene00001772	locus:gst-24 glutathione S-transferase status:Partially_confirmed TR:Q93894 protein_id:CAB02295.1
CELE0002S00003701	5.497761	4.735479	1.696171	5.02E-03	T19D12.1	CE28677	WBGene00020576	A. faecalis PHB depolymerase; zinc finger protein 40 status:Partially_confirmed TR:Q22579 protein_id:AAC24428.2
CELE0002S00003718	9.28609	8.521558	1.698819	1.96E-03	T08D8.1a	CE21154	WBGene00011522	status:Partially_confirmed TR:Q22248 protein_id:CAA88964.1
CELE0002S00003719	8.269946	7.601603	1.589247	3.38E-03	F13H8.7.2	CE02641	WBGene00017440	F13H8.7 TR:Q19437
CELE0002S00003800	12.03846	11.369533	1.58989	3.20E-06	F58G1.4	CE17924	WBGene00010266	status:Partially_confirmed TR:O62277 protein_id:CAB04526.1
CELE0002S00003843	10.27338	9.442354	1.77895	1.76E-04	C32D5.8a.1	CE01848	WBGene00016316	C32D5.8 TR:Q09489
CELE0002S00003845	9.87306	8.941405	1.680543	4.64E-03	C32D5.8a.2	CE01848	WBGene00016316	C32D5.8 TR:Q09489
CELE0002S00003952	7.946955	7.26252	1.607072	8.73E-03	T24F1.7	CE35029	WBGene00011999	status:Predicted TR:Q7YWR6 protein_id:CAE17988.1
CELE0002S00003989	7.177643	6.543431	1.55209	3.36E-02	Y110A2AL.5	CE25193	WBGene00022442	status:Partially_confirmed TR:Q9MAD protein_id:AAF60403.1
CELE0002S00004013	6.080976	5.428104	1.572295	1.93E-02	EQAP2.3	CE04325	WBGene00004020	locus:pho-1 status:Partially_confirmed TR:Q19078 protein_id:AAA83593.1
CELE0002S00004090	8.427097	7.478069	1.930572	1.35E-02	ZC101.2a	CE15028	WBGene00006787	locus:unc-52 UNC-52 membrane proteoglycan status:Partially_confirmed SW:Q08561 protein_id:CAB07706.1
CELE0002S00004094	8.191093	7.228935	1.948222	2.57E-03	ZC101.2c	CE15034	WBGene00006787	locus:unc-52 UNC-52 membrane proteoglycan status:Partially_confirmed SW:Q08561 protein_id:CAB07707.1
CELE0002S00004096	10.075023	9.108128	1.957341	1.77E-02	ZC101.2f	CE37074	WBGene00006787	locus:unc-52 status:Partially_confirmed TR:Q8BEQ6 protein_id:CAH04744.1
CELE0002S00004107	9.249142	8.477812	1.706843	4.37E-03	K08F8.1a.2	CE03467	WBGene00010681	K08F8.1 TR:Q21380
CELE0002S00004109	9.700759	8.809042	1.855383	1.71E-02	K08F8.1a.3	CE03467	WBGene00010681	K08F8.1 TR:Q21380
CELE0002S00004112	8.877225	7.909463	1.955804	5.47E-03	F10C1.7c.1	CE27941	WBGene00002054	ifb-2 TR:Q19288
CELE0002S00004113	9.218436	8.604321	1.530619	1.14E-02	F10C1.7c.2	CE27941	WBGene00002054	ifb-2 TR:Q19288
CELE0002S00004182	8.512776	7.815066	1.621939	4.97E-02	ZK1320.13	CE37864	WBGene00044007	status:Predicted
CELE0002S00004208	6.47434	5.657012	1.762139	1.54E-02	K07E8.5	CE35992	WBGene00019496	status:Partially_confirmed TR:O16687 protein_id:AAB66150.2
CELE0002S00004223	8.082012	7.272601	1.752253	2.24E-03	AH8.3	CE01457	WBGene00007081	status:Partially_confirmed SW:Q09202 protein_id:CAA88077.1
CELE0002S00004248	8.358744	5.573315	1.723605	2.09E-02	F28C6.10	CE09747	WBGene00009209	status:Confirmed TR:Q93621 protein_id:CAA92678.1
CELE0002S00004279	7.067816	6.470135	1.513282	3.78E-02	F32A5.2a	CE28288	WBGene00017968	Peroxidase status:Partially_confirmed TR:Q95QH8 protein_id:AAK68356.1
CELE0002S00004336	10.215968	9.486139	1.65844	7.00E-04	F01D5.1	CE18559	WBGene00008492	status:Partially_confirmed TR:Q9XVB1 protein_id:CAB04039.1
CELE0002S00004339	9.038162	8.152417	1.847719	1.27E-02	F01D5.2	CE18560	WBGene00008493	status:Partially_confirmed TR:Q9XVB0 protein_id:CAB04040.1
CELE0002S00004343	9.724751	9.03258	1.615713	2.29E-03	F01D5.5	CE18582	WBGene00008495	status:Confirmed TR:Q9XVA9 protein_id:CAB04041.1
CELE0002S00004372	8.319715	5.635543	1.60678	4.43E-02	ZK1240.9	CE37174	WBGene00022873	status:Partially_confirmed TR:Q95X87 protein_id:AAL11110.2
CELE0002S00004476	9.258355	8.515126	1.673918	1.51E-02	Y110A2AL.8a	CE37163	WBGene00004210	locus:ptc-3 status:Partially_confirmed TR:Q6AW15 protein_id:AAT92058.1
CELE0002S00004477	9.695018	9.063875	1.549006	3.45E-03	Y54G11A.5a	CE22476	WBGene00000831	locus:ctl-1 Catelese status:Confirmed SW:Q27487 protein_id:CAA22451.1
CELE0002S00004478	9.252493	8.599574	1.572346	2.75E-03	Y110A2AL.8b	CE37164	WBGene00004210	locus:ptc-3 status:Partially_confirmed TR:Q6AW18 protein_id:AAT92059.1
CELE0002S00004479	8.753419	7.91203	1.791774	2.60E-02	Y54G11A.5b	CE22477	WBGene00000831	locus:ctl-2 Catelese status:Partially_confirmed SW:Q27487 protein_id:CAA22457.1
CELE0002S00004480	10.546866	9.611828	1.912208	5.54E-08	Y39G8B.9	CE21736	WBGene00012728	status:Predicted TR:Q7YXD7 protein_id:CAB54388.1
CELE0002S00004611	7.071953	6.433169	1.557016	1.40E-02	F54H5.4b	CE37379	WBGene00003480	locus:mua-1 status:Confirmed TR:Q65ZG6 protein_id:AAU20846.1
CELE0002S00004628	5.587715	4.868319	1.648493	1.80E-02	C18A3.5c	CE27710	WBGene00015943	status:Confirmed TR:Q95QV6 protein_id:AAK68193.1
CELE0002S00004668	6.656443	5.800644	1.688567	2.40E-02	Y9C2UA.1b	CE33006	WBGene00012421	status:Confirmed TR:Q8I0C5 protein_id:CAD59164.1
CELE0002S00004760	11.420065	10.771867	1.567209	1.41E-04	C01G6.1a.2	CE00863	WBGene00000170	asp-2 TR:Q17571
CELE0002S00004762	10.696377	9.998542	1.513444	3.15E-02	B0286.4b	CE29537	WBGene00003825	locus:ntf-2 status:Confirmed TR:Q95QZ4 protein_id:AAL11099.1
CELE0002S00004782	8.384915	5.557158	1.774824	4.89E-02	ZK1067.6.1			
CELE0002S00004824	8.418609	7.713278	1.630519	2.39E-03	ZK892.2	CE01725	WBGene00003773	locus:nit-1 lipid transfer protein status:Confirmed SW:Q23655 protein_id:CAA88588.1
CELE0002S00004889	8.168405	7.395211	1.708049	1.99E-02	R12C12.1a	CE02846	WBGene00020022	Glycine dehydrogenase status:Partially_confirmed TR:Q21962 protein_id:AAC46780.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00004891	9.55201	8.799309	1.884944	8.16E-03	R12C12.1b	CE33434	WBGene00020022	status:Partially_confirmed TR:Q86LS6 protein:jd:AAQ38610.1
CELE0002S00004923	7.407285	8.522051	1.847064	2.27E-02	Y48C3A.10	CE22143	WBGene00012992	status:Confirmed TR:Q8NAG2 protein:jd:CAB55109.1
CELE0002S00004935	10.7914	10.191131	1.515999	2.24E-02	R06F6.11	CE01617	WBGene00011072	status:Partially_confirmed SW:Q09418 protein:jd:CAA86781.1
CELE0002S00004938	5.579311	4.890033	1.612476	1.81E-02	B0304.6	CE34634	WBGene00005059	locus:ara-33 7TM chemoreceptor, ara family status:Predicted SW:Q10935 protein:jd:AAK31390.2
CELE0002S00004947	8.223149	7.414351	1.751751	1.00E-02	F56D3.1.1	CE29410	WBGene00018969	F56D3.1 TR:Q20877
CELE0002S00004950	7.960657	7.08725	1.831984	2.22E-02	F56D3.1.2	CE29410	WBGene00018969	F56D3.1 TR:Q20877
CELE0002S00005054	9.487954	8.879003	1.52515	1.94E-02	T09A5.7	CE01088	WBGene00011635	status:Confirmed SW:P45967 protein:jd:CAA85335.1
CELE0002S00005062	6.48348	5.877483	1.52203	3.30E-02	R12C12.9b	CE32059	WBGene00020029	status:Confirmed TR:Q8IFZ5 protein:jd:AAH60495.1
CELE0002S00005111	5.365028	4.698155	1.587828	4.86E-02	D2082.7	CE09094	WBGene00017059	status:Partially_confirmed TR:O16595 protein:jd:AAB66068.1
CELE0002S00005124	5.716627	5.096201	1.537329	1.23E-02	ZK1248.17	CE02901	WBGene00022884	major sperm protein status:Predicted TR:Q23428 protein:jd:AAC71098.1
CELE0002S00005158	6.433938	5.552717	1.841931	2.29E-02	Y57G7A.11	CE29893	WBGene00021974	status:Confirmed TR:Q85X26 protein:jd:AAL27258.1
CELE0002S00005196	8.406502	7.812255	1.509884	1.63E-02	T19D12.4a	CE17238	WBGene00020579	status:Partially_confirmed TR:O76836 protein:jd:AAC24428.1
CELE0002S00005363	5.438839	4.843449	1.510881	4.45E-02	F13H8.1b	CE37349	WBGene00017434	status:Partially_confirmed TR:Q85ZJ8 protein:jd:AAU20847.1
CELE0002S00005442	5.884753	5.191639	1.616769	6.92E-03	ZK622.3a.2	CE33504	WBGene00022781	ZK622.3 TR:Q23552
CELE0002S00005457	8.96446	8.233052	1.680259	1.05E-02	Y53C12B.7	CE35105	WBGene00013146	status:Predicted TR:Q7YWN8 protein:jd:CAE18037.1
CELE0002S00005480	6.564318	5.598806	1.955465	3.57E-03	F46C5.10	CE32891	WBGene00009785	status:Confirmed TR:Q81118 protein:jd:CAD59143.1
CELE0002S00005518	7.683157	6.914958	1.703145	8.46E-03	F56D12.1a	CE29047	WBGene00000112	locus:elh-6 aldehyde dehydrogenase status:Confirmed TR:O16648 protein:jd:AAB66116.3
CELE0002S00005529	8.410148	7.678395	1.660653	3.17E-02	Y39F10A.1	CE21725	WBGene00021452	status:Partially_confirmed TR:Q9TYP0 protein:jd:AAD12815.1
CELE0002S00005581	6.56449	5.769032	1.747701	2.46E-02	K10G6.1	CE12098	WBGene00003017	locus:lin-31 status:Partially_confirmed SW:P34883 protein:jd:AAB66068.1
CELE0002S00005645	5.79524	4.815796	1.971705	4.22E-02	F45D11.2	CE23737	WBGene00018448	status:Predicted TR:Q9N2L5 protein:jd:AAF39816.1
CELE0002S00005646	6.167125	5.31722	1.802382	4.83E-02	F45D11.3	CE23737	WBGene00018450	status:Predicted TR:Q9N2L5 protein:jd:AAF39817.1
CELE0002S00005669	5.698346	4.987881	1.634065	5.93E-03	Y54E2A.5	CE20304	WBGene00013190	status:Partially_confirmed TR:Q8XW9 protein:jd:CAA21678.1
CELE0002S00005781	6.84767	6.21079	1.554963	3.02E-02	F45H10.4	CE10548	WBGene00009741	status:Confirmed TR:Q2268 protein:jd:CAB04386.1
CELE0002S00005791	7.305808	6.559331	1.677889	1.24E-02	K01A2.4	CE35987	WBGene00019279	status:Partially_confirmed TR:Q7KNR1 protein:jd:AAR12970.1
CELE0002S00005828	9.484222	8.646088	1.787738	2.26E-03	F35C5.9	CE15650	WBGene00009397	Lectin C-type domain short and long forms, van Willebrand factor type A domain status:Partially_confirmed TR:Q45445 protein:jd:CAB03059.1
CELE0002S00005872	5.664359	5.224985	1.669451	4.92E-02	Y38F1A.5.2	CE21610	WBGene00000870	cyl-1 TR:Q9U2M5
CELE0002S00005893	7.00917	6.308051	1.828021	1.15E-02	C18E9.10	CE20520	WBGene00007690	status:Partially_confirmed TR:Q9XTH1 protein:jd:CAA92698.1
CELE0002S00005972	10.417891	9.553844	1.820389	1.82E-03	W09H1.6a	CE18576	WBGene00002264	locus:lec-1 Vertebrate galactoside-binding lectins (2 domains) status:Confirmed SW:P36573 protein:jd:CAB04869.1
CELE0002S00006021	6.407745	5.747764	1.580062	3.36E-02	R153.1c	CE32060	WBGene00002014	status:Confirmed TR:Q8IFZ3 protein:jd:AAH60496.1
CELE0002S00006081	8.273455	7.615641	1.57769	1.82E-03	T27D12.2a	CE27450	WBGene00000528	locus:colh-1 chloride channel protein status:Confirmed TR:Q22833 protein:jd:CAA93879.2
CELE0002S00006120	7.445504	6.592507	1.806249	5.67E-03	F27E5.1	CE01562	WBGene00009192	status:Partially_confirmed SW:Q09551 protein:jd:CAA88484.1
CELE0002S00006124	7.854441	6.859495	1.993006	1.31E-02	F27E5.4	CE30894	WBGene00004017	locus:phg-1 growth arrest protein extracellular domain status:Confirmed SW:Q09553 protein:jd:CAA88486.2
CELE0002S00006128	7.796479	7.155777	1.559088	3.77E-02	ZK1321.3	CE01710	WBGene00000178	locus:egg-10 status:Confirmed SW:Q09389 protein:jd:CAA88476.1
CELE0002S00006197	12.590876	11.877895	1.839417	2.17E-04	F54C9.1.1	CE02249	WBGene00002065	iff-2 TR:Q20751
CELE0002S00006198	12.700934	11.982048	1.845911	2.21E-02	F54C9.1.2	CE02249	WBGene00002065	iff-2 TR:Q20751
CELE0002S00006212	7.422872	6.768976	1.573411	3.97E-02	B0228.4c	CE37470	WBGene00015061	status:Partially_confirmed TR:Q5WRU1 protein:jd:AAU87832.1
CELE0002S00006246	10.15731	9.541545	1.53237	2.48E-06	T05A8.3	CE18199	WBGene00020229	status:Confirmed TR:Q44858 protein:jd:AAB95020.1
CELE0002S00006310	9.208284	8.805525	1.518597	2.56E-02	C27H5.3.2	CE27099	WBGene00016173	C27H5.3 TR:Q18265
CELE0002S00006341	7.033319	6.288498	1.675768	3.14E-02	F56D12.4	CE37024	WBGene00002176	locus:zjp-1 status:Partially_confirmed TR:O16643 protein:jd:AAB66117.4
CELE0002S00006363	6.199092	7.242921	1.940154	7.48E-03	C01B12.1	CE07789	WBGene00005017	locus:sgt-2 cuticular collagen status:Confirmed TR:O17209 protein:jd:AAB70974.1
CELE0002S00006392	10.196376	9.537715	1.578616	2.01E-04	ZK1290.3a	CE29156	WBGene00004398	locus:rol-8 Cuticular collagen 6, col-6 status:Confirmed SW:P18831 protein:jd:AAH85281.1
CELE0002S00006416	6.632286	5.91127	1.648342	4.48E-02	R05G9.2a	CE36000	WBGene00019904	status:Confirmed TR:Q966H2 protein:jd:AAK68392.2
CELE0002S00006427	9.163302	8.495132	1.589056	5.07E-03	Y53F4B.29	CE22416	WBGene00001774	locus:gst-26 glutathione S-transferase status:Confirmed TR:Q9NAB4 protein:jd:CAB61103.1
CELE0002S00006429	9.568737	8.84368	1.652968	1.24E-05	F33A8.2.1	CE32885	WBGene00003756	rip-18 TR:Q62211
CELE0002S00006437	9.533978	8.769738	1.698475	3.32E-03	Y53F4B.30	CE22417	WBGene00001775	locus:gst-27 glutathione S-transferase status:Confirmed TR:Q9NAB3 protein:jd:CAB61104.1
CELE0002S00006452	9.374704	8.63273	1.672463	1.79E-03	T26C5.1	CE03737	WBGene00001761	locus:gst-13 glutathione S-transferase status:Confirmed TR:Q22814 protein:jd:CAA90728.1
CELE0002S00006453	7.482831	6.639134	1.794643	2.17E-02	T26C5.4	CE03740	WBGene00012034	status:Predicted TR:Q22817 protein:jd:CAA90729.1
CELE0002S00006545	7.252853	6.608795	1.582719	3.75E-03	K08F8.1c.2	CE37258	WBGene00010681	K08F8.1 TR:Q85ZB6
CELE0002S00006557	7.268396	6.559543	1.634504	1.04E-02	ZK1321.2c	CE32771	WBGene00014261	status:Partially_confirmed TR:Q84B0 protein:jd:CAD57716.1
CELE0002S00006560	7.399204	6.497263	1.868578	7.02E-03	ZK1321.2d	CE32772	WBGene00014261	status:Partially_confirmed TR:Q84A9 protein:jd:CAD57717.1
CELE0002S00006629	9.25698	8.499285	1.690787	3.80E-02	B0491.2.1	CE02104	WBGene00005016	sgt-1 TR:P12114
CELE0002S00006658	5.4579	4.672118	1.724027	9.84E-03	C34F11.6	CE04166	WBGene00003442	locus:msp-49 major sperm protein status:Confirmed SW:Q18461 protein:jd:AAA85759.1
CELE0002S00006739	8.432205	8.707698	1.652336	2.59E-02	K08F8.1c	CE35895	WBGene00010681	status:Confirmed TR:Q7JM88 protein:jd:CAE48503.1
CELE0002S00006747	6.892251	5.855256	1.786326	1.22E-02	F35C11.6	CE02212	WBGene00009405	status:Partially_confirmed TR:Q20020 protein:jd:CAA80243.1
CELE0002S00006754	7.473937	8.848298	1.542894	1.30E-02	F41G3.1	CE01282	WBGene00018298	status:Confirmed TR:Q20295 protein:jd:AAA81113.1
CELE0002S00006777	10.824968	10.058685	1.700882	1.10E-03	F11G11.2	CE07055	WBGene00001755	locus:gst-7 glutathione S-transferase status:Confirmed SW:P91253 protein:jd:AAB37846.1
CELE0002S00006778	9.09844	8.215665	1.843919	9.73E-03	F11G11.3	CE32622	WBGene00001754	locus:gst-6 glutathione S-transferase status:Confirmed SW:P91252 protein:jd:AAB37845.2

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00006801	7.029891	6.34609	1.606366	4.25E-02	F44G4.3	CE02230	WBGene00009713	status:Partially_confirmed TR:Q20413 protein_id:CAA90119.1
CELE0002S00006802	6.913624	6.223258	1.613693	1.42E-02	B0495.10b	CE33266	WBGene00015209	status:Confirmed TR:Q86MP6 protein_id:AA060538.3
CELE0002S00006807	7.371168	6.732544	1.556844	1.40E-02	F44G4.8	CE03335	WBGene00009717	locus:dep-1 protein tyrosine phosphatase status:Partially_confirmed TR:Q20120 protein_id:CAA90125.1
CELE0002S000068935	10.577388	9.755849	1.76729	6.31E-08	F15D4.8	CE34815	WBGene00001459	locus:flp-16 status:Partially_confirmed TR:Q7YX32 protein_id:CAE17795.1
CELE0002S000068975	10.767382	9.983709	1.721508	7.51E-05	E04F6.9	CE01221	WBGene00017128	status:Confirmed TR:Q19064 protein_id:AAA68364.1
CELE0002S000068976	9.837611	9.018637	1.764151	7.66E-08	VW02B12L.1.1	CE18980	WBGene00008915	vha-6 TR:Q17660
CELE0002S000068978	10.222055	9.563744	1.578234	1.60E-04	VW02B12L.1.3	CE18980	WBGene00008915	vha-6 TR:Q17660
CELE0002S000068983	8.290447	7.68756	1.518753	4.49E-02	F57C2.5	CE16156	WBGene00010197	status:Confirmed TR:Q82265 protein_id:CAB05527.1
CELE0002S00007019	6.474807	5.700652	1.710188	2.41E-02	R09D1.14	CE25072	WBGene00011170	status:Predicted TR:Q9NAN7 protein_id:CAB76726.1
CELE0002S00007029	10.444954	9.780775	1.57372	1.93E-03	ZK892.1a.2			
CELE0002S00007069	7.166232	6.256181	1.879112	9.16E-03	C29H12.3c	CE02517	WBGene00004346	locus:rgs-3 status:Confirmed protein_id:AAV58892.1
CELE0002S00007157	8.599788	7.89159	1.63376	3.34E-02	ZK892.1b	CE18468	WBGene00002266	locus:lec-3 galactoside-binding lectin status:Confirmed TR:Q9524 protein_id:CAC42392.1
CELE0002S00007161	5.501399	4.849741	1.570973	4.44E-02	T04B8.1	CE36889	WBGene00020203	status:Predicted TR:Q44849 protein_id:AAB95007.2
CELE0002S00007190	5.318216	4.662846	1.57502	3.50E-02	ZK622.3d.6	CE33505	WBGene00022781	ZK622.3 TR:Q89NB3
CELE0002S00007209	7.785043	6.952696	1.78058	1.57E-04	C04G6.1b	CE32111	WBGene00003402	locus:mpk-2 status:Partially_confirmed TR:Q81Q56 protein_id:AA080533.1
CELE0002S00007255	11.989974	11.295844	1.595634	3.59E-04	M03A1.7	CE33427	WBGene00000928	locus:dao-2 status:Confirmed TR:Q88LS4 protein_id:AA038816.1
CELE0002S00007256	9.67898	8.758264	1.890275	1.86E-02	C18D1.3	CE01503	WBGene00001447	locus:flp-4 FMRFamide-like peptide status:Confirmed TR:Q09480 protein_id:CAA88434.1
CELE0002S00007260	12.021301	11.379821	1.559929	2.50E-03	F54D5.3	CE28033	WBGene00010049	status:Confirmed TR:Q20769 protein_id:CAA91330.2
CELE0002S00007261	9.889822	9.108044	1.719248	4.46E-03	F54D5.4	CE03409	WBGene00010050	status:Confirmed TR:Q20770 protein_id:CAA91331.1
CELE0002S00007299	10.90573	10.222927	1.605266	1.04E-04	F11G11.10	CE31783	WBGene00000606	locus:col-17 collagen status:Confirmed TR:P91248 protein_id:AAB37841.3
CELE0002S00007301	10.092301	9.130343	1.947952	2.58E-05	F11G11.12	CE09354	WBGene00000849	locus:col-73 collagen status:Confirmed TR:P91250 protein_id:AAB37843.1
CELE0002S00007341	10.40026	9.758219	1.580535	1.94E-03	K10H10.2	CE16252	WBGene00010759	beta-synthase status:Confirmed TR:Q45679 protein_id:CAB05778.1
CELE0002S00007360	8.48852	7.496115	1.986743	4.86E-03	D2013.7	CE00932	WBGene00001229	locus:eif-3.F MOV-34 protein status:Confirmed TR:Q18967 protein_id:CAA87773.1
CELE0002S00007415	7.165044	6.381269	1.72163	1.17E-02	F07A11.5	CE03147	WBGene00008548	ribokinese status:Partially_confirmed TR:Q19133 protein_id:CAA91318.1
CELE0002S00007460	5.561427	4.86464	1.620891	4.34E-02	W07A12.4	CE37853	WBGene00012322	serine/threonine kinase status:Partially_confirmed TR:Q9XVW2 protein_id:CAH10844.1
CELE0002S00007504	8.045292	5.397384	1.566894	3.31E-02	W09F4.1	CE14712	WBGene00021091	status:Predicted TR:Q02114 protein_id:AACT71168.1
CELE0002S00007534	8.125665	7.246903	1.839797	8.89E-03	C25H3.5	CE29185	WBGene00016114	status:Confirmed TR:Q18184 protein_id:AAK31451.2
CELE0002S00007541	9.162288	8.550771	1.527865	1.89E-02	F07E5.2			
CELE0002S00007568	7.939154	7.28238	1.598561	9.83E-03	F46F5.9	CE19425	WBGene00018500	status:Partially_confirmed TR:Q9TXV4 protein_id:AACT78161.1
CELE0002S00007570	11.012664	10.27813	1.66386	1.08E-04	C08E3.13	CE08904	WBGene00015605	status:Confirmed TR:Q18854 protein_id:AAB70971.1
CELE0002S00007655	9.759113	9.137025	1.539101	1.12E-04	T24B8.5	CE03713	WBGene00011979	status:Partially_confirmed TR:Q22714 protein_id:CAA92755.1
CELE0002S00007813	9.886352	9.142392	1.674767	1.83E-02	C34F11.3a	CE33034	WBGene00016415	AMP deaminase status:Confirmed TR:Q18463 protein_id:AAO21474.1
CELE0002S00007814	9.88793	8.975928	1.990133	1.28E-02	C34F11.3b	CE33035	WBGene00016415	status:Confirmed TR:Q95ZX5 protein_id:AAO21475.1
CELE0002S00007816	9.345452	8.628308	1.642785	1.54E-03	F58E1.1	CE11372	WBGene00019033	reverse transcriptase status:Predicted TR:Q9TZF8 protein_id:AACT7479.1
CELE0002S00007864	8.526538	5.554271	1.961921	2.93E-02	T14B4.7a.2	CE26000	WBGene00001072	dpy-10 TR:P35800
CELE0002S00007865	6.708043	6.053818	1.57377	1.99E-02	T14B4.7a.3			
CELE0002S00007872	7.750951	6.772111	1.97088	7.94E-03	R01H10.3c	CE30351	WBGene00000768	locus:cor-1 Coronin (beta transducin) status:Partially_confirmed TR:Q8T3D6 protein_id:CAD27605.1
CELE0002S00007877	12.155231	11.547036	1.524351	6.81E-06	T17H7.4g.2	CE31614	WBGene00001573	goi-16 TR:Q8MPW5
CELE0002S00007887	8.490892	7.832357	1.57826	2.32E-02	ZK353.6.1	CE00390	WBGene00002249	lep-1 TR:P34629
CELE0002S00007947	7.031633	6.200686	1.778853	2.61E-02	F35G12.7	CE32184	WBGene00009443	status:Confirmed TR:Q20051 protein_id:CAA86327.3
CELE0002S00007969	8.087987	7.457225	1.548383	1.20E-02	ZK688.3	CE00461	WBGene00022798	status:Confirmed SW:P34673 protein_id:AAA28230.1
CELE0002S00008088	7.819141	6.887263	1.907758	1.18E-02	H38K22.5c.2	CE28041	WBGene00001631	gly-6 TR:Q81394
CELE0002S00008098	6.55959	5.880309	1.839458	5.57E-03	Y39E4B.1	CE21713	WBGene00012714	status:Partially_confirmed TR:Q8U2K8 protein_id:CAB54424.1
CELE0002S00008157	8.1481	7.547886	1.515941	9.82E-03	ZK1236.5b	CE37596	WBGene00022864	status:Confirmed TR:Q829J8 protein_id:AAU87805.1
CELE0002S00008222	6.850054	6.25364	1.511954	1.90E-02	T10F2.1a	CE29472	WBGene0001744	locus:gra-1 Glycyl-tRNA synthetase status:Confirmed SW:Q10039 protein_id:AAK21485.2
CELE0002S00008235	8.720916	8.074229	1.565569	3.02E-02	C16A3.10c.1	CE37708	WBGene00015814	C16A3.10 TR:Q5TYL8
CELE0002S00008271	6.211599	5.498674	1.639124	1.42E-03	Y47D3B.7	CE19180	WBGene00004735	locus:abp-1 Helix-loop-helix DNA-binding domain status:Partially_confirmed TR:Q9XX00 protein_id:CAA21042.1
CELE0002S00008293	8.517828	7.736794	1.718362	3.41E-05	R07E5.13	CE00659	WBGene00011119	status:Partially_confirmed SW:Q21828 protein_id:CAA83622.1
CELE0002S00008299	9.92621	9.298415	1.545202	1.13E-02	K10F12.7	CE31039	WBGene00019639	status:Partially_confirmed TR:Q8IA73 protein_id:AAAT7425.1
CELE0002S00008314	9.36601	8.546397	1.784932	3.79E-03	K12H4.7b.2	CE32697	WBGene00019682	K12H4.7 TR:P34528
CELE0002S00008368	9.07282	8.218908	1.807395	1.32E-03	T12B5.10	CE20067	WBGene00020456	status:Partially_confirmed TR:Q9TZ26 protein_id:AACT6934.1
CELE0002S00008390	7.029944	6.235782	1.734094	3.79E-02	F54F2.2b	CE26933	WBGene00008975	locus:zfp-1 status:Partially_confirmed SW:P34449 protein_id:AAK26139.1
CELE0002S00008467	9.232988	8.564617	1.589277	6.12E-04	Y37D8A.6	CE20211	WBGene00012548	status:Partially_confirmed TR:Q9XWW3 protein_id:CAA21526.1
CELE0002S00008533	6.947182	6.012846	1.911011	4.96E-02	F44B9.1a.2			
CELE0002S00008566	8.98612	8.044135	1.92117	1.08E-03	C02D5.3	CE34520	WBGene00015337	status:Confirmed SW:P34277 protein_id:AAO12454.2
CELE0002S00008606	5.778266	5.011569	1.699013	3.06E-03	Y39E4B.12b	CE28119	WBGene00001630	locus:gly-5 status:Confirmed SW:Q95J11 protein_id:CAC42368.1
CELE0002S00008668	10.173882	9.464705	1.634871	1.41E-03	W05G11.6b.2	CE14634	WBGene00021043	W05G11.6 TR:Q8ITY2

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00008709	7.864281	7.26027	1.519938	3.78E-02	ZK652.5	CE00451	WBGene00000446	locus:ceh-23 distal-less homeotic protein status:Partially_confirmed SWP34863 protein id:AAA28218.1
CELE0002S00008724	7.291842	6.493274	1.739374	5.98E-03	R13A5.10	CE01371	WBGene000020052	status:Partially_confirmed TR:Q95Y87 protein id:AAK84461.1
CELE0002S00008730	6.803425	5.896641	1.874861	4.92E-02	F44B9.1b	CE30990	WBGene00001059	locus:dpf-6 status:Partially_confirmed SWP34422 protein id:AAM48528.1
CELE0002S00008756	8.749867	8.096378	1.57297	3.87E-03	R13A5.1a	CE30387	WBGene00000846	locus:cup-5 status:Confirmed TR:Q9BJ56 protein id:AAM15586.1
CELE0002S00008757	9.781277	9.075584	1.630928	2.35E-02	R13A5.1c	CE34585	WBGene00000846	locus:cup-5 status:Confirmed TR:Q8T877 protein id:AAP82642.1
CELE0002S00008787	8.722338	7.953262	1.704178	8.20E-03	ZK525.1.1			
CELE0002S00008789	9.009314	8.043838	1.952978	7.13E-04	ZK525.1.2			
CELE0002S00008812	10.441151	9.669852	1.706806	3.27E-04	T04C9.4b	CE31590	WBGene00003375	locus:mlp-1 status:Confirmed TR:Q9QP95 protein id:AAM97945.1
CELE0002S00008857	10.529737	9.882924	1.585708	3.78E-02	Y37D8A.15.1			
CELE0002S00008859	10.133182	9.487483	1.584497	1.15E-02	Y37D8A.15.2			
CELE0002S00008968	11.056537	10.408886	1.586815	1.24E-03	W05B2.1	CE20144	WBGene00000669	locus:col-94 status:Confirmed TR:Q9U349 protein id:CAB03475.1
CELE0002S00008975	8.838357	7.982096	1.81034	1.95E-02	W05B2.6	CE20148	WBGene00000667	locus:col-92 status:Confirmed TR:Q9XVQ3 protein id:CAB03474.1
CELE0002S00008985	6.33092	5.655956	1.596557	1.89E-02	M04D8.2	CE00577	WBGene00002105	locus:ina-22 status:Confirmed SW:Q21508 protein id:CAA83611.1
CELE0002S00009018	6.700008	5.709826	1.986436	4.45E-02	C05D10.2a.1			
CELE0002S00009028	11.084658	10.157524	1.901495	4.15E-05	T19C3.3	CE30183	WBGene000020561	status:Confirmed SW:Q10009 protein id:AAC48594.2
CELE0002S00009138	8.47543	7.828443	1.79874	1.84E-03	Y55D5A.1a	CE27294	WBGene00021915	status:Confirmed TR:Q968Z0 protein id:AAK39621.1
CELE0002S00009144	11.320837	10.618036	1.82992	9.98E-04	C13B9.1.3			
CELE0002S00009197	7.43434	6.510052	1.897747	1.89E-02	T21C12.3	CE26725	WBGene00011899	status:Confirmed SW:Q22634 protein id:CAA90318.2
CELE0002S00009259	8.325468	7.4956	1.777523	8.47E-04	F53A3.7	CE23764	WBGene00018723	status:Partially_confirmed TR:Q9TXQ4 protein id:AAF02170.1
CELE0002S00009282	6.655351	5.688639	1.838186	9.26E-03	D2045.8	CE00608	WBGene00008425	TNF-alpha induced Protein B12 status:Confirmed TR:Q18988 protein id:CAA84686.1
CELE0002S00009286	9.362081	8.534994	1.7741	3.01E-04	F31E3.2c	CE29301	WBGene00017950	status:Confirmed SW:Q8MYQ1 protein id:AAL02505.1
CELE0002S00009331	5.879975	5.08881	1.732872	4.89E-03	C36A4.2	CE37617	WBGene00007964	locus:cyp-25A2 cytochrome P450 status:Partially_confirmed TR:Q27478 protein id:CAA91287.2
CELE0002S00009340	6.685755	7.838572	1.798985	2.27E-05	H08D04.1a	CE29971	WBGene00019167	status:Confirmed TR:Q9N5N7 protein id:AAF39868.2
CELE0002S00009373	7.116976	6.451818	1.585742	2.58E-03	ZK843.6	CE28865	WBGene00014037	status:Predicted SWP30862 protein id:CAA77472.2
CELE0002S00009380	7.510546	6.613195	1.862643	3.17E-04	ZK512.4	CE00410	WBGene00013984	Signal Recognition Particle 9Kd protein status:Partially_confirmed SWP34842 protein id:CAA80148.1
CELE0002S00009389	6.621254	5.879817	1.559882	1.46E-02	ZK512.7	CE00413	WBGene00013988	status:Confirmed SWP34845 protein id:CAA80147.1
CELE0002S00009451	9.240185	8.468201	1.707616	5.23E-03	C29E4.8.1	CE29198	WBGene00016205	C29E4.8 TRP34346
CELE0002S00009463	9.553029	8.568248	1.979013	3.02E-03	T21C12.1f	CE28086	WBGene00008784	locus:unc-49 gamma-aminobutyric-acid receptor status:Confirmed TR:Q9Y0J2 protein id:CAC42350.1
CELE0002S00009469	6.83336	6.088419	1.676906	3.11E-03	H08D04.7	CE20935	WBGene00019171	status:Partially_confirmed TR:Q7Y2W2 protein id:AAP82649.1
CELE0002S00009480	8.473743	7.830909	1.561393	9.62E-03	K11H3.1b.1	CE31851	WBGene00010778	K11H3.1 TRP34517
CELE0002S00009518	11.553956	10.955273	1.514334	3.74E-08	Y119D3B.21.1			
CELE0002S00009567	11.928147	11.308197	1.536822	5.02E-03	T25C8.2	CE16463	WBGene00000087	locus:act-5 Actins status:Confirmed TR:Q45815 protein id:CAB05817.1
CELE0002S00009573	7.771374	7.171542	1.51554	1.48E-03	ZK837.2	CE32292	WBGene00014022	status:Confirmed SWP30629 protein id:CAA77449.2
CELE0002S00009761	5.938723	5.324905	1.530304	1.13E-02	F47D12.1a	CE32893	WBGene00001518	locus:gar-2 G-protein-linked acetylcholine receptor GAR-2 status:Confirmed TR:Q8I7J8 protein id:AAH84802.1
CELE0002S00009885	8.161668	7.350781	1.75429	4.85E-02	Y54F10AM.8.1	CE27290	WBGene00021852	Y54F10AM.8 TR:Q9BL07
CELE0002S00009887	8.668442	7.94971	1.843455	2.91E-03	Y54F10AM.8.2	CE27290	WBGene00021852	Y54F10AM.8 TR:Q9BL07
CELE0002S00009963	8.463246	7.746522	1.843446	3.47E-02	C24H11.6	CE36686	WBGene00007021	locus:mdt-21 status:Predicted TR:Q9XVD2 protein id:CAB03913.2
CELE0002S00010018	6.321107	5.361793	1.944385	3.95E-02	F55H2.1	CE25009	WBGene00004933	locus:sod-4 Superoxide dismutase status:Confirmed SWP34461 protein id:CAB81015.1
CELE0002S00010030	7.516338	6.667707	1.800791	2.50E-02	ZK512.11	CE35159	WBGene00013989	status:Predicted TR:Q7YTH1 protein id:CAE18052.1
CELE0002S00010031	6.606415	5.633484	1.962824	3.01E-02	K08E3.5d	CE29431	WBGene00010865	status:Confirmed TR:Q8WQE5 protein id:CAD18874.1
CELE0002S00010035	8.565797	7.940868	1.542135	2.46E-02	F55H2.6	CE00213	WBGene00000550	locus:clu-1 status:Confirmed SWP34466 protein id:CAA80143.1
CELE0002S00010079	7.230304	6.320111	1.879297	1.37E-02	H10E21.5	CE19490	WBGene00019185	zinc finger protein status:Partially_confirmed TR:Q78671 protein id:AAC26923.1
CELE0002S00010096	9.643672	8.811294	1.780818	2.08E-03	F42G9.2	CE01301	WBGene00000882	locus:cyn-8 status:Confirmed SWP52014 protein id:AAA91355.1
CELE0002S00010139	9.860852	9.2453	1.532144	6.74E-04	R10E4.9	CE03563	WBGene00011205	status:Partially_confirmed TR:Q21905 protein id:CAA90769.1
CELE0002S00010177	8.132222	7.143593	1.984298	1.76E-02	Y34F4.5	CE32243	WBGene00021340	status:Partially_confirmed TR:Q95XC2 protein id:AAK68024.2
CELE0002S00010194	6.601601	5.820884	1.97372	1.89E-03	C08C3.1c	CE34523	WBGene00001174	locus:egl-5 status:Confirmed TR:Q7Y2V2 protein id:AAP82680.1
CELE0002S00010286	5.724629	4.923888	1.741996	4.58E-02	ZC21.2	CE33009	WBGene00006614	locus:trp-1 Transient-receptor-potential (trp) protein status:Confirmed SWP34586 protein id:AAA28187.3
CELE0002S00010351	5.740773	5.065397	1.597013	9.51E-03	F17C8.1	CE00955	WBGene00000068	locus:acy-1 adenylylate cyclase status:Partially_confirmed TR:Q19523 protein id:CAA84795.1
CELE0002S00010382	6.999867	6.384012	1.532466	4.80E-02	C36E8.2	CE30888	WBGene00007981	status:Confirmed TR:Q82089 protein id:CAA84649.2
CELE0002S00010489	8.537951	7.826335	1.637637	1.28E-02	R74.1.2	CE18317	WBGene00003073	lrs-1 TR:Q09996
CELE0002S00010596	10.641519	9.778818	1.820962	3.45E-03	Y41C4A.13	CE20253	WBGene00012759	status:Confirmed TR:Q9XWU2 protein id:CAA21550.1
CELE0002S00010732	9.505302	8.740142	1.699558	2.23E-03	C44F1.3	CE02163	WBGene00002267	locus:lec-4 galactoside binding lectin status:Confirmed TR:Q18625 protein id:CAA8850.1
CELE0002S00010765	6.919973	6.314199	1.521795	1.71E-03	Y47D3A.21	CE22051	WBGene00012932	status:Partially_confirmed SW:Q9NAH4 protein id:CAB55081.1
CELE0002S00010797	5.591812	4.860207	1.660485	4.30E-02	C05B5.2	CE00878	WBGene00007320	status:Partially_confirmed SWP34290 protein id:CAA83592.1
CELE0002S00010918	8.3451	7.553865	1.730795	3.91E-02	R06B10.4b	CE36447	WBGene00006615	locus:trp-2 status:Partially_confirmed TR:Q8I6Y9 protein id:AAH85303.2
CELE0002S00010996	10.585107	9.894847	1.613574	7.29E-04	C23G10.2b	CE30613	WBGene00016011	status:Confirmed SW:Q10121 protein id:AAM22035.1
CELE0002S00011024	10.6152	9.852318	1.696877	6.87E-03	R10E4.2a.1	CE18908	WBGene00011189	R10E4.2 TR:Q7JMB8

SEQ_ID	control	Expos	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00011027	11.087924	10.293619	1.734242	4.83E-02	R10E4.2a.3	CE18908	WBGene00011199	R10E4.2 TR-Q7JMB8
CELE0002S00011042	10.288774	9.514809	1.709963	2.05E-02	F56C9.7	CE01326	WBGene00018951	status:Confirmed TR-Q20865 protein_id:AAK18962.1
CELE0002S00011054	8.526852	7.758492	1.703096	1.83E-04	C34C12.5.2	CE01513	WBGene00007924	C34C12.5 TR-Q09497
CELE0002S00011089	9.703144	8.852016	1.803911	9.01E-03	E03A3.8	CE02960	WBGene00008467	status:Partially_confirmed TR-Q19047 protein_id:CAA86233.1
CELE0002S00011079	11.232143	10.566547	1.586223	4.34E-04	F13B10.1a	CE35713	WBGene00006575	locus:tr-1 status:Partially_confirmed TR-Q7JMF4 protein_id:CAE47467.1
CELE0002S00011145	8.655219	8.027742	1.544861	2.31E-04	Y39A1A.20	CE34114	WBGene00012657	status:Partially_confirmed TR-Q9XX30 protein_id:CAA21010.2
CELE0002S00011183	5.495972	4.752776	1.67388	2.79E-02	F4E2.4.1			
CELE0002S00011184	8.029413	5.254547	1.711031	1.85E-02	F4E2.4.2			
CELE0002S00011254	10.795734	9.956273	1.789381	5.38E-04	H19M22.2b	CE26977	WBGene00002915	locus:let-805 status:Confirmed TR-Q9UB28 protein_id:AAK21413.1
CELE0002S00011257	8.957051	8.134543	1.768478	2.87E-02	F48E8.1b.1			
CELE0002S00011283	8.290319	7.644277	1.564869	1.35E-03	F42G9.9a	CE24987	WBGene00004212	locus:ptl-1 status:Confirmed TR-O02592 protein_id:AAK70645.1
CELE0002S00011288	12.383115	11.742235	1.55928	3.28E-03	T07C4.5.2	CE03639	WBGene00011561	T07C4.5 TR-Q22288
CELE0002S00011354	8.045442	7.192219	1.806532	5.41E-03	H09G03.2a.1			
CELE0002S00011380	8.999647	8.363138	1.554563	9.07E-03	T26C12.1	CE26009	WBGene00020831	acetoacetate synthase status:Confirmed TR-O61856 protein_id:AAK17553.2
CELE0002S00011385	6.452471	5.831445	1.537969	3.50E-02	T26C12.4	CE36614	WBGene00001548	locus:gcy-23 status:Partially_confirmed TR-O61859 protein_id:AAK17555.3
CELE0002S00011451	11.457541	10.846328	1.527545	7.84E-03	ZK809.8.4			
CELE0002S00011467	5.826773	5.129772	1.621131	7.30E-03	C02F4.3	CE07854	WBGene00007283	status:Partially_confirmed TR-P90741 protein_id:CAB02722.1
CELE0002S00011478	6.128928	5.202251	1.900893	1.07E-04	F38A5.10	CE10044	WBGene00018167	status:Predicted TR-Q94210 protein_id:AAB09152.1
CELE0002S00011568	10.478564	9.864328	1.530747	1.32E-05	Y67H2A.5.10			
CELE0002S00011569	11.530977	10.787001	1.674785	4.25E-03	F30B5.1	CE04462	WBGene00001074	locus:dpy-13 cuticular collagen status:Confirmed SW-P17657 protein_id:AAA83499.1
CELE0002S00011570	10.742238	10.114439	1.545206	2.40E-04	Y67H2A.5.11			
CELE0002S00011571	10.730496	10.083151	1.568283	1.05E-04	Y67H2A.5.12			
CELE0002S00011572	10.332153	9.695428	1.554796	1.68E-05	Y67H2A.5.13			
CELE0002S00011573	7.761338	7.040637	1.647983	1.97E-02	Y67H2A.5.14			
CELE0002S00011577	11.013656	10.23186	1.71927	1.96E-06	Y67H2A.5.16			
CELE0002S00011579	10.502443	9.879277	1.543458	1.08E-03	Y67H2A.5.17			
CELE0002S00011580	10.800308	10.053883	1.677631	3.82E-05	Y67H2A.5.18			
CELE0002S00011582	10.681528	10.041056	1.558839	1.47E-04	Y67H2A.5.19			
CELE0002S00011590	7.796198	6.859855	1.913671	9.93E-03	F37C4.4a	CE17047	WBGene00018144	status:Confirmed TR-O44399 protein_id:AAB95170.1
CELE0002S00011614	10.655341	9.850649	1.746773	5.31E-05	Y67H2A.5.20			
CELE0002S00011617	10.644037	9.954805	1.612425	7.34E-04	Y67H2A.5.21			
CELE0002S00011621	10.46376	9.790015	1.595208	7.58E-04	Y67H2A.5.22			
CELE0002S00011626	10.836971	10.088373	1.703613	2.76E-04	Y67H2A.5.24			
CELE0002S00011628	10.421249	9.777453	1.562435	1.43E-04	Y67H2A.5.25			
CELE0002S00011632	10.531209	9.795315	1.665429	9.69E-06	Y67H2A.5.27			
CELE0002S00011635	10.597375	9.791683	1.747984	8.48E-05	Y67H2A.5.28			
CELE0002S00011638	10.719817	10.007361	1.638591	1.89E-05	Y67H2A.5.29			
CELE0002S00011650	7.794148	7.031744	1.696313	5.17E-03	C39E9.8b	CE05391	WBGene00008032	status:Confirmed TR-Q7JLS6 protein_id:CAE54887.1
CELE0002S00011661	10.619722	9.914341	1.630575	1.04E-03	Y67H2A.5.30			
CELE0002S00011663	10.633006	9.857222	1.71212	4.35E-05	Y67H2A.5.31			
CELE0002S00011666	10.550408	9.940559	1.526099	3.07E-04	Y67H2A.5.33			
CELE0002S00011671	10.363582	9.630489	1.662199	7.44E-05	Y67H2A.5.35			
CELE0002S00011675	10.697271	9.93731	1.693445	1.45E-04	Y67H2A.5.36			
CELE0002S00011677	10.493766	9.685974	1.75053	1.95E-03	Y67H2A.5.37			
CELE0002S00011681	10.738368	10.106598	1.549465	1.94E-04	Y67H2A.5.39			
CELE0002S00011693	7.100285	6.296697	1.743019	1.26E-03	F07C6.3	CE05564	WBGene00008554	status:Predicted TR-Q19158 protein_id:CAA93484.1
CELE0002S00011713	10.413472	9.724117	1.612562	1.42E-04	Y67H2A.5.40			
CELE0002S00011730	9.0867	8.413544	1.594557	1.80E-03	C06G3.11b	CE33518	WBGene00006572	locus:tin-9.1 status:Confirmed TR-Q86B35 protein_id:AAO44913.1
CELE0002S00011766	9.057028	8.431788	1.542487	4.88E-03	LLC1.2	CE16261	WBGene00010793	status:Confirmed TR-O17954 protein_id:CAB05250.1
CELE0002S00011805	7.6752	7.050996	1.54136	4.11E-03	Y54G2A.4	CE31654	WBGene00021870	status:Partially_confirmed TR-Q9N3A9 protein_id:AAF59574.3
CELE0002S00011829	9.888294	9.029344	1.578933	3.91E-02	Y54G2A.33	CE30052	WBGene00021895	status:Confirmed TR-Q8WTL2 protein_id:AAL32255.1
CELE0002S00011883	6.38072	5.632397	1.679839	1.06E-02	F17E9.9	CE07075	WBGene00001908	locus:his-34 histone 2B status:Predicted SW-P04255 protein_id:AAG05103.1
CELE0002S00011898	8.088476	7.383323	1.653076	3.86E-03	C10C5.7	CE34678	WBGene00007511	status:Predicted TR-Q7YX82 protein_id:CAE17707.1
CELE0002S00011970	9.849566	9.224129	1.542678	5.54E-05	Y73B6BL.35	CE29929	WBGene00022254	status:Confirmed TR-Q8MXR0 protein_id:AAM44391.1
CELE0002S00011985	6.50831	5.819514	1.611938	1.51E-02	F15E8.7	CE33374	WBGene00005715	locus:svr-4 7TM chemoreceptor, svr family status:Partially_confirmed TR-O44492 protein_id:AAB92061.2
CELE0002S00011998	8.568442	7.925629	1.559208	3.33E-02	Y24D9A.1a	CE21464	WBGene00021281	status:Confirmed TR-Q9N554 protein_id:AAF60470.1
CELE0002S00012034	9.591688	8.996675	1.510486	4.13E-02	F56D6.2	CE31546	WBGene00018971	status:Confirmed TR-Q8ITX4 protein_id:AAK73861.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00012040	7.235636	6.626034	1.525838	1.42E-02	Y105C5B.9	CE24085	WBGene00013650	status:Partially_confirmed TRQ9NAM7 protein_id:CAB54355.1
CELE0002S00012184	8.139959	5.524595	1.531944	4.63E-03	K07F5.16	CE34920	WBGene00010640	status:Predicted TRQ7YWX3 protein_id:CAE17884.1
CELE0002S00012251	9.829295	8.782314	1.798733	2.12E-03	ZK180.5c	CE28179	WBGene00022679	status:Partially_confirmed TRQ8MPR8 protein_id:AAM97987.1
CELE0002S00012271	8.049226	7.376641	1.593926	1.08E-02	C09Q4.2d	CE32576	WBGene00015650	status:Confirmed TRQ8T7M6 protein_id:AAN84875.1
CELE0002S00012291	9.32139	8.71658	1.520778	5.05E-03	Y24D9A.8b	CE30402	WBGene00021286	status:Confirmed TRQ8T876 protein_id:AAM15813.1
CELE0002S00012349	8.489676	7.662894	1.773725	1.76E-02	F53B2.8	CE28030	WBGene00009957	status:Confirmed TRQ95QF1 protein_id:CAC42305.1
CELE0002S00012409	6.325353	5.85039	1.596556	2.76E-03	F56A11.1	CE31351	WBGene00001579	locus:gap-2 status:Confirmed TRQ44518 protein_id:AAB92078.6
CELE0002S00012524	8.182531	7.461511	1.648347	2.63E-02	ZK822.2	CE37867	WBGene00014090	status:Confirmed TRQ23614 protein_id:CAA98067.1
CELE0002S00012555	7.981436	7.199223	1.719767	3.74E-02	C44B12.7	CE18923	WBGene00018640	reverse transcriptase status:Predicted TRQ44147 protein_id:AAB88330.1
CELE0002S00012558	6.12981	5.364545	1.699682	4.89E-02	C44B12.8	CE36428	WBGene00005905	locus:srx-14 7TM chemoreceptor, srx family status:Predicted TRQ7KPX1 protein_id:AAS47882.1
CELE0002S00012732	9.995929	9.307037	1.612045	1.01E-02	B0350.2d.2	CE37695	WBGene00006780	unc-44 TRQ5TYL5
CELE0002S00012799	9.665848	8.710915	1.93849	1.27E-03	F52B11.3	CE18723	WBGene00009928	status:Confirmed TRQ9XUE5 protein_id:CAB05199.1
CELE0002S00012843	9.260055	8.284725	1.966091	1.09E-02	C32H11.12	CE19718	WBGene00007875	locus:dod-24 status:Partially_confirmed TRQ9XUH3 protein_id:CAB05138.1
CELE0002S00012897	11.311979	10.443811	1.825344	4.51E-03	F01D4.4.3	CE09156	WBGene00001189	egl-21 TRQ17754
CELE0002S00012899	10.279828	9.674006	1.521835	2.22E-03	F01D4.4.5	CE09156	WBGene00001189	egl-21 TRQ17754
CELE0002S00012903	10.947845	10.183118	1.699048	3.02E-03	F01D4.4.6	CE09156	WBGene00001189	egl-21 TRQ17754
CELE0002S00012906	10.351692	9.757547	1.509578	2.37E-03	F01D4.4.8			
CELE0002S00012930	9.484195	8.538476	1.926149	1.20E-02	ZK180.5b.2	CE31746	WBGene00022679	ZK180.5 TRQ8MPR7
CELE0002S00013001	8.67217	5.888573	1.721417	2.70E-02	C07G1.3a.1			
CELE0002S00013023	8.448928	7.796357	1.571967	8.95E-03	C48A7.1b	CE31165	WBGene00001187	locus:egl-19 status:Confirmed TRQ8MQA1 protein_id:AAM75372.1
CELE0002S00013053	7.983401	7.342866	1.558907	8.42E-03	H27C11.1.1			
CELE0002S00013054	7.738208	6.94883	1.728329	2.03E-03	H27C11.1.2			
CELE0002S00013055	8.008412	7.366328	1.560582	6.37E-03	H27C11.1.3			
CELE0002S00013119	7.411247	6.897988	1.639504	1.37E-02	F07C6.4b	CE35454	WBGene00008555	status:Partially_confirmed TRP90929 protein_id:CAB03204.2
CELE0002S00013135	7.417115	6.526911	1.853438	2.36E-02	F23B2.11.2	CE09591	WBGene00003958	pcp-3 TRQ02252
CELE0002S00013201	5.832885	5.229653	1.518905	1.21E-02	Y116A8C.3	CE23314	WBGene00013784	status:Predicted TRQ9NAL1 protein_id:CAB76734.1
CELE0002S00013205	7.941987	7.008196	1.910289	1.07E-02	Y116A8C.8	CE23317	WBGene00013787	status:Partially_confirmed TRQ9U2S9 protein_id:CAB55148.1
CELE0002S00013218	6.690301	5.64518	1.92535	1.18E-02	Y54G2A.17c.2	CE33887	WBGene00021882	Y54G2A.17 TRQ8FN7
CELE0002S00013229	8.365836	7.587862	1.714483	1.38E-03	R09H10.3	CE34083	WBGene00011181	transthyrotin like status:Confirmed SWQ21882 protein_id:CAB00872.2
CELE0002S00013238	8.61003	7.780486	1.777124	3.91E-03	Y38C1AA.9	CE25243	WBGene00021400	status:Partially_confirmed TRQ9N432 protein_id:AAF59483.1
CELE0002S00013335	9.120724	8.22689	1.858108	4.93E-03	K07F5.9.1			
CELE0002S00013385	10.717318	10.067621	1.568839	1.94E-04	F49E11.10	CE05906	WBGene00008895	testis-specific protein TPX-1 like status:Confirmed TRQ20803 protein_id:CAA94344.1
CELE0002S00013399	7.632122	6.823693	1.751303	7.23E-04	Y69A2AR.22	CE22799	WBGene00022083	status:Predicted TRQ95X8 protein_id:AAK88567.1
CELE0002S00013496	7.82144	7.011536	1.753095	2.54E-03	K08E7.2.3			
CELE0002S00013502	10.145826	9.319396	1.773292	1.33E-02	Y38F2AL.4.3			
CELE0002S00013507	9.981958	9.257904	1.851817	1.09E-02	Y38F2AL.4.6			
CELE0002S00013528	7.69309	6.695506	1.996654	3.12E-02	T04A11.3	CE13126	WBGene00011418	fibronectin status:Predicted TRQ18016 protein_id:CAB05606.1
CELE0002S00013591	7.704993	7.043519	1.581698	9.73E-03	R102.1	CE06329	WBGene00011288	status:Partially_confirmed TRQ21887 protein_id:CAA94355.1
CELE0002S00013597	7.429944	6.824856	1.521072	3.23E-02	C25Q4.11	CE28207	WBGene00007737	status:Partially_confirmed TRQ95ZY5 protein_id:CAC42260.1
CELE0002S00013638	10.444177	9.759082	1.60783	1.49E-02	Y94H6A.8	CE25630	WBGene00022380	status:Partially_confirmed
CELE0002S00013644	6.707668	5.991579	1.842723	2.41E-02	Y89A2AR.7c	CE33953	WBGene00022078	status:Confirmed TRQ86DD3 protein_id:AAP31422.1
CELE0002S00013678	7.879242	7.130659	1.680142	3.58E-02	AC7.2b.2	CE31275	WBGene00004929	soc-2 TRQ8MPP6
CELE0002S00013691	9.958118	9.172885	1.723371	6.61E-04	C28B2.3b.2			
CELE0002S00013786	8.608256	7.787351	1.768514	1.17E-02	Y4C6B.7	CE35097	WBGene00021161	status:Partially_confirmed TRQ7YZQ3 protein_id:AAP86614.1
CELE0002S00013832	8.886805	8.033992	1.806019	1.65E-02	C34D4.11	CE17505	WBGene00016403	status:Partially_confirmed TRQ18444 protein_id:AAB00696.1
CELE0002S00013860	7.389305	6.690186	1.823513	1.38E-02	F55G11.8	CE18754	WBGene00010128	status:Confirmed TRQ9XUD6 protein_id:CAB05220.1
CELE0002S00013895	9.69777	8.818042	1.840028	1.76E-03	C08F8.9	CE34670	WBGene00007449	status:Confirmed TRQ7YX96 protein_id:CAE17680.1
CELE0002S00013952	10.718076	9.928443	1.72824	1.60E-03	Y67H2A.5.1	CE28376	WBGene00013463	Y67H2A.5 TRQ95PZ1
CELE0002S00013955	10.39871	9.593839	1.74699	7.63E-04	Y67H2A.5.2	CE28376	WBGene00013463	Y67H2A.5 TRQ95PZ1
CELE0002S00013957	10.537087	9.887598	1.568612	2.16E-04	Y67H2A.5.3	CE28376	WBGene00013463	Y67H2A.5 TRQ95PZ1
CELE0002S00013959	9.721703	9.05794	1.584209	7.67E-05	Y67H2A.5.4			
CELE0002S00013962	10.281202	9.657803	1.540714	1.74E-05	Y67H2A.5.6			
CELE0002S00013973	8.98781	8.284065	1.628501	1.92E-02	F33D4.3	CE17033	WBGene00001466	locus:flp-13 status:Confirmed SWQ44185 protein_id:AAB88378.1
CELE0002S00013978	9.372472	8.46018	1.882033	5.49E-03	K07F5.15.1	CE29595	WBGene00010639	K07F5.15 TRQ8WQE6
CELE0002S00013981	9.753995	9.012372	1.672056	1.58E-05	K07F5.15.2	CE29595	WBGene00010639	K07F5.15 TRQ8WQE6
CELE0002S00014040	8.963008	8.209453	1.685942	2.08E-05	Y57G11C.24b	CE14974	WBGene00001330	locus:eps-8 epidermal growth factor receptor kinase substrate status:Partially_confirmed TRQ18248 protein_id:CAB18525.1
CELE0002S00014043	8.433779	7.44384	1.986101	1.68E-02	H08M01.2a	CE36175	WBGene00010374	GTPase-activator protein for Rho-like GTPases status:Partially_confirmed TRQ7JKA6 protein_id:CAE54901.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00014049	8.669526	7.934258	1.664709	1.79E-02	B035D.2c	CE06704	WBGene00006780	locus:unc-44 AC66 enkyrin status:Partially_confirmed TR-Q17486 protein_id:AAA93444.1
CELE0002S00014052	8.079451	7.29811	1.718728	2.64E-04	B035D.2e	CE31147	WBGene00006780	locus:unc-44 status:Partially_confirmed TR-Q8MQG0 protein_id:AAM75382.1
CELE0002S00014060	5.679971	5.026032	1.573458	2.14E-02	C34H4.2	CE31328	WBGene00016425	status:Confirmed TR-Q45143 protein_id:AAC04391.2
CELE0002S00014288	7.678328	7.084734	1.508911	4.10E-03	F18F11.1	CE17684	WBGene00017574	status:Confirmed TR-P91262 protein_id:AAB42284.1
CELE0002S00014470	7.444915	6.568511	1.835794	4.72E-02	F42C5.10.2			
CELE0002S00014502	10.057863	9.175922	1.842853	3.24E-02	T11B7.2	CE03648	WBGene00011707	status:Partially_confirmed TR-Q22388 protein_id:CAA90888.1
CELE0002S00014532	7.598028	6.974739	1.541451	4.10E-02	F20D12.6a	CE31687	WBGene00000442	locus:ceh-19 homeobox protein status:Confirmed SW:P26797 protein_id:AAA81678.4
CELE0002S00014565	6.585179	5.937949	1.586158	1.91E-02	Y66H1A.5	CE22756	WBGene00022047	status:Confirmed TR-Q9TYK0 protein_id:AAD12854.1
CELE0002S00014662	10.188619	9.526953	1.581908	3.52E-03	F11E6.5	CE19785	WBGene00001240	locus:elo-2 GNS1W/SUR4 family status:Confirmed TR-Q9XVQ9 protein_id:CAB02921.1
CELE0002S00014676	11.186465	10.26463	1.894523	6.08E-05	F01D4.4.10			
CELE0002S00014718	10.023014	9.418465	1.520503	5.41E-03	K08F4.9	CE06157	WBGene00000975	locus:dhs-12 alcohol dehydrogenase status:Confirmed TR-Q21359 protein_id:CAA93099.1
CELE0002S00014767	8.996225	8.307557	1.611795	2.68E-02	Y37E11AL.5	CE31636	WBGene00021361	status:Partially_confirmed TR-Q9N451 protein_id:AAF59450.3
CELE0002S00014806	7.940831	6.998719	1.921339	6.65E-03	C46A5.3	CE29723	WBGene00000603	locus:col-14 cuticular collagen status:Partially_confirmed SW:P18834 protein_id:AAB03143.2
CELE0002S00014810	9.764121	9.153881	1.528513	1.58E-03	W05E7.1	CE34103	WBGene00001692	locus:grd-3 status:Confirmed TR-Q9TYW7 protein_id:AAP40517.1
CELE0002S00014814	11.005742	10.270059	1.665186	1.16E-05	W05E7.3	CE34104	WBGene00001702	locus:grd-13 status:Confirmed TR-Q7Z2A9 protein_id:AAP40518.1
CELE0002S00014884	5.513839	4.784614	1.657748	1.18E-02	Y73F4A.3.1			
CELE0002S00014899	7.403276	6.644272	1.692322	1.17E-02	Y54Q2A.11b.1			
CELE0002S00014900	8.790525	8.202631	1.503051	7.79E-03	Y54Q2A.11b.2			
CELE0002S00014975	6.550798	5.661917	1.951739	2.91E-03	T01B11.2a	CE12894	WBGene000020139	aminotransferase status:Confirmed SW:P91408 protein_id:AAB37999.1
CELE0002S00015001	9.270324	8.390238	1.840485	7.05E-04	W09C2.3c.1			
CELE0002S00015009	8.79518	8.076899	1.645449	5.54E-04	Y55H10A.1	CE19628	WBGene00021952	cadherin status:Confirmed TR-Q9TYW1 protein_id:AAC69004.1
CELE0002S00015042	7.67288	7.080961	1.528291	1.82E-02	C08G9.1	CE31155	WBGene00015619	status:Confirmed TR-Q8MXJ0 protein_id:AAM75374.1
CELE0002S00015095	9.751606	8.079113	1.593825	2.41E-02	Y37E11AR.3c	CE31637	WBGene00021370	status:Confirmed TR-Q8MXT4 protein_id:AAM97964.1
CELE0002S00015118	9.648413	8.794584	1.807291	4.25E-04	Y69A2AR.3.2	CE27518	WBGene00022075	Y69A2AR.3 TR-Q85XG6
CELE0002S00015148	9.498063	8.721902	1.712568	1.70E-03	K11E8.1l	CE28061	WBGene00006779	locus:unc-43 Ca ²⁺ /calmodulin-dependent protein kinase status:Confirmed TR-Q9NH55 protein_id:CAC42367.1
CELE0002S00015168	11.223232	10.632338	1.50618	6.22E-04	Y24D9A.7	CE21456	WBGene00021285	status:Partially_confirmed TR-Q8N555 protein_id:AAF60462.1
CELE0002S00015171	7.936629	7.204059	1.661596	7.27E-04	ZK180.6	CE07624	WBGene00022880	status:Partially_confirmed TR-Q23447 protein_id:AAB52970.1
CELE0002S00015208	8.761592	7.823808	1.915849	4.89E-02	Y57G11C.24d.2	CE35200	WBGene00001330	ops-8 TR-Q7YT71
CELE0002S00015211	7.879431	7.223884	1.688272	1.97E-02	T23F6.3	CE30894	WBGene00011951	status:Confirmed TR-Q9XU69 protein_id:CAB05629.2
CELE0002S00015217	9.081373	8.258838	1.788511	4.11E-02	Y57G11C.24d.7	CE35200	WBGene00001330	ops-8 TR-Q7YT71
CELE0002S00015328	6.700833	5.970424	1.659109	1.20E-03	F13H10.4	CE05625	WBGene00008775	status:Partially_confirmed SW-Q19426 protein_id:CAA82954.1
CELE0002S00015332	10.183896	9.50044	1.605982	1.15E-03	F13H10.6	CE30343	WBGene00008777	status:Confirmed TR-Q8T3E3 protein_id:CAD27621.1
CELE0002S00015348	7.257323	6.367565	1.852885	9.62E-04	C01F6.5	CE02954	WBGene00000120	locus:aly-1 RNA recognition motif. (aka RRM, RBD, or RNP domain) status:Confirmed TR-Q17581 protein_id:CAA82438.1
CELE0002S00015363	8.990138	8.322023	1.588995	2.67E-02	F23B2.5b	CE32045	WBGene00001444	locus:flp-1 status:Confirmed protein_id:CAD56243.1
CELE0002S00015367	8.789464	7.858053	1.80714	9.58E-03	ZC477.9a	CE31396	WBGene00000942	locus:deb-1 status:Partially_confirmed SW:P18826 protein_id:AAM81104.1
CELE0002S00015425	6.903234	6.28122	1.539022	4.18E-02	Y69H2.3a	CE32543	WBGene00013481	status:Partially_confirmed TR-Q9U1T6 protein_id:CAB54472.2
CELE0002S00015439	8.020344	7.425701	1.510099	2.23E-03	K07C11.5	CE07348	WBGene00019478	metalloproteinase inhibitor status:Confirmed SW:Q21265 protein_id:AAA96174.1
CELE0002S00015469	8.617874	8.002751	1.531689	2.86E-02	C29F3.5	CE08439	WBGene00007806	status:Partially_confirmed TR-Q45272 protein_id:CAB02798.1
CELE0002S00015477	6.803364	6.03289	1.70583	2.94E-02	C37C3.8a.2	CE08933	WBGene00016500	C37C3.8 TR-Q22915
CELE0002S00015486	9.158393	8.436566	1.649269	1.60E-02	F36D4.5b.4	CE30778	WBGene00018090	F36D4.5 TR
CELE0002S00015489	10.869914	10.12356	1.677548	7.81E-04	K07B1.6b.2			
CELE0002S00015678	7.969058	7.008784	1.945679	6.65E-04	F59A7.5b	CE35327	WBGene00019092	status:Confirmed TR-Q7KQ44 protein_id:AAQ62449.1
CELE0002S00015690	12.889461	12.078208	1.757169	4.24E-04	F53F1.4	CE10938	WBGene00009982	cuticle status:Confirmed TR-Q9XVM6 protein_id:CAB03125.1
CELE0002S00015729	6.391252	5.752586	1.556889	3.63E-02	C12D8.8	CE05271	WBGene00000721	locus:col-148 collagen status:Partially_confirmed TR-Q17939 protein_id:CAA98236.1
CELE0002S00015829	7.852254	7.263128	1.504335	6.26E-03	C03A7.7	CE07865	WBGene00000029	locus:abu-6 status:Partially_confirmed TR-Q16501 protein_id:AAB65996.1
CELE0002S00015830	7.505943	6.782531	1.651082	8.27E-03	C03A7.8	CE07866	WBGene00000030	locus:abu-7 status:Partially_confirmed TR-Q16502 protein_id:AAB65995.1
CELE0002S00015874	9.703423	9.105138	1.513916	2.53E-04	F31F7.1a	CE35299	WBGene00017964	status:Confirmed TR-Q01546 protein_id:AAQ65201.1
CELE0002S00015896	7.211046	6.502934	1.633665	3.04E-03	H14N18.1a	CE17973	WBGene00006760	locus:unc-23 status:Partially_confirmed TR-Q81980 protein_id:AAC17781.1
CELE0002S00016098	7.948217	7.01902	1.904216	4.29E-03	T28F12.2c	CE31073	WBGene00006796	locus:unc-62 status:Partially_confirmed TR-Q8MXU7 protein_id:AAM48547.1
CELE0002S00016173	5.969307	5.295676	1.595082	8.99E-03	C37C3.13	CE32820	WBGene00016505	status:Confirmed TR-Q817H9 protein_id:AAN84848.1
CELE0002S00016215	9.03435	8.362924	1.592646	8.84E-03	Y43F8C.8	CE21906	WBGene00012830	status:Confirmed TR-Q8XWP0 protein_id:CAA21811.1
CELE0002S00016260	9.633742	8.885245	1.680042	5.38E-05	F52E1.7b	CE35323	WBGene00002021	locus:hsp-17 status:Confirmed TR-Q7JP52 protein_id:AAQ82453.1
CELE0002S00016390	8.951793	8.189419	1.69628	2.28E-03	C37C3.6a	CE17535	WBGene00016498	protease inhibitor status:Partially_confirmed TR-Q817I0 protein_id:AAC25887.1
CELE0002S00016443	5.917536	5.007767	1.878745	4.19E-03	ZK218.1	CE16701	WBGene00013935	status:Partially_confirmed TR-Q45998 protein_id:CAB04984.1
CELE0002S00016502	8.611348	7.948473	1.583235	3.92E-02	Y43F8C.13	CE21911	WBGene00012834	Inosine-uridine preferring nucleoside hydrolase status:Confirmed TR-Q9XWN7 protein_id:CAA21814.1
CELE0002S00016511	10.002142	9.304296	1.622081	1.56E-03	T08E4.10	CE06376	WBGene00011537	status:Partially_confirmed TR-Q22264 protein_id:CAA94796.1
CELE0002S00016801	6.804689	6.006732	1.738637	1.35E-02	R08F11.3	CE12584	WBGene00019967	locus:cyp-33C8 cytochrome P450 status:Partially_confirmed TR-Q02641 protein_id:AAB54246.1

SEQ_ID	control	Expos	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00016666	10.982368	10.369073	1.508866	2.20E-02	C50F4.5	CE05470	WBGene00001915	locus:his-41 histone H2B status:Confirmed SW:Q27484 protein_id:CAA94740.1
CELE0002S00016668	10.113257	9.340625	1.708384	1.64E-04	C50F4.7	CE03252	WBGene00001911	locus:his-37 histone H4 status:Confirmed SWP62784 protein_id:CAA94742.1
CELE0002S00016671	5.4782	4.753409	1.650372	2.44E-02	R08E5.1	CE27431	WBGene00019861	status:Partially_confirmed TR:O01594 protein_id:AAB52275.2
CELE0002S00016702	7.173513	6.575279	1.513862	1.98E-02	T04F3.4	CE28952	WBGene00011439	EF hand domains status:Partially_confirmed TR:Q22159 protein_id:CAA96671.2
CELE0002S00016710	9.230401	8.501151	1.657777	1.58E-02	F40F9.6b.1	CE23714	WBGene00009583	F40F9.6 TR:Q9U3F8
CELE0002S00016728	5.763435	5.145676	1.53449	3.90E-02	Y19D10B.3	CE25228	WBGene00021232	status:Predicted TR:Q9N570 protein_id:AAF59428.1
CELE0002S00016762	7.008048	6.227973	1.71722	4.88E-03	C13G3.1	CE05277	WBGene00007553	status:Partially_confirmed TR:Q17947 protein_id:CAA98421.1
CELE0002S00016769	7.115745	6.24965	1.822723	4.98E-02	F32H5.1	CE09885	WBGene00009347	cathpsin B like cysteine protease status:Confirmed TR:P91991 protein_id:CAB04249.1
CELE0002S00016845	9.089771	8.439333	1.569845	5.41E-05	K08C4.3	CE04501	WBGene00001895	locus:his-21 histone H2A status:Predicted SW:P9588 protein_id:AAF98222.1
CELE0002S00016878	5.93449	5.006397	1.902759	1.15E-02	C25E10.9a	CE08871	WBGene00023417	locus:ial-2 status:Confirmed TR:Q18158 protein_id:AAA92314.1
CELE0002S00016898	10.100042	9.407084	1.616617	2.89E-02	T18H9.2b	CE33321	WBGene00000215	locus:asp-2 status:Confirmed TR:Q86NE0 protein_id:AAO25990.1
CELE0002S00016934	7.886174	7.040317	1.797332	1.08E-03	F40A3.2	CE10144	WBGene00018217	status:Confirmed TR:O18265 protein_id:AAB65320.1
CELE0002S00016938	8.235835	7.281565	1.937599	5.39E-04	F40A3.4	CE33843	WBGene00018219	status:Confirmed TR:O18263 protein_id:AAB65323.2
CELE0002S00017147	9.94028	9.347557	1.50809	8.42E-03	C24B9.3a.2			
CELE0002S00017170	9.548826	8.922474	1.541518	1.16E-03	G55A6.5	CE09002	WBGene00008334	alcohol dehydrogenase status:Partially_confirmed TR:P90780 protein_id:CAB02865.1
CELE0002S00017188	5.813091	5.178571	1.552421	2.15E-02	Y40B10B.2	CE21799	WBGene00005603	locus:sgj-15 7TM chemoreceptor, sgj family status:Partially_confirmed TR:Q9UAX3 protein_id:AAD14739.1
CELE0002S00017199	9.531345	8.8334	1.822192	3.81E-04	F17C11.2.1	CE05849	WBGene00008914	F17C11.2 TR:Q19513
CELE0002S00017200	9.339947	8.355204	1.978981	8.58E-04	F17C11.2.2	CE05849	WBGene00008914	F17C11.2 TR:Q19513
CELE0002S00017345	7.875875	6.945232	1.906125	2.18E-02	C25D7.9	CE08395	WBGene00007719	status:Partially_confirmed TR:O17800 protein_id:CAB02778.1
CELE0002S00017396	6.323232	5.347904	1.966088	6.87E-04	C25E10.8	CE08870	WBGene00016097	status:Confirmed TR:Q18157 protein_id:AAA92313.1
CELE0002S00017398	6.073303	5.41698	1.578061	9.92E-03	K11C4.2	CE12110	WBGene00019643	status:Predicted TR:Q94276 protein_id:AAB18315.1
CELE0002S00017447	10.964551	10.279772	1.596352	2.32E-02	W04E12.8	CE19003	WBGene00012263	Lectin C-type domain short and long forms (2 domains) status:Confirmed TR:Q9XUL7 protein_id:CAB04909.1
CELE0002S00017450	7.155559	6.378252	1.713929	2.24E-03	W02G9.1	CE18314	WBGene00003579	locus:ndx-2 status:Partially_confirmed TR:O61902 protein_id:AAC17685.1
CELE0002S00017452	7.194803	6.360958	1.782182	1.55E-03	W02G9.4	CE18317	WBGene00020954	status:Partially_confirmed TR:O61901 protein_id:AAC17682.1
CELE0002S00017489	12.577547	11.768859	1.754048	1.22E-07	Y51A2D.14	CE19210	WBGene00013081	status:Confirmed TR:Q9XXR2 protein_id:CAA16401.1
CELE0002S00017529	8.813818	8.145925	1.588531	9.15E-03	R11H6.1.1	CE12770	WBGene00003982	pee-9 TR:O18000
CELE0002S00017539	12.834953	12.127136	1.633331	4.86E-06	F32D8.6.2	CE05785	WBGene00001303	emo-1 TR:Q19997
CELE0002S00017544	6.977936	6.246048	1.660811	4.34E-02	F15B9.1	CE09406	WBGene00001387	locus:far-3 O.volvulus antigen peptide like status:Confirmed TR:Q19478 protein_id:CAB01422.1
CELE0002S00017585	10.135861	9.54602	1.505081	1.92E-02	T04C12.4.3	CE13148	WBGene00000065	act-3 TR:P10983
CELE0002S00017592	6.547626	5.577228	1.959381	3.59E-02	C50B6.4	CE08873	WBGene00000734	locus:col-161 collagen status:Partially_confirmed TR:O17686 protein_id:CAB02849.1
CELE0002S00017610	11.464798	10.788191	1.598379	3.47E-02	T02B11.3a	CE33300	WBGene00020155	status:Confirmed TR:Q88553 protein_id:AAO26005.1
CELE0002S00017642	12.486522	11.802337	1.606794	1.24E-03	C02E7.6.1	CE07843	WBGene00015339	C02E7.6 TR:O16428
CELE0002S00017646	12.370519	11.431854	1.916754	5.81E-04	C02E7.6.2	CE07843	WBGene00015339	C02E7.6 TR:O16428
CELE0002S00017680	7.789901	6.998994	1.730182	1.99E-02	C15C8.1	CE05285	WBGene00007604	status:Partially_confirmed TR:Q18017 protein_id:CAA99774.1
CELE0002S00017674	6.315587	5.570303	1.676304	1.38E-02	K03B8.6	CE31967	WBGene00010524	status:Partially_confirmed TR:Q21182 protein_id:CAA98505.2
CELE0002S00017676	8.57179	7.755803	1.760502	4.84E-02	K03B8.8	CE06082	WBGene00010525	status:Partially_confirmed TR:Q21178 protein_id:CAA98499.1
CELE0002S00017685	7.678242	6.698244	1.96973	6.55E-03	C18G1.2	CE17418	WBGene00015981	GATA transcription factor status:Partially_confirmed TR:O61924 protein_id:AAC17758.1
CELE0002S00017696	7.402518	6.616808	1.723941	6.97E-03	F44G3.10	CE18041	WBGene00009710	status:Partially_confirmed TR:O45515 protein_id:CAB05514.1
CELE0002S00017734	7.31574	6.649833	1.586565	4.56E-02	T06E4.8	CE23951	WBGene00011535	status:Partially_confirmed TR:Q22282 protein_id:CAA94794.2
CELE0002S00017849	8.70074	7.932108	1.703854	1.58E-03	F57F4.3.1			
CELE0002S00017858	8.53115	7.800547	1.659332	1.87E-02	F53H10.2.1			
CELE0002S00017859	7.353832	6.642908	1.638852	1.93E-02	F53H10.2.2			
CELE0002S00017876	9.584383	8.929659	1.574315	3.27E-03	T04C12.1	CE13142	WBGene00011427	status:Partially_confirmed TR:O02295 protein_id:CAB04679.1
CELE0002S00017884	7.796773	7.167904	1.546352	4.78E-02	Y45G12B.3	CE28366	WBGene00021564	status:Partially_confirmed TR:Q9N4Z0 protein_id:AAF80578.2
CELE0002S00017992	10.137295	9.402602	1.664043	1.52E-03	F57B1.4.2	CE31962	WBGene00000733	col-160 TR:Q20921
CELE0002S00018018	10.761935	10.061219	1.625311	1.86E-05	F55C10.3	CE11182	WBGene00000728	locus:col-155 collagen status:Partially_confirmed SW:Q21184 protein_id:CAA98487.1
CELE0002S00018102	8.660478	5.967006	1.857641	4.15E-02	H23N18.5	CE20987	WBGene00019236	status:Predicted TR:Q9TXZ7 protein_id:AAD14734.1
CELE0002S00018119	8.46374	7.85014	1.530072	4.54E-02	ZK1005.1b	CE33259	WBGene00004053	locus:pme-5 status:Confirmed TR:Q810N5 protein_id:AAO12392.1
CELE0002S00018206	8.192348	7.275044	1.888583	1.19E-05	W08H8.8g	CE38727	WBGene00008438	locus:tag-58 status:Partially_confirmed
CELE0002S00018217	9.299391	8.565255	1.663401	2.58E-02	T23B12.3	CE14030	WBGene00020718	ribosomal protein status:Confirmed TR:O17004 protein_id:AAB69935.1
CELE0002S00018240	6.907347	6.292579	1.531312	2.66E-02	T25F10.2	CE26386	WBGene00000936	locus:dbl-1 TGF-beta-like growth factor status:Confirmed TR:O02424 protein_id:AAB04986.2
CELE0002S00018245	6.332834	5.69944	1.55121	3.16E-02	T15B7.1	CE37677	WBGene00020516	status:Confirmed TR:Q5ZRT5 protein_id:AAV28323.1
CELE0002S00018252	8.202671	7.395032	1.750345	4.39E-03	T15B7.5	CE13656	WBGene00000714	locus:col-141 collagen status:Partially_confirmed TR:O17035 protein_id:AAB69960.1
CELE0002S00018266	8.81678	7.928847	1.850523	2.59E-03	K11D12.3	CE30388	WBGene00005655	locus:srr-4 status:Partially_confirmed TR:O44618 protein_id:AAB94224.2
CELE0002S00018268	6.063029	5.20384	1.814018	7.30E-03	K11D12.4	CE12132	WBGene00019844	acetyltransferase status:Partially_confirmed TR:O44619 protein_id:AAB94222.1
CELE0002S00018275	7.518551	6.923433	1.510596	1.74E-02	C01B7.1a.1	CE29553	WBGene00015274	C01B7.1 TR:Q17548
CELE0002S00018375	6.534432	5.748314	1.724428	2.28E-02	Y47A7.2	CE27257	WBGene00021614	status:Partially_confirmed TR:Q9BKR3 protein_id:AAK27678.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00018386	8.483889	7.501505	1.975728	4.78E-05	F32D8.9	CE05788	WBGene00005001	locus:spp-16 status:Confirmed TR:Q19968 protein_id:CAA98459.1
CELE0002S00018390	6.089675	5.447071	1.539652	7.19E-03	F35B12.2	CE31928	WBGene00000983	locus:dhs-20 retinal dehydrogenase like status:Partially_confirmed TR:Q20012 protein_id:CAA98465.2
CELE0002S00018415	9.969986	9.310074	1.579986	4.72E-02	T05B4.3	CE13197	WBGene00020237	status:Confirmed TR:O16424 protein_id:AAG69054.1
CELE0002S00018449	7.520137	6.681087	1.788872	2.07E-02	Y47D7A.11	CE35807	WBGene00021623	status:Partially_confirmed TR:Q9N3U4 protein_id:AAF80632.2
CELE0002S00018513	6.801706	6.112875	1.6122	5.74E-04	F53E10.2b	CE36860	WBGene00000056	locus:acr-17 status:Confirmed TR:Q6F8K3 protein_id:AAT48618.1
CELE0002S00018530	6.131708	5.456368	1.596973	3.20E-02	H19N07.2c	CE36180	WBGene00010406	status:Confirmed TR:Q7JKC3 protein_id:CAE54910.1
CELE0002S00018554	8.889155	8.231398	1.577628	3.14E-03	Y116F11B.1	CE25720	WBGene00000920	locus:daf-28 status:Partially_confirmed TR:Q9NEK7 protein_id:CAB61047.2
CELE0002S00018556	11.623946	10.77954	1.795525	5.76E-04	F57F4.4.1	CE11344	WBGene00019017	F57F4.4 TR:Q94247
CELE0002S00018558	11.677207	10.706409	1.959924	2.07E-05	F57F4.4.2	CE11344	WBGene00019017	F57F4.4 TR:Q94247
CELE0002S00018559	11.752948	11.060093	1.616479	5.49E-03	F57F4.4.3			
CELE0002S00018561	11.6774	10.882473	1.73499	7.47E-04	F57F4.4.4			
CELE0002S00018563	11.518493	10.864659	1.573344	6.32E-03	F57F4.4.5			
CELE0002S00018572	8.941189	8.337995	1.519076	2.22E-02	B0365.6	CE07723	WBGene00007153	C-type lectin domain status:Confirmed TR:P90732 protein_id:CAB02691.1
CELE0002S00018595	7.446195	6.885852	1.693893	1.34E-02	T01D3.3a	CE18162	WBGene00011328	Von Willebrand factor-like status:Confirmed TR:Q7JL02 protein_id:CAB03259.1
CELE0002S00018801	8.568352	7.921647	1.565588	3.59E-02	T19H12.3b	CE30836	WBGene00020589	status:Confirmed TR:Q6MPT1 protein_id:AAM45361.1
CELE0002S00018608	7.77787	7.047258	1.659113	2.22E-02	Y45G12C.2	CE21937	WBGene00001758	locus:gst-10 glutathione S-transferase status:Confirmed SW:Q9N4X8 protein_id:AAF80580.1
CELE0002S00018820	10.754488	10.151502	1.518855	2.74E-03	M162.6	CE18896	WBGene00010932	status:Predicted TR:Q9XUD1 protein_id:CAB05252.1
CELE0002S00018850	5.559194	4.821011	1.668074	5.75E-05	F10G2.2	CE09330	WBGene00017363	status:Predicted TR:Q22958 protein_id:AAQ24057.1
CELE0002S00018741	8.963021	8.044423	1.890277	2.80E-05	K06C4.11	CE04501	WBGene00001893	locus:his-19 histone H2A status:Predicted SW:P09588 protein_id:AAF98219.1
CELE0002S00018854	8.221891	7.271015	1.933046	7.82E-04	Y80D3A.10	CE27787	WBGene00013588	status:Confirmed TR:Q95Z19 protein_id:CAC42383.1
CELE0002S00018969	7.585195	6.691277	1.858216	1.62E-02	F25G6.7b	CE37007	WBGene00017798	status:Partially_confirmed TR:Q8A592 protein_id:AAT81194.1
CELE0002S00019008	7.960218	7.295899	1.58482	3.17E-03	F45F2.9.1	CE33095	WBGene00018481	F45F2.9 TR:Q22973
CELE0002S00019068	7.923091	7.191402	1.660582	5.31E-03	T05H4.8a.2	CE13279	WBGene00020269	T05H4.6 TR
CELE0002S00019069	8.307344	7.423891	1.844785	2.57E-04	T05H4.8a.3			
CELE0002S00019070	8.409524	7.525021	1.846129	2.23E-02	T05H4.8a.4			
CELE0002S00019091	11.251314	10.35984	1.85507	1.40E-03	T27E4.4.1	CE14253	WBGene00020862	T27E4.4 TR:Q23052
CELE0002S00019098	8.173712	7.492503	1.603483	1.12E-02	R11D1.9	CE06314	WBGene00011247	Human NOF1 protein like status:Partially_confirmed SW:Q21939 protein_id:GAA99508.1
CELE0002S00019224	7.042413	6.404562	1.55601	4.77E-02	ZK228.8	CE16717	WBGene00005393	locus:srh-178 status:Partially_confirmed TR:O45961 protein_id:CAB04999.1
CELE0002S00019259	8.396278	7.799788	1.512033	3.96E-02	ZK287.3	CE06612	WBGene00013964	status:Partially_confirmed TR:Q23455 protein_id:CAA94799.1
CELE0002S00019316	7.773642	7.074554	1.623478	2.04E-03	F31D4.8	CE15934	WBGene00009293	status:Confirmed TR:O45423 protein_id:CAB07376.1
CELE0002S00019344	6.947502	6.235802	1.637733	2.38E-02	F40F9.9	CE31345	WBGene00000172	locus:aqp-4 MIP transmembrane protein status:Confirmed TR:Q20243 protein_id:CAA94779.2
CELE0002S00019469	8.570769	7.977836	1.50831	4.40E-02	T11F9.9	CE06421	WBGene00000730	locus:col-157 collagen status:Predicted TR:Q22393 protein_id:CAA98525.1
CELE0002S00019590	6.297808	5.415309	1.843566	1.69E-02	T10C6.10	CE16385	WBGene00011691	status:Partially_confirmed TR:O45772 protein_id:CAB07666.1
CELE0002S00019596	8.776575	7.83143	1.925382	4.27E-06	T10C6.12	CE04501	WBGene00001877	locus:his-3 histone H2A status:Partially_confirmed SW:P09588 protein_id:CAB07656.1
CELE0002S00019600	8.306825	7.481088	1.772219	1.16E-02	F19F10.3	CE09483	WBGene00017599	status:Predicted TR:O1516 protein_id:AAB52281.1
CELE0002S00019615	7.778401	6.814769	1.947512	2.37E-03	T05B4.11	CE13213	WBGene00020242	status:Confirmed TR:O16420 protein_id:AAG69060.1
CELE0002S00019622	7.381988	6.656325	1.65366	2.22E-03	C13F10.1a	CE29482	WBGene00015741	status:Partially_confirmed TR:Q95Q86 protein_id:AAL08026.1
CELE0002S00019644	7.360981	6.753667	1.52342	6.89E-03	C14C10.7	CE28433	WBGene00007590	status:Partially_confirmed TR:Q95QW9 protein_id:CAC70073.1
CELE0002S00019673	9.537707	8.827464	1.63608	3.01E-03	Y17D7B.2	CE16591	WBGene00012450	status:Predicted TR:O45909 protein_id:CAA16298.1
CELE0002S00019711	9.162429	8.214756	1.928759	3.12E-02	F54E2.3a	CE30078	WBGene00004130	locus:pqn-43 status:Partially_confirmed TR:Q9TXK2 protein_id:AAC78200.3
CELE0002S00019713	7.665478	6.963289	1.626972	2.95E-02	F54E2.3b	CE28729	WBGene00004130	locus:pqn-43 status:Confirmed TR:Q965G2 protein_id:AAK82895.1
CELE0002S00019719	9.938625	9.250378	1.611324	2.80E-02	F54E2.3d	CE30808	WBGene00004130	locus:pqn-43 status:Partially_confirmed TR:Q8MXD7 protein_id:AAM45364.1
CELE0002S00019724	10.451292	9.727176	1.851889	3.16E-03	Y75B7A.1	CE27416	WBGene00022287	status:Partially_confirmed TR:Q9N2X6 protein_id:AAF60880.2
CELE0002S00019737	7.502499	6.729685	1.708599	8.75E-03	R08E5.3.1	CE12576	WBGene00019963	R08E5.3 TR:O01593
CELE0002S00019799	6.518582	5.72765	1.730654	6.34E-03	K01D12.11	CE06050	WBGene00010470	locus:cdt-4 glutathione S-transferase status:Confirmed TR:Q21099 protein_id:GAA99878.1
CELE0002S00019809	9.023079	8.323841	1.623647	2.38E-02	K01D12.15	CE28043	WBGene00010474	status:Partially_confirmed TR:Q27223 protein_id:CAA99878.2
CELE0002S00019894	9.810262	9.217125	1.508523	1.27E-03	F58B4.3	CE06013	WBGene00010236	status:Partially_confirmed TR:Q20973 protein_id:CAA98495.1
CELE0002S00019898	7.223846	6.517341	1.631846	3.59E-04	F58B4.6	CE34892	WBGene00010239	status:Predicted TR:Q7YX11 protein_id:CAE17835.1
CELE0002S00019957	10.375251	9.584391	1.754257	2.79E-04	Y22F5A.4	CE16605	WBGene00003090	locus:lys-1 status:Confirmed TR:O62415 protein_id:CAA18323.1
CELE0002S00019959	9.576816	8.765503	1.754809	1.81E-02	Y22F5A.5	CE16606	WBGene00003091	locus:lys-2 status:Confirmed TR:O62416 protein_id:CAA18324.1
CELE0002S00019966	6.282616	5.346714	1.913086	2.38E-03	F46E10.11	CE25890	WBGene00018492	status:Confirmed TR:Q9UAV9 protein_id:AAK71367.1
CELE0002S00020034	9.299027	8.671573	1.544836	1.33E-03	T05E8.3	CE23961	WBGene00011848	comichon protein like status:Confirmed SW:Q22361 protein_id:CAB01516.2
CELE0002S00020081	8.799321	7.966981	1.756057	1.65E-03	T01D3.6a.1			
CELE0002S00020084	8.845865	8.009195	1.785923	2.11E-02	T01D3.6a.2			
CELE0002S00020093	8.044863	7.311439	1.66258	1.02E-02	F45F2.3.2			
CELE0002S00020134	6.512358	5.919767	1.507953	2.75E-02	C51E3.9	CE31334	WBGene00008254	status:Confirmed TR:Q8M9G9 protein_id:CAD44102.1
CELE0002S00020138	9.712347	8.881049	1.779285	6.82E-03	R02F11.1	CE12486	WBGene00019839	status:Confirmed TR:O16364 protein_id:AAB65897.1

SEQ_ID	control	Expos	FoldChange	pvalue	GENE_NAME	WB_Wormep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00020160	11.512491	10.546141	1.953891	1.75E-08	C24B9.9.3	CE17451	WBGene00016052	dod-3 TR:Q78438
CELE0002S00020163	9.413452	8.762324	1.570396	2.37E-03	F37B4.2.1	CE27378	WBGene00002055	ifo-1 TR:Q45168
CELE0002S00020164	9.120289	8.197437	1.895833	2.38E-03	F37B4.2.2	CE27378	WBGene00002055	ifo-1 TR:Q45168
CELE0002S00020215	10.758786	10.167725	1.508354	3.24E-04	C05E4.9a.1	CE23521	WBGene00001584	gei-7 TR:Q10663
CELE0002S00020217	10.833908	9.899533	1.911083	5.68E-08	C05E4.9a.2	CE23521	WBGene00001584	gei-7 TR:Q10663
CELE0002S00020219	10.811228	10.127609	1.806184	5.38E-04	C05E4.9a.3	CE23521	WBGene00001584	gei-7 TR:Q10663
CELE0002S00020221	10.873453	10.197232	1.597949	1.01E-02	C05E4.9a.4	CE23521	WBGene00001584	gei-7 TR:Q10663
CELE0002S00020223	10.426277	9.801728	1.541729	9.97E-03	C05E4.9a.5			
CELE0002S00020224	10.930052	10.084775	1.79661	4.05E-05	C05E4.9a.6			
CELE0002S00020248	9.82079	8.818674	1.743657	7.90E-03	T08H10.1	CE17230	WBGene00020369	aldose reductase status:Partially_confirmed TR:Q22352 protein_id:AAA97992.2
CELE0002S00020333	7.075432	6.382147	1.616961	2.46E-02	R08E5.2b.3	CE33294	WBGene00019962	R08E5.2 TR:Q86NC6
CELE0002S00020337	6.683958	5.96692	1.621173	5.74E-03	T24A8.20	CE31069	WBGene00020756	status:Partially_confirmed TR:Q965J1 protein_id:AAK73896.2
CELE0002S00020351	7.897183	7.243303	1.573372	8.65E-03	C02A12.4	CE07828	WBGene00003096	locus:lys-7 status:Confirmed TR:Q16202 protein_id:AAB65267.1
CELE0002S00020368	5.735779	4.910272	1.772158	2.97E-02	C54D10.1	CE05497	WBGene00008296	glutathione S-transferase status:Confirmed TR:Q18831 protein_id:CAA99803.1
CELE0002S00020422	8.558968	7.849529	1.635168	7.24E-03	K08B12.2a	CE29814	WBGene00019521	status:Confirmed TR:Q01582 protein_id:AAB52258.2
CELE0002S00020459	8.507983	7.7485	1.692884	2.48E-03	Y97E10C.1	CE31135	WBGene00022410	status:Partially_confirmed TR:Q8MXT9 protein_id:AAM48561.1
CELE0002S00020510	7.301271	6.811763	1.612733	1.04E-02	Y38H8C.18	CE19110	WBGene00012628	status:Partially_confirmed TR:Q9XX45 protein_id:CAA20994.1
CELE0002S00020545	8.761624	7.881346	1.840731	2.19E-03	T02B11.4	CE33302	WBGene00020156	status:Confirmed TR:Q18973 protein_id:AAB69902.2
CELE0002S00020609	6.821012	5.862051	1.943909	7.52E-03	Y46H3D.8	CE22016	WBGene00021612	status:Predicted TR:Q968B6 protein_id:AAK72311.1
CELE0002S00020639	5.462143	4.857823	1.520262	1.52E-02	C25E10.9b.5			
CELE0002S00020664	9.706298	8.759408	1.927713	4.52E-05	R09B5.8	CE12632	WBGene00000557	locus:cnc-3 status:Confirmed TR:Q44612 protein_id:AAB94209.1
CELE0002S00020666	8.137342	7.245731	1.855247	2.90E-04	R09B5.9	CE12634	WBGene00000558	locus:cnc-4 status:Confirmed TR:Q44613 protein_id:AAB94216.1
CELE0002S00020671	8.040844	7.276123	1.899041	3.86E-03	F53E10.1.1	CE10920	WBGene00018758	F53E10.1 TR:P91321
CELE0002S00020741	9.093822	8.123076	1.959855	1.10E-02	K12F2.1	CE34936	WBGene00003515	locus:myo-3 myosin heavy chain status:Partially_confirmed SW:P12844 protein_id:CAB01576.2
CELE0002S00020758	8.738902	8.126857	1.528636	1.33E-02	B0348.5	CE17330	WBGene00015153	status:Partially_confirmed TR:Q81954 protein_id:AAC17808.1
CELE0002S00020773	7.103358	6.142299	1.946736	4.19E-02	C26F1.1b	CE35249	WBGene00016146	status:Partially_confirmed TR:Q817M0 protein_id:AAH486Q.2
CELE0002S00020904	6.306189	5.568987	1.6349	2.07E-03	F08F3.1	CE09257	WBGene00017260	status:Predicted TR:Q22951 protein_id:AAB04878.1
CELE0002S00020907	9.564474	8.689393	1.859714	5.58E-04	F08F3.3	CE09259	WBGene00004358	locus:rh-1 blood group RHD) polypeptide status:Confirmed TR:Q22947 protein_id:AAB04874.1
CELE0002S00020910	8.560305	7.599586	1.946828	1.02E-02	F08F3.4	CE32856	WBGene00017262	status:Confirmed TR:Q22945 protein_id:AAH4827.1
CELE0002S00020935	6.254009	5.387914	1.822723	9.23E-03	F23B12.3	CE09595	WBGene00009080	status:Confirmed TR:Q19750 protein_id:CAB01165.1
CELE0002S00021002	9.862658	9.03758	1.771828	3.50E-04	F09B9.4	CE37344	WBGene00008603	status:Confirmed TR:Q7JMH3 protein_id:CAA90059.3
CELE0002S00021010	6.502387	5.527026	1.966134	6.23E-03	F42F12.3	CE03314	WBGene00009835	3-oxo-5-alpha-steroid 4-dihydrogenase status:Partially_confirmed TR:Q20344 protein_id:CAA92173.1
CELE0002S00021109	9.612487	8.832255	1.717407	5.59E-04	T23E7.2a	CE14064	WBGene00020732	status:Partially_confirmed TR:Q17339 protein_id:AAB71257.1
CELE0002S00021110	9.633378	8.830628	1.744423	4.76E-05	T23E7.2b	CE14066	WBGene00020732	status:Partially_confirmed TR:Q17338 protein_id:AAB71258.1
CELE0002S00021113	10.289263	9.661208	1.545482	8.98E-04	T23E7.2c	CE31244	WBGene00020732	status:Partially_confirmed TR:Q8MXJ1 protein_id:AAM69088.1
CELE0002S00021138	7.64954	6.751429	1.863824	6.66E-04	F15G9.6	CE34816	WBGene00008889	status:Predicted TR:Q7YX23 protein_id:CAE17809.1
CELE0002S00021162	8.38165	7.701753	1.602025	2.83E-02	ZK1088.2	CE06681	WBGene00014216	status:Partially_confirmed TR:Q23396 protein_id:CAA94224.1
CELE0002S00021172	8.762438	8.164072	1.514001	2.37E-02	B0395.3.2	CE02944	WBGene00007175	B0395.3 TR:Q17499
CELE0002S00021176	8.763899	8.158011	1.521915	1.17E-02	C25F8.2a	CE36524	WBGene00001006	locus:dlg-1 guanylate kinase status:Confirmed TR:Q18165 protein_id:AAK39197.2
CELE0002S00021180	9.407298	8.641005	1.700894	1.95E-03	K03C7.2a	CE31196	WBGene00001441	locus:fdy-9 DNA-binding status:Confirmed TR:Q21187 protein_id:AAA81139.2
CELE0002S00021192	5.710285	5.093194	1.533779	1.28E-04	F41D9.3a	CE37843	WBGene00008942	locus:wrk-1 status:Confirmed TR:Q5WRR1 protein_id:AAV28344.1
CELE0002S00021199	9.433872	8.829913	1.519882	4.41E-03	F53A9.1	CE02760	WBGene00018724	status:Partially_confirmed TR:Q20690 protein_id:AAC48558.1
CELE0002S00021212	10.380207	9.474658	1.873257	2.39E-03	F53A9.8	CE02768	WBGene00018731	status:Confirmed TR:Q20693 protein_id:AAC48563.1
CELE0002S00021257	7.928699	7.282791	1.586567	1.67E-02	C34F8.1	CE15670	WBGene00007938	Kunitz/Bovine pancreatic trypsin inhibitor domain (8 domains) status:Confirmed TR:Q17844 protein_id:CAB03944.1
CELE0002S00021303	9.534871	8.735029	1.74091	8.46E-05	F18H3.3a.1	CE02193	WBGene00003903	pab-2 TR:Q19579
CELE0002S00021305	9.638572	8.750301	1.850957	1.84E-03	F18H3.3a.2	CE02193	WBGene00003903	pab-2 TR:Q19579
CELE0002S00021306	9.763869	8.989522	1.710416	3.70E-04	F18H3.3a.3	CE02193	WBGene00003903	pab-2 TR:Q19579
CELE0002S00021327	8.193681	7.524402	1.590278	2.31E-03	K02A4.1	CE03457	WBGene00001149	locus:beat-1 twt1 like protein status:Confirmed SW:P54688 protein_id:CAA91805.1
CELE0002S00021344	8.789001	8.159397	1.54714	2.21E-02	F45E1.6	CE01943	WBGene00001945	locus:his-71 Histone H3 status:Confirmed SW:Q10453 protein_id:AAB04902.1
CELE0002S00021355	7.451422	6.623088	1.775638	1.17E-03	M03B6.2	CE12336	WBGene00010834	monocarboxylate transporter like status:Partially_confirmed TR:Q93896 protein_id:CAB01766.1
CELE0002S00021360	6.389227	5.680769	1.634057	1.58E-03	C44E12.3b	CE30901	WBGene00006671	locus:twk-17 status:Confirmed TR:Q76788 protein_id:AAM51530.1
CELE0002S00021399	10.443206	9.640942	1.743836	2.90E-03	F22H10.3.4			
CELE0002S00021400	7.601602	6.611011	1.986999	1.93E-02	H36L18.2	CE19945	WBGene00010424	status:Confirmed TR:Q9XTV5 protein_id:CAB08560.1
CELE0002S00021408	10.563857	9.585096	1.970772	1.42E-02	F22H10.3.8			
CELE0002S00021447	8.307876	7.674541	1.551147	3.24E-02	C29F7.3	CE08444	WBGene00007812	uridylylase kinase status:Confirmed TR:Q17622 protein_id:CAB07328.1
CELE0002S00021449	9.596212	8.88878	1.632895	6.84E-03	C18A11.2	CE04033	WBGene00015948	status:Partially_confirmed TR:Q18069 protein_id:AAC89006.1
CELE0002S00021488	7.401826	6.61071	1.730173	7.59E-03	F55E10.6	CE02788	WBGene00018885	D-beta-hydroxybutyrate dehydrogenase (BDH) status:Predicted TR:Q20840 protein_id:AAC48535.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00021487	7.155599	6.516647	1.557198	1.44E-02	W04G3.2.1			
CELE0002S00021488	6.48284	5.799111	1.608288	6.68E-03	W04G3.2.2			
CELE0002S00021493	6.861943	6.261336	1.516354	7.76E-03	C24A8.4a	CE27726	WBGene00016038	G-protein coupled receptor status:Partially_confirmed TR-Q952M6 protein_id:AAK39183.2
CELE0002S00021524	6.706637	5.891909	1.758966	3.03E-02	B04I0.3	CE28814	WBGene00015172	status:Confirmed TR-Q95ZZ5 protein_id:AAK84626.1
CELE0002S00021534	8.66234	7.679255	1.976888	3.73E-03	T14G12.3	CE04964	WBGene00006408	locus:tag-18 status:Partially_confirmed TR-Q22508 protein_id:AAA82434.1
CELE0002S00021544	7.000298	6.223703	1.713083	7.54E-03	T04G9.4	CE04885	WBGene00020215	B. subtilis sfp protein; Anabaena sp. HET1 protein status:Partially_confirmed TR-Q22171 protein_id:AAA82460.1
CELE0002S00021596	6.770038	5.929853	1.79028	1.43E-03	M02F4.9	CE25059	WBGene00019739	status:Predicted TR-Q95ZR4 protein_id:AAK71379.1
CELE0002S00021611	7.324652	6.711952	1.529118	2.66E-02	F39C12.1	CE10092	WBGene00018193	status:Partially_confirmed TR-Q61201 protein_id:AAB94194.1
CELE0002S00021626	8.824744	8.206533	1.534971	5.88E-03	C05E11.8	CE03938	WBGene00001455	locus:flp-12 status:Confirmed TR-Q17668 protein_id:AAA96198.1
CELE0002S00021627	9.455126	8.649265	1.748189	3.17E-06	F20D1.10.1	CE23677	WBGene00008980	F20D1.10 TR-Q9U3M
CELE0002S00021629	9.479415	8.848677	1.548357	4.65E-03	F20D1.10.2	CE23677	WBGene00008980	F20D1.10 TR-Q9U3M
CELE0002S00021678	8.009193	7.344134	1.585633	1.01E-02	T25G12.1	CE07538	WBGene00020809	status:Partially_confirmed TR-Q22788 protein_id:AAC69017.1
CELE0002S00021695	6.659581	6.058808	1.516529	3.81E-02	F59F4.1.2	CE11546	WBGene00010336	F59F4.1 TR-Q93839
CELE0002S00021697	8.180524	7.518038	1.582808	2.88E-02	F26A10.1	CE02691	WBGene00017813	status:Partially_confirmed TR-Q19806 protein_id:AAA68306.1
CELE0002S00021724	9.428122	8.804854	1.54036	3.05E-02	F18H9.1a	CE03211	WBGene00004345	locus:rgs-2 Regulator of G protein signalling domain status:Confirmed SWP49808 protein_id:AAH69100.1
CELE0002S00021725	9.838926	9.121981	1.643698	2.58E-05	D1025.4	CE17612	WBGene00008356	status:Confirmed TR-Q62121 protein_id:CAB05471.1
CELE0002S00021731	9.905415	9.103082	1.743919	4.10E-05	D1025.7	CE31459	WBGene00008358	status:Confirmed TR-Q8MQ91 protein_id:CAD44104.1
CELE0002S00021737	10.071327	9.238455	1.781228	2.69E-06	D1025.9	CE34779	WBGene00008380	status:Confirmed TR-Q7YST5 protein_id:CAE17785.1
CELE0002S00021779	9.638258	8.774319	1.820001	1.28E-04	F42F12.10	CE31940	WBGene00023493	status:Confirmed TR-Q614J1 protein_id:CAH80761.1
CELE0002S00021798	9.592801	8.800745	1.7313	9.25E-03	M6.1a	CE31204	WBGene00002056	locus:ifc-2 intermediate filament protein A status:Partially_confirmed TR-Q21580 protein_id:AAH69100.1
CELE0002S00021815	6.164542	5.20087	1.950267	2.29E-03	ZC13.1a	CE29813	WBGene00022502	zinc finger protein status:Confirmed TR-Q95Q42 protein_id:AAL13327.1
CELE0002S00021826	9.442128	8.659798	1.719906	4.57E-05	T10B10.2	CE23962	WBGene00011679	ubiquinol-cytochrome c reductase complex core protein 2 status:Confirmed TR-Q22370 protein_id:CAA96875.2
CELE0002S00021828	9.226042	8.293322	1.908872	5.63E-04	T10B10.6	CE06404	WBGene00011883	status:Partially_confirmed TR-Q22373 protein_id:CAA96678.1
CELE0002S00021829	6.303456	5.455141	1.800397	3.76E-02	F11A1.2	CE03180	WBGene00008688	status:Partially_confirmed TR-Q19332 protein_id:CAA90718.1
CELE0002S00021849	7.908062	7.139181	1.701587	4.93E-03	F49E2.2a.1	CE31527	WBGene00009886	F49E2.2 TR-Q20621
CELE0002S00021921	8.897127	7.894038	1.744833	8.53E-03	W04G3.5	CE03789	WBGene00012258	ribose-phosphate pyrophosphokinase status:Confirmed TR-Q23168 protein_id:CAA92027.1
CELE0002S00021932	7.270866	6.535517	1.86711	2.41E-02	C07A12.7c.1	CE33557	WBGene00015561	C07A12.7 TR-Q86GT7
CELE0002S00021948	8.058329	7.370755	1.810573	1.87E-02	T08A9.4.1			
CELE0002S00021958	12.306636	11.63486	1.593033	1.60E-04	C16H3.2	CE08236	WBGene00002272	locus:lec-9 sugar-binding protein status:Confirmed TR-Q94169 protein_id:AAB07585.1
CELE0002S00021959	8.287546	7.623688	1.584313	4.73E-04	F49E2.5f	CE16092	WBGene00009888	status:Partially_confirmed TR-Q45543 protein_id:CAA86426.1
CELE0002S00021967	7.889926	7.175176	1.641198	3.82E-02	T14E8.1a	CE28667	WBGene00020504	protein-tyrosine kinase status:Confirmed TR-Q22489 protein_id:AAA82385.2
CELE0002S00021980	9.585916	8.853891	1.638102	2.69E-02	F56B8.4c	CE31185	WBGene00006863	locus:uvr-5 status:Confirmed TR-Q8MPU4 protein_id:AAM89110.1
CELE0002S00022031	5.469905	4.70877	1.894823	5.62E-03	C39D10.8b	CE29714	WBGene00016535	status:Confirmed TR-Q95QR7 protein_id:AAL18318.1
CELE0002S00022072	8.544921	7.794847	1.682112	1.50E-04	C52B9.7b	CE30265	WBGene00003907	locus:paf-2 status:Confirmed SW-Q22943 protein_id:AAL65780.1
CELE0002S00022078	9.940567	8.990481	1.931988	4.88E-04	M02F4.7.1			
CELE0002S00022095	6.990624	6.013052	1.989149	9.79E-03	C54H2.1	CE35440	WBGene00006368	locus:sym-3 status:Partially_confirmed TR-Q18883 protein_id:AAB05090.2
CELE0002S00022100	8.515534	7.589068	1.900615	3.18E-02	C54H2.5	CE09887	WBGene00004788	locus:sft-4 status:Confirmed SW-Q18884 protein_id:AAB05091.1
CELE0002S00022106	8.757164	8.158327	1.514495	6.51E-03	T25C12.3.3			
CELE0002S00022117	9.738984	8.803385	1.912685	8.82E-03	F40E10.6.2	CE31508	WBGene00009574	F40E10.6 TR-Q19965
CELE0002S00022132	7.334105	6.515087	1.784205	2.52E-02	T13G4.3	CE37147	WBGene00020480	status:Partially_confirmed
CELE0002S00022170	9.582655	8.897796	1.607545	2.75E-03	C31H2.2	CE04130	WBGene00001070	locus:dpy-8 collagen alpha (weak) status:Confirmed TR-Q18345 protein_id:AAA83338.1
CELE0002S00022179	6.403078	5.585205	1.782805	4.90E-02	K05B2.5	CE34052	WBGene00003986	locus:pes-22 status:Confirmed TR-Q9GYN2 protein_id:AAF99981.3
CELE0002S00022211	11.433416	10.476148	1.94163	7.78E-03	K09C8.6	CE31035	WBGene00003757	locus:nlp-19 status:Confirmed TR-Q8MQ06 protein_id:CAD36495.1
CELE0002S00022240	5.724643	4.938892	1.72399	4.25E-02	T07H6.1b	CE30450	WBGene00020330	status:Confirmed TR-Q8T3D3 protein_id:AAM15599.1
CELE0002S00022244	8.232884	7.620257	1.529041	5.42E-03	C53C11.4	CE04267	WBGene00016901	S. muris microneme antigen status:Predicted TRP91183 protein_id:AAB42309.1
CELE0002S00022289	10.742803	9.791527	1.933582	2.92E-05	C07A12.2	CE03970	WBGene00015560	status:Partially_confirmed TR-Q17772 protein_id:AAK39151.1
CELE0002S00022305	6.210002	5.397655	1.758066	4.04E-04	T05A10.1a	CE38395	WBGene00004862	locus:sma-9 status:Confirmed TR-Q22190 protein_id:CAA92133.3
CELE0002S00022308	8.048231	5.288876	1.692734	3.45E-02	T05A10.1c	CE36397	WBGene00004862	locus:sma-9 status:Confirmed TR-Q7JM48 protein_id:CAF31487.1
CELE0002S00022332	9.695272	8.889306	1.748316	5.23E-04	F22F1.1.1			
CELE0002S00022336	9.978856	9.217869	1.692537	6.95E-04	F42F12.8.2	CE31940	WBGene00009639	F42F12.8 TR-Q814J1
CELE0002S00022339	9.80282	9.213043	1.505014	3.78E-03	F42F12.8.3			
CELE0002S00022406	6.63991	5.961211	1.800698	9.12E-03	T27A10.5	CE07554	WBGene00020845	status:Predicted TR-Q22819 protein_id:AAB52503.1
CELE0002S00022407	7.640174	7.040342	1.51554	1.15E-02	T27A10.6	CE30193	WBGene00020846	status:Partially_confirmed TR-Q22822 protein_id:AAB52504.3
CELE0002S00022429	8.275747	7.689125	1.501726	1.50E-02	F59F4.4	CE11552	WBGene00010339	locus:ac1-1 1-scyt-SN-glycerol-3-phosphate acyltransferase status:Partially_confirmed SW-Q93841 protein_id:CAB03160.1
CELE0002S00022452	9.278047	8.478548	1.740497	5.03E-03	R03E1.2.1	CE18902	WBGene00010993	R03E1.2 TR-Q9XTY9
CELE0002S00022454	9.85898	8.925424	1.662732	3.36E-03	R03E1.2.2	CE18902	WBGene00010993	R03E1.2 TR-Q9XTY9
CELE0002S00022476	7.790699	6.992338	1.739124	3.48E-02	C02C6.3	CE29169	WBGene00007261	Leucine Rich Repeat (2 copies) status:Partially_confirmed TR-Q93177 protein_id:CAB01853.3

SEQ_ID	control	Expose	FoldChange	pvalue	GENE_NAME	WB Wormpep_ID	WB_Gene_ID	DESCRPTIONS
CELE0002S00022498	7.833543	7.24289	1.505928	1.12E-02	F09A5.4c	CE26804	WBGene00008601	status:Confirmed TR:Q9BH92 protein_id:CA35816.1
CELE0002S00022504	8.820937	8.153315	1.588453	3.07E-02	Y15E3A.2	CE21369	WBGene00012441	status:Partially_confirmed TR:Q9U2P5 protein_id:CAB60330.1
CELE0002S00022520	12.130506	11.188461	1.92125	9.31E-06	F41E7.5	CE03305	WBGene00009621	collagen-like repeats status:Confirmed TR:Q20277 protein_id:CAA92128.1
CELE0002S00022542	9.230282	8.470234	1.693523	1.56E-04	Y102A11A.5	CE26476	WBGene00022415	status:Confirmed TR:Q95XK0 protein_id:AAK3931.1
CELE0002S00022571	9.082356	8.225241	1.811412	4.77E-03	H28G03.2a	CE29419	WBGene00019250	status:Confirmed TR:Q97XP7 protein_id:AAC67404.2
CELE0002S00022597	9.870286	9.122637	1.679054	5.00E-03	Y34B4A.6	CE30215	WBGene00021322	status:Confirmed TR:Q95Y29 protein_id:AAL65801.1
CELE0002S00022610	10.850102	10.165871	1.808945	4.46E-05	6R55.1a	CE19652	WBGene00007068	status:Confirmed TR:Q9XTD8 protein_id:CAA20192.1
CELE0002S00022611	10.584223	9.996425	1.502951	4.93E-03	6R55.1b	CE26787	WBGene00007068	status:Confirmed TR:Q9BH80 protein_id:CA35870.1
CELE0002S00022623	8.987298	8.39881	1.50367	6.71E-04	T22H8.7	CE30355	WBGene00000017	locus:abf-6 status:Confirmed TR:Q8T3C5 protein_id:CAD27609.1
CELE0002S00022629	7.757683	6.992619	1.699445	8.53E-03	F41B4.3	CE07213	WBGene00018259	status:Confirmed TR:Q96J44 protein_id:AAK85478.1
CELE0002S00022646	9.252181	8.440689	1.755026	9.33E-04	F53B3.6	CE04446	WBGene00018744	zinc finger protein status:Partially_confirmed TR:Q20711 protein_id:AAA81406.1
CELE0002S00022697	6.425299	5.661615	1.697821	3.74E-02	G12D12.1b	CE29576	WBGene00015713	status:Confirmed TR:Q95QX0 protein_id:AAL00858.2
CELE0002S00022811	9.594028	8.757708	1.78549	5.21E-04	C18A11.7b.2	CE04038	WBGene00001000	dmm-1 TR:Q18066
CELE0002S00022812	7.119491	6.450486	1.589976	4.59E-02	C09B8.7b	CE06792	WBGene00003911	locus:pek-1 status:Confirmed SW:Q17850 protein_id:AAL65775.1
CELE0002S00022813	9.627421	8.800245	1.774209	2.65E-03	C18A11.7b.3	CE04038	WBGene00001000	dmm-1 TR:Q18066
CELE0002S00022815	9.567251	8.709259	1.812515	3.21E-03	C18A11.7b.4	CE04038	WBGene00001000	dmm-1 TR:Q18066
CELE0002S00022874	6.129348	5.440778	1.811895	2.30E-02	H08J11.2	CE37248	WBGene00019173	status:Partially_confirmed TR:Q689A0 protein_id:AAU05565.1
CELE0002S00022895	11.17401	10.236333	1.915442	1.09E-04	M80.4b.1	CE02832	WBGene00019780	M80.4 TR:Q722A6
CELE0002S00022896	11.335509	10.517155	1.763393	2.78E-03	M80.4b.2	CE02832	WBGene00019780	M80.4 TR:Q722A6
CELE0002S00022897	10.331121	9.588958	1.672682	1.92E-07	M80.4b.3	CE02832	WBGene00019780	M80.4 TR:Q722A6
CELE0002S00022898	6.101629	5.376745	1.652788	3.33E-02	K08A8.2a	CE28595	WBGene00004949	locus:sox-2 sex-determining protein SRY status:Confirmed TR:Q21305 protein_id:AAA79747.2
CELE0002S00022929	8.231253	7.523359	1.633418	3.88E-03	F41G4.2a	CE25884	WBGene00000294	locus:cas-1 adenyl cyclase-associated protein status:Partially_confirmed TR:Q95YA9 protein_id:AAK85481.1
CELE0002S00022984	6.762495	5.903229	1.814115	1.58E-02	F16F9.2	CE30956	WBGene00001088	locus:dpy-8 status:Partially_confirmed TR:Q94185 protein_id:AAB07691.2
CELE0002S00023029	9.409084	8.535939	1.831651	1.12E-03	F29G6.3c.2	CE36484	WBGene00009259	F29G6.3 TR:Q6A2D2
CELE0002S00023047	8.578743	7.657205	1.894133	9.43E-04	C25G6.2	CE04083	WBGene00006635	locus:sp-9 transparin status:Partially_confirmed TR:Q18177 protein_id:AAA82355.1
CELE0002S00023069	9.761571	9.156114	1.521461	1.61E-05	W07E11.3a	CE02374	WBGene00001445	locus:flp-2 status:Confirmed TR:Q23213 protein_id:CAA90031.1
CELE0002S00023092	7.873609	6.89947	1.984468	7.22E-04	R07E4.3	CE04818	WBGene00019937	status:Confirmed TR:Q21817 protein_id:AAA80402.1
CELE0002S00023128	10.811279	9.910679	1.866842	6.87E-04	K10C2.3	CE04749	WBGene00019619	aspartyl protease status:Partially_confirmed TR:Q94271 protein_id:AAK39258.1
CELE0002S00023128	10.227033	9.360882	1.822793	1.12E-04	K10C2.4	CE04750	WBGene00019620	fumarylacetoacetase status:Confirmed TR:Q94272 protein_id:AAK39259.1
CELE0002S00023170	7.928047	7.262476	1.583999	1.91E-02	K08G5.1b	CE37390	WBGene00010805	status:Confirmed TR:Q5WRM0 protein_id:CAH60773.1
CELE0002S00023219	9.387553	8.391647	1.994333	1.52E-03	R07B1.4	CE30562	WBGene00001784	locus:gst-38 glutathione S-transferase status:Confirmed SW:Q09607 protein_id:CAA8854.2
CELE0002S00023225	9.278509	8.422129	1.81049	5.43E-04	C11H1.9a	CE05264	WBGene00023500	status:Partially_confirmed TR:Q5WRP2 protein_id:CAH60748.1
CELE0002S00023234	8.080746	7.24628	1.783197	2.15E-03	F11C7.3b	CE30944	WBGene00006886	locus:vap-1 status:Confirmed TR:Q8MQ79 protein_id:AAM54195.1
CELE0002S00023261	6.062471	5.393497	1.589942	1.36E-02	F31B12.4	CE34836	WBGene00009283	status:Predicted TR:Q7YX33 protein_id:CAE17794.1
CELE0002S00023285	9.113912	8.407525	1.631713	7.67E-03	T08G2.3.2	CE07473	WBGene000020366	T08G2.3 TR:Q22347
CELE0002S00023296	6.429716	5.798548	1.548818	2.81E-02	F41B4.2a	CE30981	WBGene00018258	status:Confirmed TR:Q96J45 protein_id:AAK85477.2
CELE0002S00023300	7.58384	6.929347	1.552392	9.67E-03	C14A11.7	CE35235	WBGene00006055	locus:ras-2 RAS-related protein status:Partially_confirmed TR:Q02139 protein_id:AA852874.2
CELE0002S00023302	7.989368	7.049777	1.917984	3.12E-02	R03A10.2	CE06208	WBGene00010982	status:Predicted TR:Q21656 protein_id:CAA93671.1
CELE0002S00023328	10.152662	9.182487	1.959078	7.20E-06	C30F2.4	CE34718	WBGene00007818	status:Predicted TR:Q7YX86 protein_id:CAE17702.1
CELE0002S00023379	10.453047	9.73439	1.845649	2.44E-02	VY35H6BL.2	CE32736	WBGene00012161	status:Predicted TR:Q8I134 protein_id:CAD57706.1
CELE0002S00023399	8.75015	8.086071	1.584556	3.27E-03	F18E9.6	CE02663	WBGene00017572	status:Predicted TR:Q19566 protein_id:AAA68811.1
CELE0002S00023447	8.914665	8.10489	1.752938	9.63E-03	ZK455.1.2	CE03812	WBGene00000040	aco-1 TR:Q23500
CELE0002S00023448	10.152239	9.527479	1.541954	6.65E-03	C49F5.1.1	CE08852	WBGene00008205	C49F5.1 TR:Q17680
CELE0002S00023453	11.08296	10.242717	1.790352	1.09E-03	C49F5.1.3	CE08852	WBGene00008205	C49F5.1 TR:Q17680
CELE0002S00023470	5.992371	5.239148	1.685554	1.38E-02	F44A8.4	CE37373	WBGene00009676	status:Partially_confirmed TR:Q20386 protein_id:CAA90724.2
CELE0002S00023481	7.142635	6.192865	1.931585	8.88E-06	F57C12.5c	CE31189	WBGene00003407	locus:mrp-1 status:Confirmed TR:Q8MQ16 protein_id:AAM69107.1
CELE0002S00023484	6.600543	5.804402	1.73645	4.91E-03	F38E9.5.1	CE28307	WBGene00018187	F38E9.5 TR:Q20173
CELE0002S00023514	5.990641	5.295242	1.619332	4.41E-02	F41D9.3b.2	CE30986	WBGene00006942	wrk-1 TR:Q8MPU9
CELE0002S00023519	8.892238	7.696905	1.993541	8.85E-05	T26C11.2	CE05021	WBGene00020828	E. gracilis major membrane skeletal protein status:Predicted TR:Q22807 protein_id:AA48211.1
CELE0002S00023540	7.647897	6.770159	1.837492	2.48E-02	C44C1.2.2			
CELE0002S00023551	8.687867	7.947999	1.670023	2.20E-02	C17G1.4b	CE37318	WBGene00007851	status:Partially_confirmed TR:Q5WRN0 protein_id:CAH60759.1
CELE0002S00023577	6.472759	5.857927	1.53138	1.91E-02	C10A4.3	CE02471	WBGene00015864	status:Partially_confirmed TR:Q17891 protein_id:AA48517.1
CELE0002S00023597	7.053319	6.462272	1.50634	4.90E-02	F18E9.5a	CE30957	WBGene00017571	status:Partially_confirmed TR:Q19565 protein_id:AAM54190.1
CELE0002S00023614	9.895697	9.272639	1.540136	4.45E-02	EGAP4.1	CE07012	WBGene00017149	transposase status:Partially_confirmed TR:Q19077 protein_id:AAA93414.1
CELE0002S00023651	7.073117	6.289002	1.722036	1.01E-02	T03G6.1	CE35756	WBGene00020194	status:Confirmed TR:Q22128 protein_id:AAA81705.2
CELE0002S00023658	7.932055	7.156646	1.711675	3.32E-02	F09B12.3.3			
CELE0002S00023661	12.133779	11.351081	1.720345	1.57E-05	F47B7.1	CE02743	WBGene00018532	status:Confirmed SW:Q20516 protein_id:AAA80373.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00023716	8.554624	7.710749	1.794865	4.15E-02	C18B2.5b.1			
CELE0002S00023721	8.160164	7.421788	1.668297	1.21E-02	F52E10.2	CE03394	WBGene00009933	status:Predicted TR:Q20668 protein_id:CAA91053.1
CELE0002S00023787	7.057159	6.428483	1.546145	7.66E-03	C46F4.2	CE30907	WBGene00016716	locus:acs-17 long-chain-fatty-acid coA 5gase status:Confirmed TR:Q18660 protein_id:AAA80409.2
CELE0002S00023792	6.180611	5.54922	1.549058	1.32E-02	C11H1.9b.3			
CELE0002S00023816	9.380264	8.581828	1.739215	1.64E-03	K02G10.4a	CE04704	WBGene00001454	locus:flp-11 status:Confirmed TR:Q21156 protein_id:AAK39250.1
CELE0002S00023843	8.997727	8.123126	1.833501	6.68E-03	C02F12.3.1	CE30849	WBGene00015354	C02F12.3 TR:Q11089
CELE0002S00023877	8.773179	8.01495	1.691413	3.60E-02	F41G4.2b.1	CE25885	WBGene00000294	cas-1 TR:Q95YB0
CELE0002S00023879	8.607743	7.897328	1.636275	1.54E-02	F41G4.2b.2	CE25885	WBGene00000294	cas-1 TR:Q95YB0
CELE0002S00023917	9.583975	8.936937	1.56595	5.27E-03	B0272.3	CE00852	WBGene00007129	3-hydroxyacyl-CoA dehydrogenase status:Partially_confirmed SW:P41938 protein_id:CAA86312.1
CELE0002S00023924	9.023022	8.097531	1.899331	4.55E-06	K10B3.1b	CE37127	WBGene00019609	status:Confirmed
CELE0002S00023925	10.790797	10.045175	1.676697	4.72E-04	K10B3.7	CE07370	WBGene00001685	locus:gpd-3 status:Confirmed SW:P17330 protein_id:AAB53869.1
CELE0002S00023988	11.033429	10.298611	1.664188	2.67E-09	T23F2.3	CE04998	WBGene00020736	blt101 protein-barley status:Confirmed SW:Q22700 protein_id:AAA80385.1
CELE0002S00024028	9.56667	8.928466	1.55639	2.74E-02	F42D1.2.1	CE10298	WBGene00009628	F42D1.2 TR:Q93703
CELE0002S00024064	6.940695	6.166373	1.710386	4.12E-04	E01H11.3	CE29246	WBGene00001463	locus:flp-20 status:Partially_confirmed TR:Q95QP2 protein_id:AAL02475.1
CELE0002S00024081	8.857188	6.192431	1.585301	3.48E-04	ZK154.3	CE15257	WBGene00003171	locus:mec-7 beta tubulin status:Partially_confirmed SW:P12456 protein_id:AA809092.1
CELE0002S00024109	6.849029	6.212946	1.554104	2.59E-02	C54G7.2.1	CE04270	WBGene00016934	C54G7.2 TR:Q18856
CELE0002S00024186	8.891939	8.111302	1.717889	3.17E-04	Y64H9.1	CE27298	WBGene00022023	status:Predicted TR:Q95Y55 protein_id:AAK39349.1
CELE0002S00024192	6.185072	5.480747	1.60695	5.96E-03	W05H9.3.13			
CELE0002S00024205	7.975295	7.363697	1.527951	9.86E-03	ZC373.1	CE31670	WBGene00013866	cystathionine beta-synthase status:Partially_confirmed TR:Q23264 protein_id:CAB63415.2
CELE0002S00024226	8.845868	8.257422	1.503626	7.71E-04	F20D1.1	CE09494	WBGene00008973	status:Confirmed TR:Q93533 protein_id:CAB01743.1
CELE0002S00024263	6.170962	5.351657	1.764556	5.63E-04	T14F9.4a	CE07500	WBGene00003968	locus:peb-1 status:Confirmed TR:Q22491 protein_id:AAA91262.1
CELE0002S00024290	6.635728	6.048614	1.502239	7.19E-03	F34H10.2	CE01572	WBGene00009379	status:Partially_confirmed TR:Q09558 protein_id:CAA87035.1
CELE0002S00024348	7.520549	6.560833	1.945197	3.39E-02	Y73B3A.8	CE26586	WBGene00022210	status:Predicted TR:Q95XF7 protein_id:AAK39366.1
CELE0002S00024369	9.322604	8.411151	1.880939	8.96E-04	T01C8.5	CE07462	WBGene00020146	aminotransferase status:Confirmed SW:Q22667 protein_id:AAB00578.1
CELE0002S00024371	7.122658	6.371361	1.683305	4.44E-02	C14F5.1a	CE01780	WBGene00015776	status:Confirmed SW:Q09969 protein_id:AAA68403.1
CELE0002S00024373	8.68449	8.047549	1.555028	3.33E-05	ZK470.2b.1	CE05087	WBGene00022745	ZK470.2 TR:Q23505
CELE0002S00024383	8.005786	7.412549	1.508628	2.87E-02	R07E3.1.1	CE02295	WBGene00011102	R07E3.1 TR:Q21810
CELE0002S00024398	12.000537	11.334273	1.586958	3.28E-08	C24A3.2a.1	CE04059	WBGene00016033	C24A3.2 TR:Q18124
CELE0002S00024400	11.516804	10.813723	1.627752	1.81E-02	C24A3.2a.2	CE04059	WBGene00016033	C24A3.2 TR:Q18124
CELE0002S00024420	11.349841	10.38852	1.974272	2.27E-03	T10E10.5	CE25990	WBGene00000742	locus:col-169 collagen status:Confirmed TR:Q86NE4 protein_id:AAO44906.1
CELE0002S00024423	11.509661	10.764024	1.676714	7.68E-03	T10E10.6	CE23972	WBGene00000743	locus:col-170 collagen status:Partially_confirmed TR:Q86NE3 protein_id:AAO44907.1
CELE0002S00024431	7.466045	6.707157	1.692186	1.39E-02	F09E10.7a.1	CE34536	WBGene00017297	F09E10.7 TR:Q7Y2V4
CELE0002S00024435	6.436299	5.691732	1.675471	2.19E-02	ZK678.7	CE35168	WBGene00014071	status:Predicted TR:Q7YWM1 protein_id:CAE18059.1
CELE0002S00024449	10.216445	9.520249	1.620227	1.06E-03	F11C7.2	CE07051	WBGene00017376	status:Partially_confirmed TR:Q19349 protein_id:AAC69014.1
CELE0002S00024463	8.322209	7.503022	1.764411	1.62E-02	F11C7.7	CE30946	WBGene00017379	status:Partially_confirmed TR:Q8MQ78 protein_id:AAM54197.1
CELE0002S00024475	6.371907	5.691732	1.602334	1.61E-02	T06F4.1a	CE23953	WBGene00020294	status:Partially_confirmed TR:Q95ZP7 protein_id:AAK71396.1
CELE0002S00024495	5.72685	5.093354	1.55132	1.97E-02	F49H12.2	CE20838	WBGene00018653	status:Predicted TR:Q9N5S4 protein_id:AAF39628.1
CELE0002S00024657	10.397034	9.465744	1.90698	1.01E-03	chrIII_5414630-5416130			
CELE0002S00024674	7.535631	6.819985	1.642218	9.46E-03	chrIII_11125743-11127243			
CELE0002S00024679	7.842559	7.032293	1.753535	1.23E-04	chrIII_360519-362019			
CELE0002S00024727	6.873744	5.997745	1.835278	4.95E-02	chrIII_4445082-4446582			
CELE0002S00024782	6.036503	5.408903	1.544993	2.58E-03	chrII_10323552-10325052			
CELE0002S00024928	8.375113	7.659828	1.641808	3.07E-02	chrI_3318641-3320141			
CELE0002S00024958	8.168457	7.552145	1.532951	1.03E-02	chrI_6885433-6886933			
CELE0002S00025015	8.419172	7.713953	1.630392	2.16E-03	chrI_10865745-10867070			
CELE0002S00025096	7.264503	6.598673	1.586481	3.86E-03	chrIV_5040428-5041915			
CELE0002S00025147	7.321316	6.606706	1.64104	2.09E-03	chrV_14940334-14941834			
CELE0002S00025231	6.049176	5.124839	1.897812	9.10E-03	chrV_5447214-5448684			
CELE0002S00025320	7.487423	6.888071	1.515036	1.10E-02	chrX_4093509-4094886			
CELE0002S00025370	9.638735	8.829284	1.752544	2.34E-03	chrX_14017905-14019405			

2.0倍以上4.0倍未満(Expose増)

SEQ_ID	control	Expose	FoldChange	p-value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00000601	7.126389	8.140163	2.019186	0.01095369	K07A1.2	CE18855	WBGene00010609	deoxyuridine 5'-triphosphate nucleotidohydrolase status:Confirmed TR:O01934 protein_id:CAB03175.1
CELE0002S00000659	8.849989	10.507405	3.154512	0.000179269	M01E11.5.1	CE12296	WBGene00000474	cay-3 TR:P91398
CELE0002S00000662	9.295468	10.882934	2.963837	0.00000477	M01E11.5.2	CE12296	WBGene00000474	cay-3 TR:P91398
CELE0002S00000664	8.986586	10.813821	3.089204	0.000109691	M01E11.5.3	CE12296	WBGene00000474	cay-3 TR:P91398
CELE0002S00000686	10.786214	12.2194	2.700424	0.00000807	F48F11.2	CE10598	WBGene00000473	locus:cay-2 status:Confirmed TR:P91306 protein_id:AAK21380.1
CELE0002S00000787	7.970711	9.080799	2.158588	0.00068994	Y65B4BL.2.1	CE25536	WBGene00022034	Y65B4BL.2 TR:Q9N303
CELE0002S00000914	4.908997	5.93187	2.03478	0.001882207	Y44E3B.1a	CE18390	WBGene00021552	status:Confirmed TR:O76709 protein_id:AAK21516.1
CELE0002S00000930	7.539301	8.582842	2.032621	0.005527738	B0041.8	CE29528	WBGene00015011	status:Confirmed TR:Q95R19 protein_id:AAL11097.1
CELE0002S00001089	8.268862	9.593003	2.504185	0.000717181	R12E2.10	CE18142	WBGene00020035	protein-tyrosine phosphatase status:Partially_confirmed TR:O81789 protein_id:AAG17031.1
CELE0002S00001222	8.570271	9.599862	2.041162	0.001592629	Y119C1B.1	CE29607	WBGene00022467	status:Partially_confirmed TR:Q95Y76 protein_id:AAK39322.2
CELE0002S00001271	5.523027	6.867684	2.210905	0.02453	C34B2.7.1	CE16895	WBGene00016392	C34B2.7 TR:O44954
CELE0002S00001272	5.024886	6.287026	2.398513	0.006510627	C34B2.7.2	CE16895	WBGene00016392	C34B2.7 TR:O44954
CELE0002S00001289	9.748531	10.878059	2.187871	0.00042915	R09B3.2	CE16307	WBGene00011155	RNA recognition motif (aka RRM, RBD, or RNP domain) status:Confirmed TR:O45712 protein_id:CAB03236.1
CELE0002S00001545	6.880755	7.676873	2.02247	0.0024502	C32E8.8	CE08532	WBGene00004217	locus:ptr-2 status:Partially_confirmed TR:P91129 protein_id:AAB42325.1
CELE0002S00001621	8.543633	9.745028	2.299619	0.0000221	Y51F10.2	CE30032	WBGene00021763	status:Confirmed TR:Q8WTJ8 protein_id:AAL35729.1
CELE0002S00001851	5.502003	7.08877	2.958297	0.009155891	T05F1.2	CE18929	WBGene00011489	status:Confirmed TR:Q9XUR4 protein_id:CAB04680.1
CELE0002S00001897	5.921639	7.021065	2.142694	0.02788222	B0281.7	CE07709	WBGene00015095	status:Partially_confirmed TR:O01442 protein_id:AAB52353.1
CELE0002S00001934	10.217678	11.439033	2.331856	0.0000517	W05F2.3	CE14616	WBGene00021035	status:Confirmed TR:Q9TYT8 protein_id:AAC78214.1
CELE0002S00002057	5.270338	6.427923	2.230837	0.005797708	K07G5.2	CE08130	WBGene00008963	locus:xpa-1 DNA-repair protein XP-A homolog like status:Partially_confirmed TR:Q21302 protein_id:CAA95829.1
CELE0002S00002688	8.673525	9.949052	2.420872	0.001379524	R08C7.1	CE06244	WBGene00011081	status:Partially_confirmed SW:Q21770 protein_id:CAA95839.1
CELE0002S00002697	9.173238	10.191417	2.025361	0.002813583	R08C7.4	CE06247	WBGene00011083	status:Partially_confirmed TR:Q21771 protein_id:CAA95840.1
CELE0002S00002699	6.558264	7.801878	2.36791	0.001349172	D1081.7.1	CE05539	WBGene00008385	D1081.7 TR:Q18960
CELE0002S00003396	8.529543	9.616266	2.123911	0.0000192	T21E3.1	CE13874	WBGene00020652	status:Partially_confirmed TR:O01767 protein_id:AAB54138.1
CELE0002S00003450	10.102737	11.128631	2.036503	0.000432161	C25A1.8	CE08374	WBGene00007709	lectin status:Confirmed TR:Q9XVS3 protein_id:CAB02758.1
CELE0002S00003796	6.029895	7.038182	2.011521	0.009965854	C04A2.7d	CE31289	WBGene00001023	locus:cdj-5 status:Confirmed TR:Q8MQF1 protein_id:AAM81128.1
CELE0002S00003904	7.46633	8.742348	2.421696	0.003276784	F43E2.8.2	CE07244	WBGene00002008	hsp-4 TR:P20163
CELE0002S00004225	6.454722	7.794876	2.531783	0.001693955	AH8.5	CE26846	WBGene00003231	locus:mox-8 zinc finger protein status:Confirmed SW:Q09438 protein_id:CAA88088.2
CELE0002S00004437	6.689467	7.954408	2.40484	0.00348222	F44F4.2	CE00998	WBGene00009701	Protein-tyrosine phosphatase status:Partially_confirmed TR:Q20402 protein_id:CAA85453.1
CELE0002S00005365	8.719722	9.792082	2.10287	0.000264858	K10B2.3a	CE33419	WBGene00019606	lectin status:Confirmed TR:Q88NG3 protein_id:AAO38821.1
CELE0002S00005366	8.470116	9.780841	2.358591	0.000364844	K10B2.3b	CE33420	WBGene00019606	status:Confirmed TR:Q88NG4 protein_id:AAO38822.1
CELE0002S00005755	6.307189	7.5985	2.444113	0.001130404	T16A1.9	CE13718	WBGene00020538	status:Partially_confirmed TR:P91450 protein_id:AAB37878.1
CELE0002S00005864	9.141426	10.229143	2.125374	0.00036728	Y17G7A.1	CE21378	WBGene00001977	locus:hmg-12 status:Confirmed TR:O45912 protein_id:CAA15962.1
CELE0002S00005879	10.305037	11.321123	2.022425	0.000747452	T09F3.3.1	CE02343	WBGene00001883	gpd-1 TR:P04970
CELE0002S00005880	10.25823	11.399514	2.205772	0.0000157	T09F3.3.2	CE02343	WBGene00001883	gpd-1 TR:P04970
CELE0002S00008564	6.2073	7.217286	2.013892	0.001912485	EEED8.3	CE01887	WBGene00017134	status:Partially_confirmed SW:Q09294 protein_id:AAC46763.1
CELE0002S00007237	6.60143	7.891349	2.445143	0.006180778	F44E5.4.3			
CELE0002S00007259	6.405291	7.481894	2.108772	0.002237914	F54D5.2	CE36491	WBGene00010048	status:Partially_confirmed TR:Q20768 protein_id:CAA91329.3
CELE0002S00007384	9.08882	10.305506	2.324122	0.0000116	F54C9.8	CE02258	WBGene00004241	locus:puf-5 Pumilio-family RNA binding domains (aka PUM-HD, Pumilio homology domain) (6 domains) status:Confirmed TR:Q20767 protein_id:CAA90254.1
CELE0002S00007550	8.407332	9.446074	2.054435	0.02637037	C05C10.5a	CE01469	WBGene00007332	status:Confirmed SW:Q09230 protein_id:CAA86203.1
CELE0002S00007562	7.745095	8.846888	2.146213	0.003324648	C05C10.5b	CE35822	WBGene00007332	status:Confirmed TR:Q7JMK4 protein_id:CAE48493.1
CELE0002S00007602	6.202888	7.559384	2.58059	0.000410121	F52C8.2.1	CE32669	WBGene00018659	F52C8.2 TR:O44621
CELE0002S00007610	5.621641	6.94884	2.508803	0.003374335	F55C12.5c.2			
CELE0002S00007699	5.912574	6.922161	2.013335	0.005696733	T24H7.4	CE02886	WBGene00020783	status:Partially_confirmed TR:Q22756 protein_id:AAA68350.1
CELE0002S00007803	6.718557	7.936119	2.325534	0.03701449	F44E5.5.2	CE18679	WBGene00009692	F44E5.5 TR:Q9XTL8
CELE0002S00008526	5.87135	6.993627	2.178903	0.01251004	R74.8b	CE37038	WBGene00011282	status:Partially_confirmed TR:Q8BEV8 protein_id:CAH04738.1
CELE0002S00008993	10.521194	11.852872	2.516953	0.0000542	B0280.5	CE31888	WBGene00015102	status:Confirmed SW:P41966 protein_id:AAA19083.3
CELE0002S00009032	7.753025	8.846051	2.13321	0.02434578	T19C3.8	CE02878	WBGene00001412	locus:fem-2 status:Confirmed SW:P49594 protein_id:AAC46598.1
CELE0002S00009349	6.170077	7.199842	2.041692	0.0145926	K07E12.2	CE01362	WBGene00019501	status:Partially_confirmed TR:Q21283 protein_id:AAA50716.1
CELE0002S00009914	7.101532	8.165783	2.091084	0.000042	F34D10.8	CE33636	WBGene00009377	status:Confirmed TR:Q86MD2 protein_id:CAD88216.1
CELE0002S00009972	5.887903	7.311289	2.682143	0.012401	F22B7.2	CE00155	WBGene00017893	status:Predicted SW:P34405 protein_id:AAA85484.1
CELE0002S00010052	8.659933	9.809945	2.219157	0.000500483	T05G5.7	CE00319	WBGene00011501	status:Partially_confirmed SW:P34560 protein_id:CAA81582.1
CELE0002S00010534	5.86266	6.883624	2.001337	0.01354631	C16C10.3	CE01494	WBGene00007624	status:Partially_confirmed SW:Q09249 protein_id:CAA8741.1
CELE0002S00010601	8.901133	9.990909	2.12841	0.001440374	Y41C4A.16	CE33480	WBGene00000670	locus:col-95 collagen status:Partially_confirmed TR:Q86MP1 protein_id:CAD66222.1
CELE0002S00010788	10.487825	11.88174	2.627908	0.000162011	C07G2.1a	CE00665	WBGene00000465	locus:cay-1 Endochitinase (partial) status:Confirmed SW:Q17802 protein_id:CAA83679.1
CELE0002S00010788	10.041464	11.449329	2.653442	0.000178871	C07G2.1b	CE33971	WBGene00000465	locus:cay-1 status:Confirmed SW:Q17802 protein_id:CAD91625.1
CELE0002S00010993	6.696703	7.867032	2.25063	0.02228265	W07B3.2d.2	CE32743	WBGene00001561	gei-4 TR:Q8ITW3

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00011233	12.20806	13.539482	2.516506	0.000000114	F43D9.4.1	CE00994	WBGene00004798	slp-1 TR:Q20363
CELE0002S00011234	12.153739	13.554328	2.640093	0.0000106	F43D9.4.2	CE00994	WBGene00004798	slp-1 TR:Q20363
CELE0002S00011395	8.932368	10.832594	3.732691	0.000590123	C53B4.5	CE03091	WBGene00000693	locus:col-119 collagen status:Partially_confirmed TR:Q18799 protein_id:CAA92453.1
CELE0002S00011533	8.477812	9.567979	2.128987	0.008205543	F27C8.6.1	CE03271	WBGene00009186	F27C8.6 TR:Q19839
CELE0002S00011535	8.402227	9.652586	2.379006	0.003723056	F27C8.6.2	CE03271	WBGene00009186	F27C8.6 TR:Q19839
CELE0002S00011723	8.494342	10.205301	3.273784	0.005263855	K02D7.3	CE17996	WBGene00000675	locus:col-101 cuticular collagen status:Confirmed TR:Q45105 protein_id:AA02808.1
CELE0002S00011849	11.207405	12.437025	2.345052	0.0000076	K07H8.6a.1			
CELE0002S00011851	11.158533	12.44361	2.436951	0.0000155	K07H8.6a.2			
CELE0002S00011801	6.671239	8.096282	2.685225	0.001353488	B0273.2	CE18788	WBGene00004243	locus:put-7 status:Confirmed TR:Q44169 protein_id:AAB88353.1
CELE0002S00011976	8.20129	9.740884	2.907127	0.00387158	Y73B6BL.38	CE31128	WBGene00022267	status:Confirmed TR:Q81U00 protein_id:AA063424.1
CELE0002S00012295	10.139491	11.435348	2.455228	0.005297506	C44B12.1.1			
CELE0002S00012297	10.510882	11.612171	2.145463	0.001024973	C44B12.1.2			
CELE0002S00012418	9.518564	11.040633	2.872026	0.00190771	T11F8.3	CE22368	WBGene00004374	locus:rme-2 LDL-like receptor status:Confirmed TR:Q44191 protein_id:AAB88554.3
CELE0002S00012557	9.888722	11.023815	2.196327	0.0000407	T05A1.2	CE03622	WBGene00000898	locus:col-122 collagen status:Confirmed TR:Q22183 protein_id:CAA92476.1
CELE0002S00013280	7.046311	8.177676	2.190659	0.008617442	Y45F10A.2	CE18393	WBGene00004239	locus:put-3 Pumilio-family RNA binding domains (aka PUM-HD, Pumilio homology domain) status:Confirmed TR:Q81U2G4 protein_id:CAB83369.1
CELE0002S00013310	5.881254	7.028084	2.214268	0.002468727	F41H10.10	CE31692	WBGene00002032	locus:htp-1 status:Partially_confirmed TR:Q20305 protein_id:AAK29805.2
CELE0002S00013477	9.376753	10.481513	2.150631	0.000311946	C28C12.2	CE04109	WBGene00016178	status:Confirmed TR:Q18282 protein_id:AAB37545.1
CELE0002S00013584	11.453606	12.504872	2.072348	0.0000389	K07H8.6c	CE18026	WBGene00006930	locus:vit-6 status:Partially_confirmed TR:Q7KPP7 protein_id:AAQ91801.1
CELE0002S00013613	9.229158	10.775967	2.921702	0.001312565	H02I12.1	CE37527	WBGene00010351	status:Partially_confirmed TR:Q45599 protein_id:CAB07215.2
CELE0002S00013704	7.760313	8.860774	2.144232	0.0000484	F22B3.4	CE03255	WBGene00009035	glucosamine-fructose-6-phosphate aminotransferase status:Partially_confirmed TR:Q19699 protein_id:CAA92735.1
CELE0002S00013718	7.978721	9.425932	2.728804	0.000423717	W02A2.7	CE21237	WBGene00003230	locus:cmx-5 Zinc finger C-x8-C-x5-C-x3-H type (and similar). status:Confirmed SW:Q9XUB2 protein_id:CAB05310.1
CELE0002S00013741	7.436613	8.485799	2.089382	0.008512221	F54E12.2.2	CE11083	WBGene00010061	F54E12.2 TR:Q17550
CELE0002S00014059	7.018628	8.072055	2.075454	0.005271465	Y7A9A.2	CE14844	WBGene00012417	status:Predicted TR:Q18255 protein_id:CAB16540.1
CELE0002S00014083	8.010063	9.212942	2.301986	0.009458217	C28D4.3	CE08432	WBGene00001607	locus:glu-8 glutamine synthase status:Confirmed TR:Q02225 protein_id:CAB05127.1
CELE0002S00014537	8.647948	10.622382	3.92974	0.0000182	Y77E11A.15	CE26306	WBGene00000680	locus:col-108 status:Confirmed TR:Q8MXT6 protein_id:AAM97984.1
CELE0002S00014790	6.230564	7.326782	2.137935	0.01159717	K08B9.3	CE07341	WBGene00019440	status:Predicted TR:Q21259 protein_id:AAA83448.1
CELE0002S00014987	8.270089	9.391796	2.176043	0.000563308	C24F3.6.1			
CELE0002S00014988	8.280785	9.416996	2.198033	0.002288104	C24F3.6.2			
CELE0002S00015022	7.956944	9.243675	2.438746	0.0000146	T22D1.5	CE17249	WBGene00020684	status:Partially_confirmed TR:Q9QZ86 protein_id:AAF98827.1
CELE0002S00016635	8.719752	9.916274	2.291865	0.00025733	ZC404.8	CE07598	WBGene00004984	locus:spn-4 RNA-binding protein status:Confirmed TR:Q23287 protein_id:AAA87963.1
CELE0002S00016749	9.855668	11.192917	2.528694	0.00215344	F52E1.1	CE04629	WBGene00004078	locus:pos-1 zinc-finger protein status:Confirmed TR:Q20867 protein_id:AAB37036.1
CELE0002S00016794	5.126337	6.177813	2.072649	0.02052357	Y6E2A.8	CE16584	WBGene00012401	status:Partially_confirmed TR:Q45975 protein_id:CAA15969.1
CELE0002S00016830	9.663322	10.88111	2.325898	0.0000337	T06E6.2a	CE13315	WBGene00000868	locus:cyb-3 cyclin B like status:Confirmed SW:Q10654 protein_id:CAB03311.1
CELE0002S00016831	9.920165	11.104738	2.272961	0.02252088	T06E6.2b	CE27776	WBGene00000868	locus:cyb-3 status:Confirmed TR:Q95ZP8 protein_id:CAC42336.1
CELE0002S00018150	7.187576	8.232848	2.063755	0.03045987	F10C2.2	CE09306	WBGene00002241	locus:kup-1 KUP-1 protein status:Confirmed SW:P34705 protein_id:CAB04080.1
CELE0002S00018164	9.163009	10.388318	2.338055	0.0000102	T25E12.5	CE16466	WBGene00012020	glycogenin status:Partially_confirmed TR:Q45819 protein_id:CAB04823.1
CELE0002S00018249	10.927327	12.338866	2.600208	0.000177338	T15B7.3	CE13652	WBGene00000716	locus:col-143 collagen status:Confirmed TR:Q17038 protein_id:AAB69959.1
CELE0002S00018294	8.298605	9.326771	2.03943	0.002748412	W02F12.3	CE14476	WBGene000020948	status:Partially_confirmed TR:Q45146 protein_id:AA04459.1
CELE0002S00018598	7.82639	8.847509	2.029482	0.009104319	F32D1.7	CE08871	WBGene00017986	status:Confirmed TR:Q18291 protein_id:AAB65348.1
CELE0002S00018689	7.756099	9.460124	3.258087	0.00080844	F07G11.2	CE09223	WBGene00017229	status:Predicted TR:Q16233 protein_id:AAG24049.1
CELE0002S00019661	11.586866	12.627621	2.057304	0.0000786	T22F3.4	CE13988	WBGene00004422	locus:rlp-11.1 60S ribosomal protein L11 status:Confirmed SW:Q94300 protein_id:AAB18306.1
CELE0002S00019743	6.994516	8.015343	2.029082	0.001059106	T01C3.2	CE23935	WBGene00011319	status:Confirmed TR:Q22056 protein_id:CAB01660.2
CELE0002S00019745	7.134333	8.194784	2.085583	0.01283592	T01C3.3	CE12912	WBGene00011320	Zinc finger, C3HC4 type (RING finger) status:Confirmed TR:Q22055 protein_id:CAB01659.1
CELE0002S00020175	8.305482	9.589386	2.43497	0.003040655	F38E1.7	CE17806	WBGene00003395	locus:mom-2 WNT family protein status:Confirmed SW:Q10459 protein_id:AAA83472.2
CELE0002S00020282	9.842992	10.951392	2.156084	0.001058162	K08H10.1	CE18875	WBGene00002263	locus:lea-1 status:Confirmed TR:Q16527 protein_id:CAB05543.1
CELE0002S00020408	8.177676	9.567979	2.621337	0.01004763	ZC513.6	CE07613	WBGene00003885	locus:ama-2 zinc finger protein status:Partially_confirmed TR:Q23359 protein_id:AAC48268.1
CELE0002S00020776	6.597235	7.785657	2.279033	0.00230507	ZK105.1	CE27646	WBGene00022653	status:Partially_confirmed TR:Q965Z4 protein_id:AAK88608.1
CELE0002S00021207	12.042129	13.057948	2.022052	0.00084143	C42D8.2.1	CE08950	WBGene00006926	vit-2 TR:P05690
CELE0002S00021259	8.647502	9.918881	2.413922	0.000762103	C34F8.2	CE15671	WBGene00000751	locus:col-178 collagen status:Confirmed TR:Q17841 protein_id:CAB03941.1
CELE0002S00021308	5.492528	6.497454	2.008941	0.006412833	M03F4.2c	CE37134	WBGene00000086	locus:act-4 status:Confirmed TR:Q6A8K1 protein_id:AAT92088.1
CELE0002S00021407	11.382342	12.425241	2.080364	0.000244158	F22H10.3.7			
CELE0002S00021858	8.07298	9.469941	2.633463	0.001410942	ZK1193.1a	CE05126	WBGene00000608	locus:col-19 cuticular collagen status:Confirmed SW:P18835 protein_id:AAA83293.1
CELE0002S00021860	4.969492	6.257901	2.442585	0.02090192	ZK1193.1b	CE35815	WBGene00000808	locus:col-19 status:Confirmed TR:Q7JP30 protein_id:AAQ82845.1
CELE0002S00021965	10.905366	12.762372	3.622551	0.000102528	F59D8.1.1	CE20900	WBGene00006927	vit-3 TR:Q9N4J2
CELE0002S00022432	10.865153	12.337825	2.736766	0.001286389	F59D8.2	CE26817	WBGene00006928	locus:vit-4 status:Partially_confirmed SW:P18947 protein_id:AAK09074.1
CELE0002S00022719	5.858008	7.059901	2.303604	0.00171485	F22A3.5	CE04441	WBGene00017690	homeotic protein PBX2 status:Predicted TR:Q19897 protein_id:AAA83196.1
CELE0002S00022806	9.425351	11.136979	3.275302	0.000953463	W03G11.1	CE26828	WBGene00000754	locus:col-181 cuticle collagen status:Partially_confirmed TR:Q23150 protein_id:CAA91544.2

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00023137	10.962287	12.323528	2.589061	0.00000438	F16H11.2	CE04397	WBGene00017531	status:Predicted TR:Q19497 protein_id:AAA98006.1
CELE0002S00023527	10.558001	11.732141	2.258583	0.003997356	C04F6.1	CE03921	WBGene00006929	locus: vit-5 status:Partially_confirmed SW:P06125 protein_id:AAAB3587.1
CELE0002S00023901	8.473358	10.233798	3.38801	0.001253405	F15A2.1	CE05630	WBGene00000757	locus: col-184 collagen status:Partially_confirmed TR:Q19470 protein_id:CAA94128.1
CELE0002S00024100	5.353297	6.457955	2.150479	0.004381622	F48B9.3	CE04611	WBGene00018589	status:Predicted TR:Q20553 protein_id:AAA81749.1

2.0倍以上4.0倍未満(control増)

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormseq_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00000106	8.393461	7.357462	2.050533	0.02672366	C17D12.5	CE30492	WBGene00007639	status:Confirmed TR:O62089 protein_id:CAB03893.2
CELE0002S00000112	8.425878	7.395751	2.042204	0.00108202	F58D5.2b.2	CE34488	WBGene00010242	F58D5.2 TR:Q7YTT0
CELE0002S00000168	8.7408	7.09588	3.127305	0.003639639	C50F2.6a	CE08912	WBGene00001430	locus:flb-5 peptidyl prolyl cis-trans isomerase status:Confirmed TR:P91180 protein_id:AAB37799.1
CELE0002S00000474	6.574982	5.506231	2.097617	0.0296045	F26E4.12	CE09696	WBGene00009165	glutathione peroxidase status:Partially_confirmed SW:O02821 protein_id:CAB03004.1
CELE0002S00000712	6.996577	5.838317	2.231881	0.001098156	Y54E10BL3	CE25435	WBGene00021838	status:Partially_confirmed TR:Q9N3D8 protein_id:AAF60778.1
CELE0002S00001006	9.841639	8.796615	2.083401	0.03028634	R12E2.7	CE18139	WBGene00020033	status:Confirmed TR:O61784 protein_id:AAC17028.1
CELE0002S00001292	8.569359	7.448793	2.174323	0.000397184	T08B2.7a.2	CE13431	WBGene00020347	T08B2.7 TR:Q8QYT0
CELE0002S00001647	8.080935	6.870572	2.313959	0.001801191	F32A7.5b	CE34178	WBGene00009306	status:Partially_confirmed TR:Q7YX99 protein_id:CAD92390.1
CELE0002S00001654	8.965987	7.86002	2.152431	0.000185724	T09B4.4	CE36196	WBGene00020378	status:Confirmed TR:O02159 protein_id:AAB53013.2
CELE0002S00001786	6.182955	5.1687	2.01986	0.0285964	ZK1025.6	CE19333	WBGene00014186	status:Predicted TR:Q9XXM1 protein_id:CAA18364.1
CELE0002S00001920	6.628895	5.518595	2.158905	0.01321567	H32K16.2	CE34907	WBGene00010422	status:Predicted TR:Q7YWX0 protein_id:CAE17890.1
CELE0002S00002391	7.433504	6.297908	2.197093	0.000742879	ZK909.6	CE34468	WBGene00014150	status:Partially_confirmed TR:Q7YTT9 protein_id:CAD98732.1
CELE0002S00002589	7.907009	6.743969	2.239288	0.000848462	Y71F8B.13c.1	CE33244	WBGene00022131	Y71F8B.13 TR:Q8IAB0
CELE0002S00002617	8.880386	7.479011	2.641532	0.000347193	C32E8.10d	CE23564	WBGene00006751	locus:unc-11 status:Partially_confirmed TR:Q95Q73 protein_id:AAK88215.1
CELE0002S00002639	6.614748	5.248275	2.578394	0.0000231	C54C8.9	CE08971	WBGene00008295	status:Partially_confirmed TR:O17707 protein_id:CAB05463.1
CELE0002S00003448	8.949875	5.54256	2.652431	0.003627069	H15N14.1g	CE33128	WBGene00000079	locus:adr-1 status:Confirmed TR:Q818Q7 protein_id:CAD60420.1
CELE0002S00003474	9.910971	8.903994	2.009696	0.000000724	T23B3.2	CE14010	WBGene00020710	status:Confirmed TR:P91491 protein_id:AAB42333.1
CELE0002S00003511	9.232051	8.19174	2.056671	0.000263088	R11A5.4b.2			
CELE0002S00003682	7.014565	5.999321	2.021245	0.0188495	F37B1.2	CE09989	WBGene00001760	locus:gst-12 glutathione S-transferase status:Partially_confirmed TR:Q83695 protein_id:CAB02288.1
CELE0002S00003728	6.916508	5.752155	2.241327	0.03706641	F53C3.13b.1	CE31953	WBGene00018756	F53C3.13 TR:
CELE0002S00004205	9.295981	8.178159	2.170191	0.007453708	K07E8.3	CE29512	WBGene00019495	status:Confirmed TR:O18889 protein_id:AAB66149.2
CELE0002S00004284	8.15879	8.139507	2.026911	0.008839214	F07A11.6c	CE32619	WBGene00008549	locus:dm-1 status:Partially_confirmed TR:Q810K1 protein_id:CAD57718.1
CELE0002S00004340	6.38387	5.34871	2.049341	0.03181858	F33H12.6	CE17043	WBGene00018020	status:Partially_confirmed TR:O44843 protein_id:AAB95006.1
CELE0002S00004341	8.736857	7.579135	2.231049	0.000331579	F01D5.3	CE18561	WBGene00008494	status:Partially_confirmed TR:Q9XVB4 protein_id:CAB04036.1
CELE0002S00004368	7.18087	6.027676	2.193438	0.001153013	B0286.4c.2	CE29538	WBGene00003825	ntl-2 TR:Q95QZ3
CELE0002S00004655	11.88827	10.753715	2.195508	0.000509097	Y53F4A.2	CE22382	WBGene00013148	status:Partially_confirmed TR:Q9NAC9 protein_id:CAB54462.1
CELE0002S00004720	8.455064	7.039771	2.867139	0.0000151	K08F8.1b.2	CE32906	WBGene00010681	K08F8.1 TR:Q8I117
CELE0002S00004879	7.229716	5.948568	2.430323	0.02605789	C01F1.3	CE06744	WBGene00015298	status:Partially_confirmed TR:Q17556 protein_id:AAB00715.1
CELE0002S00004987	7.006191	5.973396	2.045984	0.04771491	Y49F6B.5	CE25339	WBGene00021717	status:Predicted TR:Q9N4U8 protein_id:AAF80732.1
CELE0002S00005088	8.488143	7.434171	2.076238	0.007063487	F46C5.4	CE03346	WBGene00009780	status:Predicted SW:P52882 protein_id:CAA91046.1
CELE0002S00005150	7.356729	6.154516	2.300923	0.02992861	C07E3.10	CE15807	WBGene00007420	status:Confirmed TR:O17679 protein_id:CAA90101.1
CELE0002S00005197	8.523138	7.409799	2.163455	0.0001314901	T19D12.4b	CE33457	WBGene00020579	status:Partially_confirmed TR:Q88ND7 protein_id:AAO38597.1
CELE0002S00005294	9.177256	7.611947	2.959409	0.0000013	C04G8.5	CE08786	WBGene00015455	salt-stress induced peptide status:Confirmed SW:Q17838 protein_id:AAA98012.1
CELE0002S00005412	7.980168	6.889747	2.100046	0.01822265	C01G6.1b.1	CE19684	WBGene00000170	aqp-2 TR:Q7JMQ8
CELE0002S00005413	6.393861	7.24118	2.222958	0.005835416	C01G6.1b.2	CE19684	WBGene00000170	aqp-2 TR:Q7JMQ8
CELE0002S00005464	10.421491	9.416797	2.008518	0.005728906	ZK1320.2	CE01700	WBGene00014252	status:Confirmed SW:Q09364 protein_id:CAA87040.1
CELE0002S00005467	8.382393	7.185568	2.292346	0.009808473	Y38E10A.5	CE28701	WBGene00012583	status:Partially_confirmed TR:Q9NAK5 protein_id:CAB54396.2
CELE0002S00005495	8.044856	6.376832	3.17779	0.0000543	R05F9.8	CE04811	WBGene00003431	locus:mnp-33 major sperm protein status:Confirmed SW:P53019 protein_id:AAA83165.1
CELE0002S00005764	9.079026	8.040961	2.053472	0.0000661	Y57A10A.26	CE22631	WBGene00013266	status:Partially_confirmed TR:Q9NA74 protein_id:CAB55031.1
CELE0002S00005790	9.491144	8.110745	2.630404	0.000000295	K01A2.3	CE29422	WBGene00019278	status:Partially_confirmed TR:Q7KNR0 protein_id:AAR12969.2
CELE0002S00005870	7.338901	6.329098	2.013636	0.03306876	Y38F1A.5.1	CE21610	WBGene00000870	cyd-1 TR:Q9U2M5
CELE0002S00006061	8.045122	7.014912	2.042322	0.000519125	Y38F1A.9	CE21614	WBGene00003860	locus:coig-2 status:Partially_confirmed TR:Q9XWM1 protein_id:CAA21634.1
CELE0002S00006134	8.850151	5.753933	2.137935	0.001207506	F19H8.2	CE15871	WBGene00008963	status:Partially_confirmed TR:O45378 protein_id:CAB07582.1
CELE0002S00006277	6.284858	5.28411	2.001034	0.01492512	Y1H11.2	CE32748	WBGene00001783	locus:gst-35 glutathione S-transferase status:Confirmed TR:Q8T7Z3 protein_id:AAM19064.2
CELE0002S00006440	9.246489	8.233884	2.017523	0.0000664	Y53F4B.33	CE22420	WBGene00001787	locus:gst-39 glutathione S-transferase status:Partially_confirmed TR:Q9NAB0 protein_id:CAB61107.1
CELE0002S00006516	7.320608	6.30145	2.026733	0.01103156	F33H1.1b	CE28019	WBGene00000914	locus:daf-19 DNA binding transcription factor status:Partially_confirmed SW:Q09555 protein_id:CAC42295.1
CELE0002S00006646	7.361327	5.96443	2.633346	0.001749845	ZK622.3c.5	CE32290	WBGene00022781	ZK622.3 TR:Q8IFX3
CELE0002S00006676	11.544051	10.406869	2.19951	0.000184034	C09G5.4	CE01484	WBGene00000616	locus:col-39 collagen status:Confirmed SW:Q09455 protein_id:CAA86757.1
CELE0002S00006749	6.263452	5.253021	2.014513	0.01404744	F35C11.7	CE32645	WBGene00009406	status:Confirmed TR:Q814J7 protein_id:CAD67696.1
CELE0002S00006933	8.113092	7.052858	2.08527	0.000859564	F15D4.6	CE36132	WBGene00008863	status:Partially_confirmed TR:Q93514 protein_id:CAB02489.2
CELE0002S00006951	9.909911	8.539208	2.585965	0.000281488	F26G1.7	CE02699	WBGene00003424	locus:mnp-3 Major sperm protein status:Confirmed SW:Q19832 protein_id:AAK31504.1
CELE0002S00007129	7.494294	6.38818	2.1827	0.02345696	F53G2.4b	CE32674	WBGene00004129	locus:pqn-42 status:Partially_confirmed TR:Q95X79 protein_id:AAN84805.1
CELE0002S00007454	9.030736	7.939793	2.130132	0.02284076	F45E12.6	CE02742	WBGene00018476	status:Partially_confirmed TR:Q20433 protein_id:AAA68793.1
CELE0002S00007524	8.720761	7.005892	3.282668	0.0000076	F59A6.6b.2	CE33406	WBGene00004382	rmh-1 TR:Q86MP4
CELE0002S00007746	7.31185	6.255757	2.079293	0.001917808	K08F8.4	CE21050	WBGene00000240	locus:bas-2 phenylalanine-4-hydroxylase (PH4H) status:Confirmed SW:P0925 protein_id:CAA91288.1
CELE0002S00008373	7.046535	6.00246	2.062044	0.01159141	C48D5.3	CE34765	WBGene00008180	status:Predicted TR:Q7YX49 protein_id:CAE17761.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00008015	7.839576	6.729833	2.158072	0.008455832	ZK525.2	CE33909	WBGene00000179	locus:aqp-11 status:Partially_confirmed TR:Q46024 protein_id:CAB05023.2
CELE0002S00009036	8.098861	7.088648	2.042326	0.000346026	R07E5.12.1	CE03534	WBGene00011118	R07E5.12 TR:Q21833
CELE0002S00009453	7.232	5.994812	2.357388	0.009311326	R13A5.3	CE01375	WBGene00020047	status:Partially_confirmed TR:Q95Y92 protein_id:AAK84464.1
CELE0002S00009482	8.700146	7.65519	2.063303	0.01305196	T21C12.1e	CE28085	WBGene00006784	locus:unc-49 gamma-aminobutyric-acid receptor status:Partially_confirmed TR:Q9YD3 protein_id:CAC42349.1
CELE0002S00009530	7.111569	5.85852	2.383446	0.001408012	H38K22.5a.1			
CELE0002S00009531	6.645847	5.440927	2.305245	0.00000141	H38K22.5a.2			
CELE0002S00009890	8.790836	7.602022	2.279653	0.04317776	Y54F10AM.8	CE27290	WBGene00021852	Y54F10AM.8 TR:Q9BL07
CELE0002S00010271	7.867072	6.524685	2.535705	0.0000543	Y92C3B.2b.3	CE25626	WBGene00006697	uaf-1 TR:P90976
CELE0002S00010284	9.789682	8.730275	2.084075	0.000613744	T03F6.1	CE18335	WBGene00011398	AlcoholV/other dehydrogenases, short chain type status:Confirmed TR:Q9XVJ3 protein_id:CAB03278.1
CELE0002S00010334	9.953215	8.913668	2.055582	0.0000062	T27E9.2.3			
CELE0002S00010543	7.625958	6.381132	2.3899	0.000862555	C16C10.8	CE01499	WBGene00007628	cell growth regulating protein status:Confirmed SW:Q09464 protein_id:CAAB8746.1
CELE0002S00010816	7.217859	5.840192	2.598478	0.0134671	C05B5.8	CE33967	WBGene00007324	status:Confirmed SW:Q86DA7 protein_id:CAD09169.1
CELE0002S00010919	9.578975	8.465837	2.183156	0.002227069	C18D11.1	CE18512	WBGene00007679	status:Partially_confirmed TR:Q9XTZ4 protein_id:CAB07320.1
CELE0002S00011197	7.835832	6.496411	2.202621	0.02087956	W03A5.7	CE30199	WBGene00001042	locus:dri-24 status:Partially_confirmed TR:Q9TY07 protein_id:AAD31932.2
CELE0002S00011244	8.430177	7.200355	2.345381	0.004279858	F09G8.6	CE00141	WBGene00000666	locus:col-91 Cuticle collagen status:Confirmed SW:P34391 protein_id:AAA28008.1
CELE0002S00011260	8.573458	7.456738	2.168534	0.002928971	F48E8.1b.2			
CELE0002S00011286	9.405363	8.363999	2.058173	0.000000359	F42G9.9d	CE30793	WBGene00004212	locus:ptf-1 status:Confirmed TR:Q8MYP8 protein_id:AAM29666.1
CELE0002S00011729	8.766206	7.712302	2.07614	0.00048487	C08G3.11a	CE07987	WBGene00006572	locus:actin-9.1 status:Confirmed SW:Q17754 protein_id:AAB03140.1
CELE0002S00011947	7.790973	6.736822	2.076496	0.000628399	C08F11.8	CE17385	WBGene00007455	UDP-glucuronosyl and UDP-glucosyl transferases status:Partially_confirmed TR:Q9UJQ8 protein_id:CAB62783.1
CELE0002S00012007	7.578023	6.159063	2.873927	0.001920414	ZK593.3	CE06624	WBGene00014003	status:Partially_confirmed TR:Q23537 protein_id:CAA93422.1
CELE0002S00012125	7.729454	6.535935	2.287099	0.007329967	Y116A8B.1	CE16679	WBGene00013779	status:Partially_confirmed TR:Q62401 protein_id:CAA16287.1
CELE0002S00012260	9.271121	8.105850	2.242744	0.0000625	R08C7.11	CE07434	WBGene00019954	status:Predicted TR:Q21846 protein_id:AAC48079.1
CELE0002S00012427	8.128645	6.972611	2.22844	0.000398993	W08E12.4	CE21277	WBGene00021085	status:Predicted TR:Q9N2L6 protein_id:AAF39987.1
CELE0002S00012429	8.29295	7.08128	2.348387	0.02559581	W08E12.5	CE21277	WBGene00021086	status:Predicted TR:Q9N2L6 protein_id:AAF39988.1
CELE0002S00012690	7.480011	6.475543	2.006204	0.001809849	F37C4.4b.1	CE31505	WBGene00018144	F37C4.4 TR:
CELE0002S00012719	10.429798	9.268968	2.238962	0.000220224	C32H11.4	CE19711	WBGene00007867	status:Partially_confirmed TR:Q9XUH7 protein_id:CAB05131.1
CELE0002S00012820	8.201518	7.08553	2.167434	0.004341622	B0035.13	CE05168	WBGene00007112	lipase status:Confirmed TR:Q17437 protein_id:CAA97415.1
CELE0002S00012928	9.51028	8.469796	2.056918	0.001890488	ZK180.5b.1	CE31746	WBGene00022679	ZK180.5 TR:Q8MPR7
CELE0002S00013041	7.228332	6.16672	2.084371	0.008222561	R02D3.1	CE18095	WBGene00019819	dehydrogenase status:Partially_confirmed TR:Q44503 protein_id:AAB94142.1
CELE0002S00013129	9.229533	7.288463	3.839903	0.000307072	C45E5.8c.3	CE29227	WBGene00003636	rhr-46 TR:Q85QR3
CELE0002S00013131	9.692792	8.26086	2.698078	0.000209106	C45E5.8c.5	CE29227	WBGene00003636	rhr-46 TR:Q85QR3
CELE0002S00013237	10.465891	8.9638	2.83253	0.0000884	Y38C1AA.8	CE36617	WBGene00021399	status:Predicted TR:Q9N433 protein_id:AAF59484.2
CELE0002S00013277	7.208435	5.511063	3.243097	0.00000785	T13F2.10	CE09861	WBGene00003466	locus:msp-79 major sperm protein status:Confirmed SW:Q9TVW5 protein_id:CAB03361.1
CELE0002S00013296	6.528897	5.295262	2.351587	0.006055922	Y45F10A.5	CE18396	WBGene00003755	locus:nlp-17 status:Confirmed TR:Q62455 protein_id:CAA16382.1
CELE0002S00013336	9.103416	7.961057	2.207417	0.000201144	K07F5.9.2			
CELE0002S00013795	9.294282	8.010485	2.434789	0.002367901	F08G5.6	CE05576	WBGene00008584	status:Confirmed TR:Q19223 protein_id:CAA94586.1
CELE0002S00013849	8.418203	7.405433	2.017782	0.02543655	F55G11.2	CE18748	WBGene00010123	status:Partially_confirmed TR:Q9XUD8 protein_id:CAB05218.1
CELE0002S00014221	8.353771	7.345244	2.011856	0.001480152	C48G7.2	CE08778	WBGene00016722	status:Partially_confirmed TR:Q02141 protein_id:AAB52876.1
CELE0002S00014372	9.467284	8.303412	2.24058	0.00000169	F36H12.1	CE09973	WBGene00018117	status:Confirmed TR:Q76722 protein_id:AAC26928.1
CELE0002S00014391	8.12555	6.927743	2.293907	0.003137111	Y4C6B.4b	CE31740	WBGene00021158	status:Confirmed TR:Q8ITV1 protein_id:AA73292.1
CELE0002S00014472	7.9808	6.826363	2.25874	0.00044498	C39E9.2	CE05385	WBGene00008027	testis-specific protein TPX-1 like status:Partially_confirmed TR:Q18543 protein_id:CAA94335.1
CELE0002S00014476	7.813273	6.38795	2.685746	0.000433223	C39E9.4	CE05387	WBGene00008028	testis-specific protein TPX-1 like status:Partially_confirmed TR:Q18538 protein_id:CAA94330.1
CELE0002S00014700	8.454472	7.009565	2.722453	0.000218024	ZK354.11	CE02806	WBGene00003452	locus:msp-69 major sperm protein (MSP-69) status:Confirmed SW:P53017 protein_id:AAB42253.1
CELE0002S00014833	10.685184	9.62404	2.086585	0.0000204	F27C8.4	CE03269	WBGene00005003	locus:sp-18 status:Partially_confirmed TR:Q19837 protein_id:CAA92462.1
CELE0002S00015128	9.822061	8.458763	2.572726	0.00000813	K11E8.1d	CE28054	WBGene00006779	locus:unc-43 Ca2+/calmodulin-dependent protein kinase status:Confirmed TR:Q9U6Q0 protein_id:CAC42364.1
CELE0002S00015132	9.471248	8.033535	2.708911	0.0000061	K11E8.1f	CE28056	WBGene00006779	locus:unc-43 Ca2+/calmodulin-dependent protein kinase status:Confirmed TR:Q9NH57 protein_id:CAC42365.1
CELE0002S00015152	7.455654	6.166401	2.444015	0.01620903	K11E8.1m	CE35590	WBGene00006779	locus:unc-43 Ca2+/calmodulin-dependent protein kinase status:Confirmed TR:Q7JL18 protein_id:CAE46679.1
CELE0002S00015481	7.019919	6.015169	2.006596	0.000519594	C37C3.8a.4	CE08933	WBGene00016500	C37C3.8 TR:Q22915
CELE0002S00015677	9.190576	8.172667	2.024982	0.001113857	F59A7.5a	CE30810	WBGene00019092	status:Partially_confirmed TR:Q18279 protein_id:AAD34667.2
CELE0002S00015824	8.674362	7.511395	2.239175	0.002232398	C03A7.4	CE07862	WBGene00004099	locus:pgn-5 status:Partially_confirmed TR:Q18500 protein_id:AAB86001.1
CELE0002S00016024	7.8628	6.403188	2.750344	0.002027125	F07C3.7	CE32863	WBGene00000003	locus:aat-2 amino acid permease status:Confirmed TR:Q19151 protein_id:AAQ24030.2
CELE0002S00016136	6.655719	5.614811	2.057522	0.01056112	T24A8.5	CE14132	WBGene00020746	status:Predicted TR:Q181938 protein_id:AAC17793.1
CELE0002S00016143	8.139788	7.02545	2.164956	0.000000722	F07B7.4	CE26800	WBGene00001926	locus:his-52 status:Predicted
CELE0002S00016199	9.989099	8.891688	2.139704	0.001891153	Y43F8C.2	CE21900	WBGene00003764	locus:nlp-26 status:Confirmed TR:Q9XWN4 protein_id:CAA21617.1
CELE0002S00016204	9.767377	8.385932	2.605292	0.0000716	H12D21.1	CE15223	WBGene00010377	status:Predicted TR:Q23303 protein_id:CAB07428.1
CELE0002S00016296	7.078964	5.879438	2.298642	0.01137811	C04E12.9	CE16822	WBGene00015438	status:Predicted TR:Q78681 protein_id:AAC27086.1
CELE0002S00016514	7.45935	6.43221	2.03798	0.01495391	T08E4.12	CE37848	WBGene00044011	status:Partially_confirmed

SEQ_ID	control	Expose	FoldChange	pvalue	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00016550	7.578372	6.433394	2.211428	0.00033318	F14F9.6	CE36823	WBGene00017489	status:Predicted TR:Q9GUC4 protein_id:AAF98618.3
CELE0002S00016583	6.232065	4.986005	2.371928	0.001042048	F54B8.4	CE18106	WBGene00010019	status:Partially_confirmed TR:O45562 protein_id:CAB07828.1
CELE0002S00016617	8.200232	7.138302	2.087723	0.000385769	F45F2.2	CE36851	WBGene00001913	locus:his-39 histone H4 status:Predicted TR:Q22979 protein_id:AAC48034.2
CELE0002S00016714	6.411305	5.359267	2.073457	0.01530439	R07B7.11	CE06273	WBGene00011095	alpha-N-acetylgalactosaminidase status:Confirmed TR:Q21801 protein_id:CAB00120.1
CELE0002S00016740	10.289106	9.022086	2.406639	0.0000332	ZC443.4.1			
CELE0002S00016848	7.878035	6.66039	2.325668	0.0000828	K06C4.4	CE10538	WBGene00001894	locus:his-20 histone H2B status:Predicted SW:Q27894 protein_id:AAF98225.1
CELE0002S00016867	8.282197	7.270045	2.016917	0.009650801	Y50D4C.6	CE31120	WBGene00021750	status:Partially_confirmed TR:Q8IAA1 protein_id:AAH73848.1
CELE0002S00017169	6.75493	5.462414	2.449549	0.00099111	C55A8.4	CE09001	WBGene00008333	alcohol dehydrogenase status:Partially_confirmed TR:P90779 protein_id:CAB02884.1
CELE0002S00017527	8.353228	6.789522	2.956122	0.0000182	R9D.2	CE06326	WBGene00011284	Trenathretin-like family status:Confirmed TR:Q22032 protein_id:CAA99910.1
CELE0002S00017580	8.379524	7.007453	2.588419	0.03071678	C09H5.2a	CE24797	WBGene00015660	ATPase status:Partially_confirmed TR:O18331 protein_id:AAB65385.2
CELE0002S00017854	10.471228	9.263491	2.30975	0.00000164	F16B4.4.1	CE17014	WBGene00017508	F16B4.4 TR:O44632
CELE0002S00017855	10.709021	9.508269	2.298595	0.000219395	F16B4.4.2	CE17014	WBGene00017508	F16B4.4 TR:O44632
CELE0002S00017915	9.955231	8.760463	2.28908	0.0000429	ZC412.7	CE15223	WBGene00013888	status:Predicted TR:Q23303 protein_id:CAB01526.1
CELE0002S00018005	11.574238	10.56158	2.017853	0.009182456	B0024.1	CE05146	WBGene00000722	locus:col-149 collagen status:Confirmed TR:Q17417 protein_id:CAA94874.1
CELE0002S00018484	9.584985	8.485882	2.142215	0.0000785	R09B5.3.2	CE12622	WBGene00000556	cnc-2 TR:O44611
CELE0002S00018552	10.728966	8.808863	3.784501	0.000076	Y47D7A.13.1	CE22060	WBGene00021625	Y47D7A.13 TR:Q9N3U2
CELE0002S00018677	8.757077	7.680754	2.108655	0.008907776	T01D3.6b	CE18164	WBGene00011330	EGF-like domain, Fibrinogen beta and gamma chains, C-terminal globular domain status:Confirmed TR:O02364 protein_id:CAB03263.1
CELE0002S00018742	7.833921	6.774642	2.08389	0.00000388	K06C4.12	CE10538	WBGene00001896	locus:his-22 histone H2B status:Predicted SW:Q27894 protein_id:AAF98230.1
CELE0002S00018956	8.249852	7.242736	2.009611	0.01796433	Y51A2D.19b	CE30365	WBGene00004830	locus:slo-1 status:Confirmed SW:Q95V25 protein_id:CAD27617.1
CELE0002S00019306	10.088473	9.088621	2.027711	0.00014402	T01C3.7.3	CE12920	WBGene00001423	fib-1 TR:Q22053
CELE0002S00019314	6.723268	5.446107	2.423616	0.000679642	F23H12.1	CE27756	WBGene00004898	locus:snb-2 synaptobrevin like status:Confirmed TR:Q19767 protein_id:CAA98946.2
CELE0002S00019509	6.932558	5.457448	2.780052	0.01414971	Y60A3A.21	CE32027	WBGene00013366	status:Confirmed TR:Q814C1 protein_id:CAD54173.1
CELE0002S00019685	8.485374	7.299815	2.274515	0.000226452	F39G3.5a	CE10120	WBGene00018210	status:Confirmed TR:O16271 protein_id:AAB65330.1
CELE0002S00019869	7.812787	6.788757	2.036413	0.003632125	ZK1055.7	CE18476	WBGene00022848	status:Partially_confirmed TR:O76449 protein_id:AAC19265.1
CELE0002S00020157	11.384969	10.28968	2.136569	0.000000059	C24B9.9.1	CE17451	WBGene00016052	dod-3 TR:O76438
CELE0002S00020158	11.281176	10.094193	2.276761	0.000000328	C24B9.9.2	CE17451	WBGene00016052	dod-3 TR:O76438
CELE0002S00020162	11.285165	10.230922	2.076628	0.00000123	C24B9.9.4	CE17451	WBGene00016052	dod-3 TR:O76438
CELE0002S00020233	8.224728	6.506731	3.289793	0.00000582	K02E2.4	CE18839	WBGene00002118	locus:ins-35 status:Confirmed TR:Q9XUV3 protein_id:CAB04546.1
CELE0002S00020250	7.579198	6.28923	2.445226	0.0000245	C18C4.10b.3	CE32802	WBGene00002215	klc-2 TR:P48822
CELE0002S00020258	7.875621	6.853248	2.031257	0.000196389	Y43F8A.1	CE21880	WBGene00012808	status:Predicted TR:Q9XWL6 protein_id:CAA21640.1
CELE0002S00020342	8.853484	7.07228	3.437177	0.000382402	F59A1.10	CE18794	WBGene00010296	status:Partially_confirmed TR:Q9XUW0 protein_id:CABD4533.1
CELE0002S00020401	12.177422	11.00856	2.251462	0.000672753	C02E7.7	CE07644	WBGene00015340	status:Confirmed TR:O18427 protein_id:AAC24166.1
CELE0002S00020505	7.253871	5.828653	2.689276	3.63E-08	F07B7.11	CE26800	WBGene00001928	locus:his-54 status:Predicted
CELE0002S00020635	7.134945	5.871473	2.400728	0.000132378	C25E10.9b.1	CE32805	WBGene00023417	isl-2 TR:Q817M1
CELE0002S00020637	7.054822	5.680585	2.628495	0.000456344	C25E10.9b.3	CE32805	WBGene00023417	isl-2 TR:Q817M1
CELE0002S00020725	6.360278	4.997904	2.625103	0.009881677	Y49G5A.1	CE22273	WBGene00021731	trypsin inhibitor status:Partially_confirmed TR:Q9UAAZ protein_id:AAD14760.1
CELE0002S00020755	7.130412	5.751569	2.600543	0.000679344	B0348.2	CE32297	WBGene00015152	status:Predicted TR:O61958 protein_id:AAC17809.2
CELE0002S00020768	7.785657	6.713045	2.103238	0.01153591	C25D7.15	CE34708	WBGene00007722	status:Predicted TR:Q7YX91 protein_id:CAE17687.1
CELE0002S00020861	6.692254	5.098159	3.019051	0.01641596	F15H10.1.2	CE05638	WBGene00000801	col-12 TR:P20830
CELE0002S00021000	7.317852	6.254856	2.089266	0.0000773	F09B9.3	CE23635	WBGene00001331	locus:erd-2 ER lumen protein retaining receptor status:Confirmed SW:P48583 protein_id:CAA90056.2
CELE0002S00021031	8.568259	7.377267	2.283097	0.01619556	C18B2.5a	CE04044	WBGene00015956	status:Confirmed TR:Q18078 protein_id:AAK39176.1
CELE0002S00021271	10.037484	8.924773	2.162486	0.003982412	F40F4.8	CE04536	WBGene00018237	EGF-like repeats status:Partially_confirmed TR:Q20219 protein_id:AAA81430.1
CELE0002S00021402	10.598294	9.421817	2.25711	0.000614061	F22H10.3.5			
CELE0002S00021434	8.656923	7.557575	2.142578	0.0000272	F23D12.6	CE32388	WBGene00009080	status:Partially_confirmed TR:Q814K7 protein_id:CAD56578.1
CELE0002S00021435	9.889752	8.822899	2.094859	0.00000554	F23D12.7	CE34828	WBGene00009091	status:Predicted TR:Q7YSL5 protein_id:CAE18039.1
CELE0002S00021446	7.409653	6.049504	2.567117	0.000905539	C18A11.1	CE04032	WBGene00015947	status:Confirmed TR:Q18070 protein_id:AAC69005.1
CELE0002S00021765	10.460453	9.42295	2.052672	0.001067205	F22H10.3.14			
CELE0002S00021881	9.291299	8.002824	2.443036	0.0000915	F07G6.5	CE07038	WBGene00017224	status:Predicted TR:Q19167 protein_id:AAA96070.1
CELE0002S00021917	9.282978	7.956318	2.508213	0.000169979	W04G3.3	CE31627	WBGene00012257	status:Confirmed TR:Q23184 protein_id:CAA92025.2
CELE0002S00022062	8.619923	7.609175	2.014958	0.02061813	M02E1.3	CE37132	WBGene00023458	status:Confirmed TR:Q8A6X0 protein_id:AAH92070.1
CELE0002S00022079	10.326358	9.198275	2.185681	0.000111132	M02F4.7.2			
CELE0002S00022138	7.791461	6.861085	2.189158	0.002280249	T13G4.7	CE25995	WBGene00020494	status:Predicted TR:Q988F2 protein_id:AAK84576.1
CELE0002S00022202	8.923363	7.72812	2.219987	0.000238449	C49F5.7.1	CE31455	WBGene00008211	C49F5.7 TR:O17685
CELE0002S00022242	7.420401	6.033649	2.614893	0.000854293	C53C11.2	CE04265	WBGene00016900	status:Partially_confirmed TR:P91185 protein_id:AAB42307.1
CELE0002S00022326	9.094631	8.083994	2.014801	0.004607388	C10E2.6	CE29573	WBGene00015676	sugar transporter status:Confirmed TR:O17328 protein_id:AAB71245.2
CELE0002S00022333	9.988102	8.748805	2.328332	0.0000312	F22F1.1.2			
CELE0002S00022513	7.494888	6.404344	2.129543	0.009612305	M153.1	CE03511	WBGene00010924	pyrroline-5'-carboxylate reductase status:Confirmed TR:Q21544 protein_id:CAA91943.1

SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00022519	8.632327	7.394273	2.358801	0.0000645	F41E7.4	CE03304	WBGene00009620	status:Confirmed TR:Q20276 protein_id:CAA92127.1
CELE0002S00022601	9.575167	8.325067	2.378579	0.000775873	Y34B4A.9	CE27401	WBGene00021325	status:Confirmed TR:Q95Y28 protein_id:AAK84803.1
CELE0002S00022674	9.639573	8.519885	2.173	0.00314078	B0294.1	CE19656	WBGene00015117	status:Partially_confirmed TR:Q9TXP8 protein_id:AAC84978.1
CELE0002S00022681	7.481051	6.303414	2.28208	0.01187103	F49E7.1b	CE26488	WBGene00018633	status:Confirmed TR:Q8MNR6 protein_id:AAM34393.1
CELE0002S00022792	9.280948	7.798404	2.755939	0.04305508	F46C8.6	CE04580	WBGene00001069	locus:dpy-7 cuticle collagen status:Confirmed SW:F34688 protein_id:AAF99344.1
CELE0002S00022808	9.969935	8.708427	2.397462	2.85E-08	C18A11.7b.1	CE04038	WBGene00001000	din-1 TR:Q18066
CELE0002S00022978	10.020075	8.88025	2.203543	0.00000568	EGAP7.1	CE07013	WBGene00001065	locus:dpy-3 cuticular collagen status:Confirmed TR:Q19079 protein_id:AAB00598.1
CELE0002S00023028	9.945287	8.85904	2.12321	0.000154498	F29G6.3c.1	CE38484	WBGene00009259	F29G6.3 TR:Q6A2D2
CELE0002S00023086	7.051621	5.78755	2.401725	0.000217416	F35H12.6	CE30973	WBGene00018078	status:Confirmed TR:Q8MQ59 protein_id:AAM54184.1
CELE0002S00023169	7.714958	6.650905	2.090797	0.000495459	K08Q5.1a	CE18851	WBGene00010605	status:Confirmed TR:Q9XUT9 protein_id:CAB04581.1
CELE0002S00023633	6.947317	5.814776	2.192446	0.004689375	C26B9.7	CE27733	WBGene00016136	status:Confirmed TR:Q95QU8 protein_id:AAK68204.1
CELE0002S00023711	10.587	9.546975	2.058263	0.0000722	M60.4a	CE34063	WBGene00019780	status:Confirmed TR:Q7Z2A7 protein_id:AAP40520.1
CELE0002S00023733	9.471964	8.42432	2.087151	0.03682135	W04G3.8.1	CE19004	WBGene00012261	W04G3.8 TR:Q93200
CELE0002S00023857	8.219353	7.077369	2.208843	0.00059795	F55F3.1	CE18744	WBGene00010115	status:Confirmed TR:Q9XUY2 protein_id:CAB04480.1
CELE0002S00024022	8.285396	6.920427	2.575708	0.000229849	Y16B4A.2	CE21374	WBGene00012445	serine carboxypeptidase status:Partially_confirmed TR:Q17679 protein_id:CAA19443.1
CELE0002S00024045	9.477855	8.364947	2.162812	0.000828192	C18B2.3	CE27077	WBGene00015954	status:Partially_confirmed TR:Q18074 protein_id:AAK39177.1
CELE0002S00024074	7.901284	6.676112	2.337833	0.005907205	W10G8.3	CE18354	WBGene00003485	locus:mua-6 intermediate filament protein status:Confirmed SW:O02365 protein_id:CAB03486.1
CELE0002S00024092	8.93833	7.831182	2.154194	0.0000118	F35A5.2	CE04486	WBGene00018025	status:Partially_confirmed TR:Q20006 protein_id:AAB52642.1
CELE0002S00024191	11.592853	10.53905	2.075995	0.01888958	C03G5.7	CE08760	WBGene00001448	locus:flip-5 status:Confirmed TR:O61466 protein_id:AAK68683.1
CELE0002S00024217	12.431096	10.842447	3.007678	0.00000267	ZC373.7	CE02380	WBGene00000749	locus:col-176 cuticular collagen status:Confirmed TR:Q23263 protein_id:CAA88979.1
CELE0002S00024678	6.689857	5.652721	2.05215	0.0165529	chrIII_5414790-5416290			
CELE0002S00025325	10.814085	9.721782	2.132141	0.001180214	chrX_11484471-11485971			

4.0倍以上8.0倍未満(Exposure)

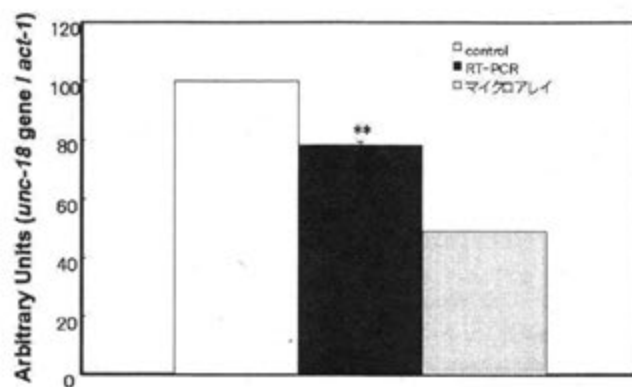
SEQ_ID	control	Exposure	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00005748	7.360091	9.512725	4.446388	0.000920853	T16A1.5	CE32723	WBGene00020538	status:Predicted TRP91445 protein_id:AAB37873.2
CELE0002S00009481	6.979366	9.323035	5.075919	0.000895593	F11H8.3	CE04376	WBGene00000597	locus:col-8 status:Confirmed SWP18833 protein_id:AAA81159.1
CELE0002S00023343	9.431109	12.018333	6.009413	0.0000565	K09F5.2	CE04746	WBGene00006925	locus:vit-1 vit-1 status:Partially_confirmed SWP55155 protein_id:AAB52675.1

4.0倍以上8.0倍未満(control増)

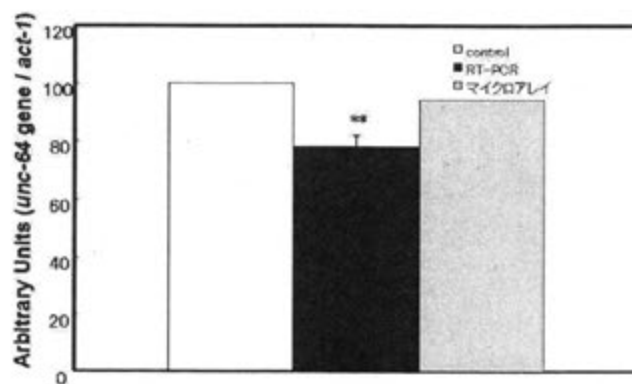
SEQ_ID	control	Expose	FoldChange	p.value	GENE_NAME	WB_Wormpep_ID	WB_Gene_ID	DESCRIPTIONS
CELE0002S00023922	7.49312	5.384157	4.313811	1.25E-06	K10B3.1a	CE07384	WBGene00019609	status:Partially_confirmed TR:Q21411 protein_id:AAB53870.1

primers	cosmid	DD	RT-PCR	microarray	gene
transcription					
T11A/AP5	H14A12	4.2 ↑	1.4 ↑	1.2 ↑	<i>fum-1</i>
T11C/AP3	F43D2	18.8 ↑	2.0 ↑	1.2 ↑	<i>F43D2.2</i>
T11G/AP7	C54G10	3.3 ↑	1.6 ↑	1.3 ↑	<i>rft-1</i>
T11C/AP5	Y47G6A	35.7 ↓	3.9 ↓	1.4 ↑	<i>cm-1</i>
T11G/AP3	F08G2	1.9 ↓	1.9 ↓	1.2 ↑	<i>F08G2.4</i>
T11G/AP7	C05G5	12.5 ↓	2.6 ↓	—	<i>C05G5.3</i>
T11G/AP7	F47A4	43.4 ↓	2.5 ↓	1.2 ↓	<i>dpy-22</i>
cuticle or constrictor					
T11C/AP5	E03G2	1.4 ↓	1.4 ↓	1.4 ↓	<i>mec-5</i>
T11G/AP7	C36E8	100 ↑	1.7 ↑	1.2 ↑	<i>mle-2</i>
T11G/AP5	W02A2	11.2 ↓	3.4 ↓	1.2 ↓	<i>fat-2</i>
apoptosis					
T11C/AP4	F57B10	10.8 ↓	2.4 ↓	—	<i>bag-1</i>
T11C/AP8	Y73B6BL	4.1 ↓	2.1 ↓	1.1 ↓	<i>csp-2</i>
modification, metabolism, etc.					
T11G/AP7	D1007	2.9 ↑	1.2 ↑	1.1 ↓	<i>rps-10</i>
T11C/AP1	K01G5	4.4 ↑	1.8 ↑	1.1 ↑	<i>ran-1</i>
T11G/AP4	Y71F9AM	1.2 ↓	1.2 ↓	1.1 ↓	<i>nxt-1</i>
T11C/AP8	T22C1	100 ↓	4.8 ↓	—	<i>T22C1.5</i>
T11G/AP4	Y39G10A	1.2 ↑	4.7 ↑	1.2 ↑	<i>Y39G10A</i>
T11G/AP5	R57	100 ↑	3.8 ↑	1.8 ↓	<i>R57</i>
T11G/AP8	Y67D8A	1.8 ↑	1.2 ↑	2.0 ↑	<i>Y67D8A</i>
T11G/AP7	C07A12	2.2 ↑	1.2 ↑	1.3 ↓	<i>pd-2</i>
T11C/AP8	ZK455	5.9 ↓	1.7 ↓	—	<i>goi-22</i>

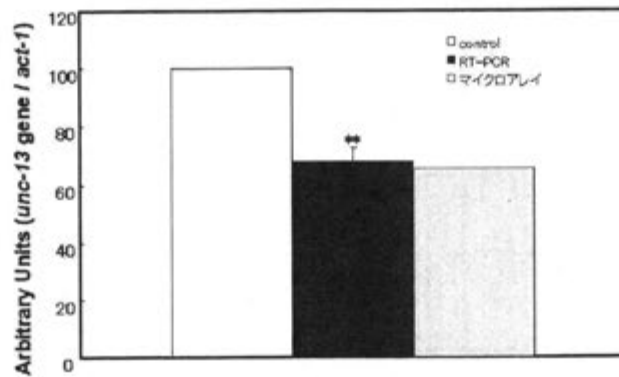
	gene	microarray	RT-PCR	T-TEST
CaM ↓ CREB	<i>ckk-1</i>	1.17 ↑	1.54 ↓	P<0.1 N=4
	<i>cmk-1</i>	1.31 ↓	1.03 ↓	P>0.1 N=4
	<i>crh-1</i>	1.36 ↓	1.25 ↓	P<0.1 N=4
CaM-KII	<i>unc-43</i>	2.70 ↓	2.35 ↓	P<0.001 N=4
Calcineurin	<i>cnb-1</i>	1.25 ↓	1.46 ↓	P<0.01 N=4
	<i>tax-6</i>	1.13 ↓	1.85 ↓	P<0.01 N=4
Ca ²⁺ release	<i>itr-1</i>	1.34 ↓	1.47 ↓	P<0.01 N=4
	<i>unc-68</i>	1.33 ↓	ND	



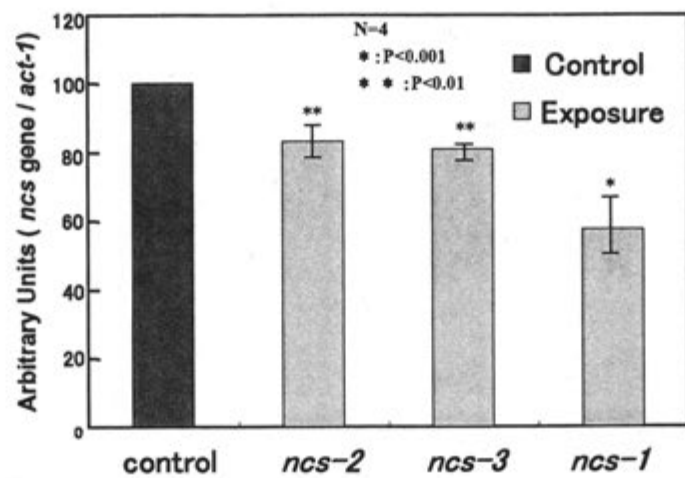
(a) Expression of *unc-18* mRNA (**:P<0.01 N=4)

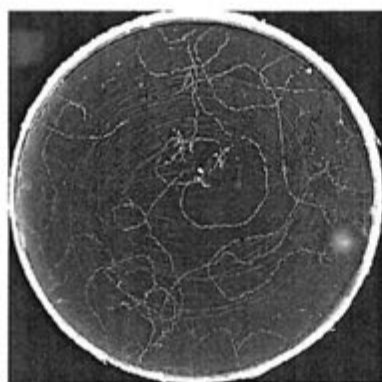
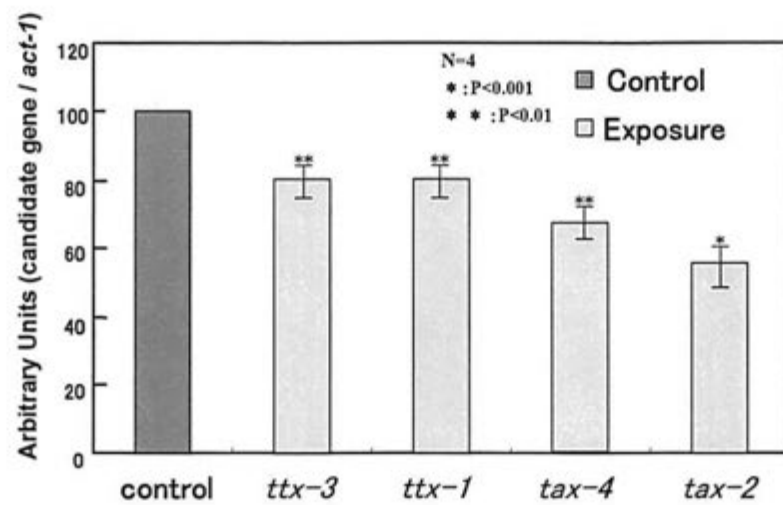


(b) Expression of *unc-64* mRNA (**:P<0.01 N=4)

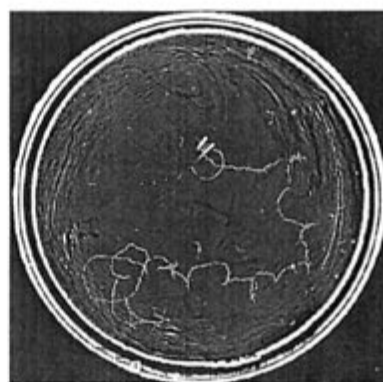


(c) Expression of *unc-13* mRNA (**P<0.01 N=4)





Control



Exposure