

Supplementary Table S2: Genes with changed expression in *lin-54(n2290)* embryo

ID	WormBaseID	Chr	Symbol	logFC	P.Value	adj.P.Val
183470_at	WBGene00000214	V	asp-1	-2.40	0.01	0.12
173036_s_at	WBGene00000219	V	asp-6	-2.26	0.00	0.10
175115_at	WBGene00022024	X	Y64H9A.2	-2.24	0.01	0.12
190139_s_at	WBGene00008477	I	clec-17	-1.90	0.00	0.09
174352_s_at	WBGene00000218	V	asp-5	-1.81	0.01	0.11
178723_at	WBGene00010049	II	F54D5.3	-1.77	0.01	0.12
173412_s_at	WBGene00013077	V	ttr-24	-1.71	0.01	0.12
186492_s_at	WBGene00017500	V	F15E11.14	-1.70	0.00	0.08
188035_at	WBGene00001990	I	hot-5	-1.62	0.01	0.12
172218_x_at	WBGene00011869	III	dod-6	-1.59	0.01	0.12
186138_s_at	WBGene00020242	V	phat-5	-1.55	0.01	0.12
178724_s_at	WBGene00010049	II	F54D5.3	-1.53	0.01	0.12
187084_at	WBGene00001758	V	gst-10	-1.53	0.00	0.10
190978_at	WBGene00010790	V	sodh-1	-1.52	0.00	0.11
173989_s_at	WBGene00000219	V	asp-6	-1.50	0.00	0.10
175171_at	WBGene00022100	IV	Y69A2AR.31	-1.49	0.00	0.04
181531_s_at	WBGene00008932	II	F18A11.5	-1.48	0.01	0.12
174508_s_at	WBGene00010673	IV	K08E7.5	-1.47	0.01	0.12
184091_at	WBGene00001719	V	grl-10	-1.47	0.01	0.12
174646_at	WBGene00001410	III	feh-1	-1.46	0.00	0.11
188037_at	WBGene00006952	X	wrt-6	-1.45	0.01	0.12
176396_s_at	WBGene00002978	I	lev-11	-1.45	0.01	0.12
174684_s_at	WBGene00020576	II	T19D12.1	-1.43	0.01	0.12
184268_s_at	WBGene00016733	I	phat-2	-1.42	0.01	0.11
187085_s_at	WBGene00001758	V	gst-10	-1.40	0.00	0.11
174071_at	WBGene00004174	II	pqn-95	-1.40	0.01	0.12
172962_at	WBGene00001681	X	gpc-1	-1.38	0.00	0.10
172753_x_at	WBGene00000727	V	col-154	-1.36	0.01	0.12
179335_at	WBGene00010673	IV	K08E7.5	-1.36	0.01	0.12
176202_at	WBGene00022100	IV	Y69A2AR.31	-1.35	0.00	0.01
193561_at	WBGene00001444	IV	flp-1	-1.35	0.01	0.12
184415_at	WBGene00019887	V	R05D8.11	-1.35	0.01	0.11
191753_at	WBGene00010070	II	F54F11.2	-1.34	0.00	0.11
183147_at	WBGene00015546	X	C06G1.2	-1.30	0.00	0.11
177368_at	WBGene00019779	X	M60.2	-1.29	0.01	0.11
179437_s_at	WBGene00004156	IV	pqn-74	-1.29	0.01	0.12
182989_at	WBGene00003090	V	lys-1	-1.29	0.01	0.11
182919_at	WBGene00019097	V	F59B1.2	-1.27	0.00	0.10
177401_at	WBGene00010268	II	F58G1.6	-1.25	0.00	0.10
188390_at	WBGene00004225	I	ptr-11	-1.25	0.00	0.10
171853_x_at	WBGene00009259	X	F29G6.3	-1.24	0.00	0.11
187260_s_at	WBGene00014252	II	ZK1320.2	-1.23	0.00	0.10
173626_s_at	WBGene00009259	X	F29G6.3	-1.22	0.01	0.11
174166_at	WBGene00002266	II	lec-3	-1.22	0.01	0.13
178343_s_at	WBGene00010267	II	lips-9	-1.22	0.01	0.12
185183_s_at	WBGene00020678	IV	T22B11.4	-1.21	0.01	0.13
173551_at	WBGene00017980	I	F32B5.7	-1.20	0.00	0.09
192256_at	WBGene00016134	X	C26B9.5	-1.20	0.01	0.13
173919_s_at	WBGene00008341	V	ttr-44	-1.20	0.00	0.10
182573_at	WBGene00020237	V	phat-4	-1.19	0.00	0.10
187353_s_at	WBGene00004210	II	ptc-3	-1.18	0.01	0.12
189387_at	WBGene00000692	IV	col-118	-1.18	0.01	0.12
193569_at	WBGene00004207	II	ptb-1	-1.17	0.01	0.12
173482_s_at	WBGene00000034	II	abu-11	-1.16	0.00	0.10
180227_at	WBGene00009032	V	F21H7.10	-1.16	0.01	0.12
190244_s_at	WBGene00001189	IV	egl-21	-1.15	0.01	0.12
189026_s_at	WBGene00009306	I	F32A7.5	-1.15	0.01	0.11
175562_s_at	WBGene00002190	X	kin-2	-1.14	0.01	0.12
183550_at	WBGene00016721	IV	C46G7.1	-1.14	0.01	0.12
174378_at	WBGene00020281	I	carboxypeptidase	-1.13	0.00	0.07
172385_x_at	WBGene00018298	II	F41G3.1	-1.13	0.01	0.12
174191_at	WBGene00009886	X	F49E2.2	-1.13	0.01	0.12
178934_at	WBGene00003746	I	nlp-8	-1.12	0.01	0.12
192555_s_at	WBGene00006915	II	vha-6	-1.12	0.00	0.11
172974_s_at	WBGene00017591	IV	F19C7.1	-1.12	0.00	0.11
182743_at	WBGene00012942	III	Y47D3B.6	-1.11	0.01	0.12
177004_s_at	WBGene00021879	IV	clec-83	-1.11	0.01	0.12
190858_s_at	WBGene00010811	III	hmit-1.3	-1.10	0.00	0.10
194006_at	WBGene00006762	III	unc-25	-1.09	0.01	0.12
172070_x_at	WBGene00019435	X	K06A9.1	-1.09	0.00	0.10
185643_s_at	WBGene00006587	X	tnt-2	-1.09	0.01	0.11

179730_at	WBGene00017591	IV	F19C7.1	-1.09	0.01	0.12
187644_at	WBGene00016631	II	C44B7.11	-1.08	0.01	0.12
184427_s_at	WBGene00020732	X	T23E7.2	-1.08	0.01	0.12
185238_at	WBGene00013457	IV	Y67A10A.8	-1.07	0.00	0.11
175298_s_at	WBGene00044049	II	sfxn-5	-1.07	0.01	0.12
182808_s_at	WBGene00010086	IV	F55B11.4	-1.07	0.00	0.10
192033_s_at	WBGene00007041	II	tag-180	-1.06	0.00	0.11
175561_s_at	WBGene00006780	IV	unc-44	-1.05	0.01	0.12
184777_s_at	WBGene00019435	X	K06A9.1	-1.05	0.00	0.10
180760_at	WBGene00017149	X	EGAP4.1	-1.05	0.00	0.10
191691_at	WBGene00008040	III	ttr-5	-1.05	0.01	0.12
172958_s_at	WBGene00008741	II	F13D12.6	-1.04	0.00	0.10
184600_s_at	WBGene00015280	IV	C01B10.6	-1.04	0.00	0.08
189041_s_at	WBGene00004000	X	pgp-6	-1.04	0.00	0.05
174094_at	WBGene00004736	III	sca-1	-1.04	0.00	0.11
194260_x_at	WBGene00022151	I	Y71G12B.11	-1.03	0.01	0.12
179401_at	WBGene00014039	X	ZK662.2	-1.03	0.01	0.12
172879_x_at	WBGene00000602	V	col-13	-1.02	0.01	0.12
193822_at	WBGene00020576	II	T19D12.1	-1.02	0.00	0.09
189847_at	WBGene00020017	V	R12A1.3	-1.01	0.00	0.11
184497_at	WBGene00003097	II	lys-8	-1.01	0.01	0.12
184679_at	WBGene00013456	IV	Y67A10A.7	-0.98	0.01	0.12
183594_at	WBGene00016216	III	C29F9.1	-0.97	0.00	0.10
182491_at	WBGene00009995	V	F53F4.13	-0.97	0.01	0.12
188908_s_at	WBGene00001403	IV	fibrulin-1D	-0.97	0.01	0.12
186360_at	WBGene00019480	V	K07C11.8	-0.97	0.01	0.12
192199_at	WBGene000008711	IV	F11E6.8	-0.96	0.01	0.12
180340_at	WBGene00003859	III	oig-1	-0.96	0.00	0.11
189600_at	WBGene00000664	III	col-89	-0.96	0.01	0.12
177868_s_at	WBGene00012134	IV	T28F3.8	-0.96	0.00	0.09
180841_at	WBGene00007868	IV	C32H11.5	-0.96	0.01	0.11
179424_at	WBGene00005003	IV	spp-18	-0.95	0.00	0.09
173431_at	WBGene00001172	V	egl-3	-0.95	0.00	0.10
189114_at	WBGene00016415	II	C34F11.3	-0.95	0.01	0.12
183963_at	WBGene00016217	III	C29F9.2	-0.95	0.01	0.12
191633_s_at	WBGene00000068	III	acy-1	-0.95	0.01	0.12
187428_at	WBGene00020803	II	T25E4.1	-0.95	0.00	0.11
190301_s_at	WBGene00000136	X	amt-4	-0.95	0.00	0.08
183320_at	WBGene00018470	IV	F45E4.5	-0.95	0.00	0.11
173811_at	WBGene00010012	V	F53H10.2	-0.94	0.00	0.10
186801_s_at	WBGene00018461	II	F45D11.16	-0.94	0.00	0.08
172248_x_at	WBGene00011870	III	T20G5.8	-0.93	0.00	0.07
184254_at	WBGene00016731	I	C46H11.7	-0.93	0.01	0.13
193564_s_at	WBGene00006921	X	vha-12	-0.92	0.01	0.12
174366_s_at	WBGene00021950	IV	cutl-26	-0.92	0.01	0.12
190619_at	WBGene00007605	V	C15C8.3	-0.92	0.00	0.10
182942_at	WBGene00014207	III	ZK1058.9	-0.92	0.00	0.10
181230_at	WBGene00019327	III	zip-2	-0.92	0.00	0.10
185356_at	WBGene00004122	II	pqn-35	-0.92	0.01	0.12
175770_s_at	WBGene00001454	X	flp-11	-0.92	0.01	0.12
179206_at	WBGene00010236	V	F58B4.3	-0.91	0.00	0.11
177224_at	WBGene00008439	I	mfb-1	-0.91	0.01	0.11
183970_at	WBGene00011428	V	T04C12.3	-0.91	0.00	0.10
171788_x_at	WBGene00000832	I	ctn-1	-0.90	0.00	0.11
173434_at	WBGene00004310	II	ras-1	-0.90	0.01	0.12
184183_s_at	WBGene00019868	X	R04B3.3	-0.90	0.01	0.11
189544_at	WBGene00010204	V	F57F5.1	-0.90	0.00	0.10
172101_x_at	WBGene00004212	III	ptl-1	-0.90	0.01	0.12
172292_x_at	WBGene00017068	I	D2092.8	-0.90	0.00	0.10
176384_at	WBGene00019160	X	H05L03.3	-0.89	0.01	0.11
174251_s_at	WBGene00021870	IV	Y54G2A.4	-0.89	0.01	0.12
192888_s_at	WBGene00011474	III	T05D4.1	-0.89	0.00	0.11
176311_at	WBGene00019538	IV	K08D12.4	-0.89	0.00	0.11
176961_at	WBGene00001147	I	eat-18	-0.89	0.01	0.12
188953_s_at	WBGene00000225	II	atgp-2	-0.88	0.01	0.12
182283_at	WBGene00017569	X	F18E9.3	-0.88	0.01	0.12
183689_at	WBGene00016921	V	C54F6.3	-0.88	0.00	0.10
190864_at	WBGene00004346	II	rgs-3	-0.88	0.01	0.12
186443_at	WBGene00018343	III	F42A10.7	-0.88	0.00	0.11
184218_at	WBGene00021059	X	W06B11.1	-0.88	0.00	0.11
183582_at	WBGene00008150	IV	C47E12.6	-0.87	0.01	0.12
190598_at	WBGene00006636	II	tsp-10	-0.87	0.01	0.12
183103_at	WBGene00017783	V	F25E5.2	-0.87	0.01	0.12
191541_at	WBGene00008296	V	cdr-2	-0.87	0.01	0.12
176425_s_at	WBGene00002978	I	lev-11	-0.87	0.01	0.12
174633_at	WBGene00004130	V	ketn-1	-0.87	0.01	0.12
178539_at	WBGene00010873	I	M05B5.6	-0.86	0.01	0.12

187858_at	WBGene00000832	I	ctn-1	-0.86	0.01	0.12
175000_at	WBGene00017979	I	F32B5.6	-0.86	0.01	0.12
190359_at	WBGene00007228	II	C01G6.7	-0.86	0.00	0.08
187523_s_at	WBGene00019166	IV	tat-2	-0.85	0.01	0.12
188068_at	WBGene00003748	III	nlp-10	-0.85	0.01	0.12
184319_at	WBGene00000780	I	cpn-4	-0.85	0.01	0.12
171725_x_at	WBGene00000733	V	col-160	-0.85	0.01	0.11
193087_s_at	WBGene00002048	III	ida-1	-0.85	0.01	0.12
193477_s_at	WBGene00008449	X	E01G6.1	-0.85	0.01	0.12
174741_at	WBGene00001490	X	frm-3	-0.84	0.00	0.10
172243_x_at	WBGene00011289	IV	R102.2	-0.84	0.00	0.10
178652_at	WBGene00022649	II	ZK84.1	-0.84	0.01	0.12
178510_at	WBGene00010987	II	R03C.1	-0.84	0.01	0.11
188365_at	WBGene00000705	IV	col-131	-0.83	0.01	0.12
176595_at	WBGene00022397	V	Y97E10AR.2	-0.83	0.00	0.11
184335_at	WBGene00001063	III	dpy-1	-0.82	0.00	0.07
185765_at	WBGene00019188	X	H11E01.3	-0.82	0.01	0.12
180212_at	WBGene00016628	II	C44B7.6	-0.82	0.01	0.12
174388_at	WBGene00018533	X	F47B7.2	-0.82	0.00	0.11
180853_at	WBGene00019324	I	K02F2.5	-0.81	0.00	0.10
193365_at	WBGene00009326	V	F32D8.1	-0.81	0.00	0.11
182754_at	WBGene00015823	X	C16B8.3	-0.81	0.00	0.10
189929_at	WBGene00016806	II	C50D2.2	-0.81	0.00	0.11
181152_at	WBGene00004988	X	spp-3	-0.81	0.01	0.12
189230_s_at	WBGene00022519	I	ZC123.4	-0.81	0.00	0.11
184734_at	WBGene00021087	IV	W08E12.6	-0.80	0.01	0.12
180048_at	WBGene00011531	I	T06D10.1	-0.80	0.01	0.11
179830_at	WBGene00008500	II	F01D5.10	-0.80	0.01	0.12
176966_at	WBGene00013672	I	catp-1	-0.80	0.01	0.12
175960_s_at	WBGene00020051	III	R13A5.9	-0.80	0.00	0.11
173117_at	WBGene00019184	III	H10E21.4	-0.79	0.01	0.12
175745_at	WBGene00002084	IV	ins-1	-0.79	0.00	0.10
191891_at	WBGene00004184	X	pri-1	-0.79	0.01	0.12
183884_at	WBGene00009325	V	F32D8.15	-0.79	0.01	0.12
174081_at	WBGene00017129	II	E04F6.10	-0.79	0.01	0.12
182420_at	WBGene00008820	II	F14F11.2	-0.79	0.01	0.12
175294_s_at	WBGene00020551	III	T17H7.7	-0.78	0.01	0.12
192749_at	WBGene00006527	IV	tax-6	-0.78	0.00	0.10
192893_at	WBGene00020114	II	pde-4	-0.78	0.01	0.12
189565_at	WBGene00004924	I	snt-4	-0.78	0.00	0.10
189207_at	WBGene00016197	III	pxl-1	-0.78	0.00	0.10
190616_at	WBGene00020022	II	R12C12.1	-0.78	0.00	0.11
174256_at	WBGene00002983	X	lgx-1	-0.77	0.01	0.12
175758_at	WBGene00002264	II	lec-1	-0.77	0.01	0.11
184411_at	WBGene00015713	X	C12D12.1	-0.77	0.01	0.12
186937_at	WBGene00013856	IV	ZC168.2	-0.77	0.00	0.11
181793_at	WBGene00015646	II	mlt-10	-0.77	0.01	0.12
192420_at	WBGene00003980	I	pes-7	-0.76	0.01	0.12
180116_at	WBGene00003741	X	nlp-3	-0.76	0.01	0.11
193009_at	WBGene00001993	III	hpd-1	-0.76	0.01	0.11
171916_s_at	WBGene00013934	II	ZK131.11	-0.76	0.01	0.12
175705_s_at	WBGene00002274	IV	lec-11	-0.76	0.01	0.12
179554_at	WBGene00009700	II	F44F4.1	-0.76	0.01	0.12
193312_at	WBGene00012100	V	T27F2.2	-0.76	0.00	0.10
185051_at	WBGene00017297	X	F09E10.7	-0.76	0.00	0.11
182439_at	WBGene00012452	V	Y17D7B.4	-0.76	0.00	0.10
193593_s_at	WBGene00001196	I	egl-30	-0.75	0.00	0.11
189803_at	WBGene00000745	X	col-172	-0.75	0.01	0.12
190375_at	WBGene00001691	V	grd-2	-0.75	0.01	0.12
175469_s_at	WBGene00004412	I	rpl-1	-0.75	0.01	0.11
192678_s_at	WBGene00002974	IV	lev-1	-0.74	0.01	0.12
193801_s_at	WBGene00007565	V	clec-48	-0.74	0.00	0.09
188058_at	WBGene00004999	X	spp-14	-0.74	0.01	0.12
177880_at	WBGene00009760	V	F46B3.7	-0.74	0.00	0.08
184855_at	WBGene00020722	V	T23B12.8	-0.74	0.01	0.12
190523_s_at	WBGene00010012	V	F53H10.2	-0.73	0.01	0.12
189221_at	WBGene00009226	V	cyp-37B1	-0.73	0.00	0.03
189110_at	WBGene00017950	III	F31E3.2	-0.73	0.01	0.11
193298_s_at	WBGene00001137	V	eat-6	-0.73	0.01	0.12
178078_at	WBGene00011736	III	T12D8.9	-0.73	0.00	0.11
189259_s_at	WBGene00004061	IV	pmp-4	-0.73	0.00	0.10
177365_at	WBGene00011289	IV	R102.2	-0.73	0.00	0.11
182467_at	WBGene00004764	X	sel-7	-0.72	0.01	0.11
189318_at	WBGene00001240	IV	elo-2	-0.72	0.01	0.12
192059_at	WBGene00013073	V	hmit-1.1	-0.72	0.00	0.10
181665_at	WBGene00012548	III	Y37D8A.6	-0.72	0.00	0.10
174997_at	WBGene00006412	X	nlg-1	-0.72	0.00	0.11

190075_at	WBGene00003943	X	pbo-4	-0.71	0.01	0.12
172321_x_at	WBGene00000031	V	abu-8	-0.71	0.01	0.12
186811_s_at	WBGene00014000	IV	ZK550.6	-0.71	0.00	0.08
192249_at	WBGene00017687	X	ets-4	-0.71	0.01	0.12
192312_s_at	WBGene00006784	III	unc-49	-0.71	0.00	0.08
187780_at	WBGene00021071	V	W07B8.3	-0.71	0.01	0.12
192362_at	WBGene00002210	X	kin-29	-0.71	0.01	0.12
193836_s_at	WBGene00012253	V	clec-50	-0.71	0.00	0.10
183764_at	WBGene00006505	I	lagr-1	-0.70	0.00	0.11
191331_at	WBGene00001776	II	gst-28	-0.70	0.00	0.07
174694_at	WBGene00006781	III	unc-45	-0.70	0.01	0.12
194001_s_at	WBGene00002264	II	lec-1	-0.70	0.00	0.10
173661_s_at	WBGene00002983	X	lgx-1	-0.70	0.01	0.12
192341_s_at	WBGene00002348	I	let-75	-0.70	0.01	0.12
178755_s_at	WBGene00007725	V	C25F9.5	-0.69	0.00	0.10
183252_at	WBGene00019324	I	K02F2.5	-0.69	0.01	0.12
180664_s_at	WBGene00022680	IV	ZK180.6	-0.69	0.00	0.10
179194_at	WBGene00012339	V	W07G4.5	-0.69	0.00	0.10
186814_at	WBGene00011078	X	R07B1.6	-0.69	0.00	0.10
187891_at	WBGene00022201	X	Y71H10B.1	-0.69	0.00	0.08
185407_at	WBGene00001987	V	hot-2	-0.69	0.01	0.11
178017_s_at	WBGene00008492	II	F01D5.1	-0.68	0.00	0.10
174261_at	WBGene00022201	X	Y71H10B.1	-0.68	0.01	0.11
192230_at	WBGene00013851	II	ZC101.1	-0.68	0.00	0.10
187666_at	WBGene00018560	III	F47D12.3	-0.68	0.01	0.12
185630_at	WBGene00016533	X	C39D10.6	-0.68	0.01	0.12
183178_at	WBGene00020690	X	T22E5.1	-0.67	0.01	0.12
175911_at	WBGene00016240	III	C30A5.6	-0.67	0.01	0.12
191102_at	WBGene00002987	X	lim-4	-0.67	0.01	0.12
174347_s_at	WBGene00016769	IV	C49C8.5	-0.67	0.00	0.11
177375_at	WBGene00019779	X	M60.2	-0.67	0.00	0.08
184266_at	WBGene00013111	IV	sta-1	-0.67	0.01	0.11
177352_at	WBGene00019756	V	M03E7.4	-0.67	0.00	0.11
191274_s_at	WBGene00003958	IV	pcp-3	-0.67	0.00	0.09
175439_at	WBGene00020756	V	T24A6.20	-0.67	0.00	0.10
175700_s_at	WBGene00009920	I	abts-1	-0.67	0.00	0.09
188078_at	WBGene00009773	V	lipase	-0.67	0.01	0.12
171773_x_at	WBGene00001502	X	ftt-2	-0.67	0.01	0.12
172360_x_at	WBGene00004099	V	pqn-5	-0.67	0.00	0.10
174187_s_at	WBGene00010558	IV	K04D7.4	-0.67	0.01	0.12
193148_at	WBGene00006923	II	vhp-1	-0.66	0.00	0.10
180717_at	WBGene00018521	X	F46H5.5	-0.66	0.01	0.11
186009_at	WBGene00019261	III	H34I24.2	-0.66	0.00	0.08
175867_at	WBGene00000241	I	bbs-1	-0.66	0.00	0.11
175423_at	WBGene00011531	I	T06D10.1	-0.66	0.00	0.09
176157_at	WBGene00001129	II	dyf-13	-0.66	0.01	0.13
193987_s_at	WBGene00013025	V	vha-13	-0.66	0.01	0.12
178849_at	WBGene00005832	V	srw-85	-0.66	0.00	0.08
184599_at	WBGene00015280	IV	C01B10.6	-0.66	0.00	0.10
182292_at	WBGene00000089	I	aex-6	-0.66	0.01	0.12
175818_s_at	WBGene00001638	X	gly-13	-0.66	0.01	0.13
193729_at	WBGene00004265	IV	qui-1	-0.66	0.00	0.11
194191_x_at	WBGene00001137	V	eat-6	-0.66	0.00	0.11
175648_at	WBGene00003182	I	mef-2	-0.65	0.00	0.10
193989_at	WBGene00010813	III	M01F1.7	-0.65	0.01	0.12
174471_at	WBGene00022073	IV	Y67D8C.9	-0.65	0.01	0.12
193133_s_at	WBGene00013969	I	ZK337.1	-0.65	0.00	0.11
192911_at	WBGene00011719	IV	T11G6.4	-0.65	0.00	0.10
174639_at	WBGene00004719	X	sad-1	-0.65	0.01	0.12
175581_at	WBGene00020229	II	T05A8.3	-0.65	0.00	0.10
182192_s_at	WBGene00016030	III	C24A1.3	-0.65	0.01	0.12
180953_at	WBGene00013934	II	ZK131.11	-0.65	0.00	0.08
178294_at	WBGene00011732	III	T12D8.4	-0.65	0.01	0.11
192571_s_at	WBGene00001172	V	egl-3	-0.64	0.01	0.12
175576_s_at	WBGene00022287	V	Y75B7AR.1	-0.64	0.01	0.12
190955_s_at	WBGene00007142	II	ttr-18	-0.64	0.01	0.12
177707_at	WBGene00009617	X	F41E7.1	-0.64	0.01	0.12
187493_at	WBGene00020895	II	T28D9.3	-0.64	0.01	0.12
179937_s_at	WBGene00004130	V	ktn-1	-0.64	0.01	0.12
179858_at	WBGene00016769	IV	C49C8.5	-0.64	0.01	0.12
192086_s_at	WBGene00013083	V	Y51A2D.18	-0.64	0.01	0.12
179782_s_at	WBGene00012184	V	W01F3.1	-0.63	0.01	0.13
189861_at	WBGene00019605	II	Carboxypeptidase	-0.63	0.00	0.10
190486_s_at	WBGene00000914	II	daf-19	-0.63	0.01	0.12
181900_at	WBGene00020229	II	T05A8.3	-0.63	0.01	0.12
174542_at	WBGene00007877	X	C33A11.1	-0.63	0.00	0.11
177245_at	WBGene00045481	X	M153.5	-0.63	0.01	0.12

189681_at	WBGene00009729	II	F45E10.2	-0.63	0.00	0.08
192215_s_at	WBGene00004310	II	ras-1	-0.63	0.01	0.12
180389_s_at	WBGene00015632	I	C09D4.1	-0.63	0.00	0.10
193978_at	WBGene00004719	X	sad-1	-0.63	0.01	0.12
187047_at	WBGene00002269	III	lec-6	-0.62	0.01	0.12
176271_at	WBGene00016875	IV	C52D10.1	-0.62	0.00	0.11
185522_at	WBGene00013716	I	Y106G6H.1	-0.62	0.00	0.11
171798_x_at	WBGene00004430	IV	rpl-18	-0.62	0.01	0.11
189083_at	WBGene00001368	II	exc-7	-0.62	0.01	0.12
188758_at	WBGene00008559	II	F07H5.8	-0.62	0.00	0.10
177060_s_at	WBGene00021583	IV	clec-72	-0.61	0.00	0.09
185815_at	WBGene00019636	III	gst0-3	-0.61	0.00	0.09
172942_x_at	WBGene00005647	V	srp-6	-0.61	0.01	0.12
175503_at	WBGene00001679	II	gpb-1	-0.61	0.00	0.10
172061_x_at	WBGene00006784	III	unc-49	-0.61	0.00	0.10
176616_s_at	WBGene00003243	III	mig-10	-0.61	0.00	0.10
193581_at	WBGene00006744	II	unc-4	-0.61	0.00	0.09
181872_at	WBGene00004764	X	sel-7	-0.60	0.01	0.12
173887_s_at	WBGene00004473	IV	rps-4	-0.60	0.01	0.13
178180_at	WBGene00009030	V	clec-233	-0.60	0.01	0.11
175811_s_at	WBGene00000914	II	daf-19	-0.60	0.00	0.10
177139_s_at	WBGene00006920	IV	vha-11	-0.60	0.01	0.13
182172_at	WBGene00006955	X	wrt-9	-0.60	0.00	0.10
173608_s_at	WBGene00001685	X	gpd-3	-0.60	0.00	0.08
171945_x_at	WBGene00015646	II	mlt-10	-0.60	0.01	0.12
194067_at	WBGene00009397	II	clec-66	-0.60	0.01	0.12
188020_s_at	WBGene00002177	X	jkk-1	-0.59	0.01	0.12
175979_at	WBGene00003688	V	nhr-98	-0.59	0.01	0.11
191757_at	WBGene00000768	III	cor-1	-0.59	0.01	0.11
172305_x_at	WBGene00012739	I	Y40B1B.7	0.59	0.01	0.12
187249_s_at	WBGene00000799	III	crn-6	0.59	0.00	0.07
189730_at	WBGene00013018	I	Y48G10A.1	0.59	0.00	0.10
190253_at	WBGene00016367	V	nhr-162	0.59	0.00	0.09
178429_at	WBGene00009011	IV	F21D5.6	0.59	0.01	0.12
187603_s_at	WBGene00022599	III	ZC395.10	0.59	0.00	0.11
173168_s_at	WBGene00001808	V	gut-2	0.59	0.01	0.12
189643_at	WBGene00008591	V	F08H9.3	0.59	0.00	0.10
178807_at	WBGene00010105	V	fbxb-62	0.59	0.01	0.12
176979_at	WBGene00021677	I	Y48G1C.4	0.59	0.00	0.10
183993_at	WBGene00015829	II	math-15	0.59	0.01	0.12
191304_s_at	WBGene00023497	X	lin-15B	0.59	0.01	0.12
171742_x_at	WBGene00004814	IV	skr-8	0.59	0.00	0.07
173878_at	WBGene00003601	I	nhr-2	0.59	0.00	0.11
189411_at	WBGene00003081	IV	lsm-7	0.59	0.00	0.11
187193_at	WBGene00011509	II	T05H10.4	0.60	0.00	0.10
177347_at	WBGene00007029	V	mys-1	0.60	0.00	0.10
174225_s_at	WBGene00019923	II	fbxc-29	0.60	0.00	0.10
187633_s_at	WBGene00019402	III	K04G7.11	0.60	0.01	0.12
184862_at	WBGene00017532	X	F16H11.3	0.60	0.01	0.13
187340_s_at	WBGene00001688	III	gpr-1	0.60	0.00	0.11
178786_s_at	WBGene00008385	I	D1081.7	0.60	0.01	0.12
180815_at	WBGene00010484	IV	K01H12.1	0.60	0.01	0.12
172973_at	WBGene00004050	II	pme-2	0.60	0.01	0.12
178870_s_at	WBGene00011528	II	T06D8.7	0.60	0.00	0.11
177086_at	WBGene00010903	X	M79.3	0.60	0.01	0.12
181699_at	WBGene00019035	II	fbxb-26	0.60	0.00	0.10
182204_at	WBGene00018740	X	tra-4	0.60	0.00	0.10
192564_at	WBGene00012494	V	nhr-232	0.61	0.01	0.12
175339_at	WBGene00022278	I	Y74C9A.4	0.61	0.00	0.11
184325_s_at	WBGene00015746	V	C13F10.7	0.61	0.00	0.10
175071_s_at	WBGene00018606	X	F48E3.6	0.61	0.00	0.08
177684_s_at	WBGene00002046	IV	icl-1	0.61	0.00	0.10
180197_at	WBGene00017207	II	fbxb-6	0.61	0.01	0.12
188256_at	WBGene00004885	IV	smg-7	0.61	0.01	0.12
173557_s_at	WBGene00017810	III	clec-157	0.61	0.01	0.13
185066_s_at	WBGene00007013	II	mdt-8	0.61	0.00	0.10
174631_at	WBGene00000913	IV	daf-18	0.61	0.01	0.12
176992_at	WBGene00013669	I	Y105E8A.8	0.61	0.01	0.12
192097_s_at	WBGene00011226	X	R11.1	0.61	0.00	0.11
182390_at	WBGene00017002	I	D1007.4	0.62	0.00	0.09
192435_at	WBGene00012867	IV	seld-1	0.62	0.01	0.12
178460_at	WBGene00010293	V	fbxa-108	0.62	0.01	0.13
187962_at	WBGene00002118	V	ins-35	0.62	0.00	0.10
178371_at	WBGene00009728	X	sdz-19	0.62	0.00	0.11
190936_s_at	WBGene00009004	I	pfd-6	0.62	0.00	0.10
187601_at	WBGene00001661	III	gop-2	0.62	0.00	0.08
192852_s_at	WBGene00010476	III	rnf-113	0.62	0.00	0.11

176484_s_at	WBGene00000408	I	cdk-7	0.62	0.00	0.07
184066_at	WBGene00017293	II	bmy-1	0.62	0.00	0.10
185445_s_at	WBGene00016156	I	C27A12.6	0.62	0.00	0.11
181552_at	WBGene00020672	X	T22B7.3	0.62	0.00	0.07
192918_at	WBGene00000145	III	apc-11	0.62	0.00	0.11
189094_at	WBGene00019295	IV	phosphofructo-2-kinase	0.62	0.00	0.10
173128_s_at	WBGene00010685	V	tag-216	0.62	0.01	0.11
173780_at	WBGene00010553	X	K04C1.3	0.62	0.01	0.11
189316_at	WBGene00000515	X	ckc-1	0.63	0.00	0.08
177136_at	WBGene00000815	IV	csn-3	0.63	0.00	0.08
191951_at	WBGene00020593	V	ugt-11	0.63	0.01	0.13
186986_at	WBGene00010132	III	F55H2.7	0.63	0.00	0.11
178970_at	WBGene00011375	I	T02E1.2	0.63	0.00	0.11
185550_at	WBGene00020286	IV	T06A10.3	0.63	0.01	0.12
179595_at	WBGene00009289	V	exos-7	0.63	0.00	0.06
177427_at	WBGene00007813	X	C29F7.6	0.63	0.00	0.07
179964_s_at	WBGene00016808	II	C50D2.5	0.63	0.00	0.11
192796_at	WBGene00011967	II	pir-1	0.63	0.00	0.09
192669_at	WBGene00009054	I	F22D6.9	0.63	0.00	0.10
187087_at	WBGene00008398	I	D2005.3	0.63	0.00	0.11
184096_at	WBGene00021174	II	fbxb-99	0.63	0.01	0.12
187613_at	WBGene00043279	I	F22D6.8	0.63	0.00	0.11
193880_at	WBGene00012094	III	T27E9.2	0.63	0.00	0.10
182982_at	WBGene00008768	I	F13G3.10	0.63	0.01	0.12
186508_at	WBGene00008457	II	E02H1.5	0.63	0.00	0.10
184992_at	WBGene00016345	X	C33E10.1	0.63	0.00	0.10
186514_at	WBGene00013725	I	Y106G6H.15	0.64	0.00	0.11
193605_at	WBGene00008877	I	F16A11.2	0.64	0.01	0.13
194193_x_at	WBGene00010807	I	M01E5.4	0.64	0.01	0.11
173528_at	WBGene00014124	V	ZK863.4	0.64	0.01	0.12
181513_at	WBGene00021092	II	fbxb-34	0.64	0.00	0.10
180404_at	WBGene00007501	II	C09H10.7	0.64	0.01	0.11
173570_s_at	WBGene00003558	III	nca-2	0.64	0.01	0.12
186969_at	WBGene00013806	IV	Y116A8C.29	0.64	0.00	0.11
176690_at	WBGene00022704	III	ZK353.9	0.64	0.00	0.11
187045_at	WBGene00013310	IV	Y57G11C.14	0.64	0.01	0.12
175360_at	WBGene00000462	X	ceh-41	0.64	0.00	0.10
192774_s_at	WBGene00001336	IV	ers-1	0.64	0.00	0.07
181691_at	WBGene00016113	II	C25H3.4	0.65	0.00	0.10
185633_at	WBGene00018071	IV	F35H10.6	0.65	0.01	0.12
189388_at	WBGene00011637	II	T09A5.9	0.65	0.00	0.11
184586_s_at	WBGene00000500	I	chn-1	0.65	0.01	0.12
184984_s_at	WBGene00019525	V	K08D9.4	0.65	0.00	0.11
174882_s_at	WBGene00019457	III	K06H7.3	0.65	0.01	0.11
186951_s_at	WBGene00013766	V	Y113G7B.17	0.65	0.00	0.08
183657_at	WBGene000005011	III	F26F4.8	0.65	0.01	0.12
190452_at	WBGene00015353	III	C02F5.13	0.65	0.01	0.12
186704_s_at	WBGene00000236	I	bag-1	0.65	0.00	0.07
181090_at	WBGene00011809	III	T16G12.8	0.65	0.00	0.11
184338_s_at	WBGene00021053	II	W06A11.2	0.65	0.00	0.11
184653_at	WBGene00016602	I	mus-81	0.65	0.01	0.12
184928_at	WBGene00016307	II	fbxc-18	0.65	0.00	0.10
190827_at	WBGene00009320	IV	F32B6.3	0.65	0.01	0.12
193234_at	WBGene00010872	I	M05B5.4	0.65	0.00	0.03
175435_s_at	WBGene00022277	I	Y74C9A.3	0.65	0.00	0.08
175255_s_at	WBGene00015479	III	wht-1	0.65	0.00	0.11
176455_at	WBGene00018679	IV	F52C12.2	0.65	0.01	0.12
177498_at	WBGene00008418	I	D2030.8	0.65	0.00	0.10
192104_at	WBGene00000211	II	asm-1	0.66	0.00	0.08
177417_at	WBGene00008838	II	F15A4.2	0.66	0.00	0.09
171757_x_at	WBGene00001996	III	hpl-2	0.66	0.01	0.11
187511_s_at	WBGene00015207	II	B0495.8	0.66	0.00	0.11
193706_s_at	WBGene00001112	I	duo-3	0.66	0.00	0.11
183247_at	WBGene00016148	V	C26F1.3	0.66	0.00	0.10
179257_at	WBGene00009861	I	fbxb-8	0.66	0.01	0.12
185488_at	WBGene00012666	V	Y39B6A.3	0.66	0.00	0.08
183368_at	WBGene00015405	II	C03H5.3	0.66	0.01	0.11
187812_s_at	WBGene00003601	I	nhr-2	0.66	0.00	0.09
176532_at	WBGene00021913	III	Y55B1BR.3	0.66	0.01	0.12
189092_s_at	WBGene00007508	IV	aminoacylase-1	0.66	0.00	0.08
188743_s_at	WBGene00007099	V	trx-2	0.66	0.00	0.10
187776_s_at	WBGene00004803	I	sir-2.4	0.67	0.00	0.10
174292_at	WBGene00011890	V	T21C9.1	0.67	0.01	0.12
192180_s_at	WBGene00006704	III	ubc-7	0.67	0.00	0.11
188233_at	WBGene00006388	X	taf-7.1	0.67	0.01	0.11
193060_at	WBGene00014163	II	rnh-1.2	0.67	0.01	0.12
183996_s_at	WBGene00019082	I	pup-3	0.67	0.00	0.11

194081_at	WBGene00001110	V	duo-1	0.67	0.00	0.10
190833_at	WBGene00009444	III	F35G12.11	0.67	0.00	0.10
186314_s_at	WBGene00015191	II	B0432.10	0.68	0.00	0.10
187458_at	WBGene00001046	I	dnj-28	0.68	0.01	0.12
190881_s_at	WBGene00013694	I	Y106G6A.1	0.68	0.00	0.09
179024_at	WBGene00005517	I	sri-5	0.68	0.00	0.10
183681_s_at	WBGene00010844	III	M03C11.7	0.68	0.00	0.11
177316_at	WBGene00020073	II	sdz-28	0.68	0.00	0.08
172657_x_at	WBGene00015385	III	C03B8.2	0.68	0.01	0.11
186728_s_at	WBGene00017589	II	F19B10.10	0.68	0.01	0.12
171755_x_at	WBGene00001996	III	hpl-2	0.68	0.00	0.10
175531_s_at	WBGene00021374	IV	Y37E11B.1	0.68	0.00	0.08
186479_s_at	WBGene00001161	V	eff-1	0.68	0.01	0.12
188887_s_at	WBGene00017083	V	kin-33	0.68	0.00	0.09
181599_at	WBGene00019040	II	fbxb-19	0.68	0.01	0.12
174315_at	WBGene00022039	I	Y65B4BL.7	0.68	0.00	0.11
185834_at	WBGene00022850	II	ZK1127.3	0.68	0.00	0.11
192371_s_at	WBGene00004326	III	rde-4	0.68	0.01	0.11
177810_s_at	WBGene00009212	IV	F28D1.2	0.68	0.00	0.08
182335_at	WBGene00008904	X	F17A2.13	0.68	0.01	0.12
190442_at	WBGene00015611	II	C08F1.8	0.68	0.00	0.08
176777_at	WBGene00017011	I	D1007.16	0.69	0.01	0.12
178162_at	WBGene00012065	V	fbxb-2	0.69	0.00	0.05
189779_at	WBGene00004279	II	rab-21	0.69	0.01	0.12
179894_at	WBGene00009820	X	F47B10.9	0.69	0.00	0.11
186629_at	WBGene00018444	II	fbxb-48	0.69	0.00	0.11
183263_s_at	WBGene00019100	V	F59B1.8	0.69	0.01	0.11
177624_at	WBGene00008371	V	D1054.3	0.69	0.01	0.12
175314_s_at	WBGene00000799	III	crn-6	0.69	0.00	0.10
174872_s_at	WBGene00003022	III	lin-37	0.69	0.00	0.11
176988_at	WBGene00013669	I	Y105E8A.8	0.69	0.00	0.10
187354_at	WBGene00016623	II	C44B7.1	0.69	0.00	0.10
179082_s_at	WBGene00011625	V	vps-39	0.69	0.00	0.10
192355_s_at	WBGene00009177	I	F26H9.5	0.69	0.00	0.10
184306_at	WBGene00013109	IV	Y51H4A.15	0.69	0.00	0.10
181169_at	WBGene00011805	III	T16G12.4	0.69	0.00	0.07
175842_s_at	WBGene00004383	II	rmh-2	0.69	0.01	0.12
178271_at	WBGene00010807	I	M01E5.4	0.69	0.01	0.11
180099_s_at	WBGene00013200	I	Y54E5A.5	0.70	0.01	0.11
184973_at	WBGene00016404	IV	C34D4.13	0.70	0.01	0.12
191790_at	WBGene00010240	IV	F58D2.1	0.70	0.01	0.12
189685_at	WBGene00016443	III	C35D10.6	0.70	0.00	0.10
188696_at	WBGene00011038	II	thioredoxin	0.70	0.01	0.12
186307_at	WBGene00012650	III	Y39A1A.12	0.70	0.01	0.12
193152_s_at	WBGene00003422	I	msh-6	0.70	0.00	0.11
178665_at	WBGene00012238	I	W04A8.3	0.70	0.00	0.07
180284_at	WBGene00010421	I	H32K16.1	0.70	0.00	0.10
182786_s_at	WBGene00019418	II	fbxb-54	0.70	0.00	0.08
173703_s_at	WBGene00009128	I	F25H5.6	0.71	0.00	0.08
193351_s_at	WBGene00006446	V	atx-3	0.71	0.00	0.08
192205_s_at	WBGene00020911	V	cpt-6	0.71	0.00	0.07
176084_at	WBGene00018923	I	F56A6.4	0.71	0.01	0.11
172539_x_at	WBGene00009880	IV	F49C12.11	0.71	0.01	0.12
189069_at	WBGene00007507	IV	aminoacylase-1	0.71	0.00	0.10
178841_at	WBGene00011930	V	T22G5.3	0.71	0.01	0.13
184169_s_at	WBGene00007244	II	C01G12.3	0.71	0.01	0.13
172757_x_at	WBGene00014069	X	ZK678.3	0.71	0.00	0.10
180654_at	WBGene00001332	IV	eri-1	0.71	0.01	0.12
182824_at	WBGene00016323	I	C32E8.5	0.71	0.00	0.10
175482_at	WBGene00016411	III	C34E10.10	0.71	0.00	0.11
173914_s_at	WBGene00009007	IV	F21D5.2	0.72	0.01	0.11
174428_s_at	WBGene00009731	III	F45G2.3	0.72	0.01	0.11
178267_at	WBGene00003975	III	pen-2	0.72	0.01	0.12
174154_at	WBGene00016045	V	spas-1	0.72	0.01	0.12
183157_s_at	WBGene00003022	III	lin-37	0.72	0.00	0.11
174935_at	WBGene00007711	I	C25A1.12	0.72	0.00	0.08
179367_at	WBGene00008066	V	fbxb-65	0.72	0.00	0.07
176970_at	WBGene00013669	I	Y105E8A.8	0.72	0.01	0.11
185036_at	WBGene00022277	I	Y74C9A.3	0.72	0.00	0.11
186347_at	WBGene00018754	II	F53C3.11	0.72	0.00	0.10
184789_at	WBGene00013253	II	Y57A10A.8	0.72	0.01	0.12
186602_at	WBGene00017253	II	sdz-9	0.72	0.01	0.13
183935_at	WBGene00019922	II	fbxc-28	0.72	0.00	0.09
174585_at	WBGene00017801	III	F26A1.1	0.72	0.00	0.09
179624_at	WBGene00008611	I	fbxb-68	0.72	0.00	0.10
175111_at	WBGene00015582	III	C07H6.9	0.73	0.00	0.06
186378_at	WBGene00018247	III	F40G9.12	0.73	0.00	0.06

188143_at	WBGene00004824	IV	F56B3.4	0.73	0.00	0.07
181387_at	WBGene00020866	II	T27F7.1	0.73	0.00	0.10
183893_s_at	WBGene00015610	II	C08F1.6	0.73	0.00	0.08
172692_x_at	WBGene00001915	V	his-41	0.73	0.00	0.08
192191_s_at	WBGene00015538	IV	C06E7.1	0.73	0.01	0.12
189158_at	WBGene00006448	III	glod-4	0.73	0.00	0.11
190911_at	WBGene00017770	V	F25B4.7	0.73	0.01	0.12
179571_at	WBGene00007780	IV	C27D8.4	0.73	0.00	0.10
181309_s_at	WBGene00018290	V	F41E6.9	0.74	0.00	0.10
181911_at	WBGene00009182	II	F26H11.4	0.74	0.01	0.12
181571_s_at	WBGene00013150	II	Y53F4B.3	0.74	0.01	0.12
193956_at	WBGene00013319	IV	ccch-5	0.74	0.01	0.12
173489_at	WBGene00008782	I	sdz-14	0.74	0.01	0.13
184896_at	WBGene00016309	II	sdz-4	0.74	0.00	0.03
179921_s_at	WBGene00019704	II	fbxb-40	0.74	0.00	0.10
185924_at	WBGene00020624	V	T20D4.19	0.74	0.00	0.10
191043_s_at	WBGene00008722	IV	F12F6.7	0.74	0.01	0.12
188179_at	WBGene00003417	III	mrt-2	0.74	0.01	0.12
183443_s_at	WBGene00016129	IV	C26B2.7	0.74	0.01	0.12
177875_at	WBGene00000467	I	cep-1	0.75	0.01	0.12
185747_s_at	WBGene00012888	IV	sas-6	0.75	0.00	0.10
186399_at	WBGene00011562	III	T07C4.10	0.75	0.01	0.12
182173_at	WBGene00009736	III	F45G2.10	0.75	0.00	0.10
188273_at	WBGene00003976	IV	pes-1	0.75	0.01	0.12
186168_at	WBGene00020287	IV	T06A10.4	0.75	0.01	0.13
183782_at	WBGene00014205	III	ZK1058.5	0.75	0.00	0.07
176097_at	WBGene00022802	III	ZK688.7	0.75	0.00	0.07
183059_s_at	WBGene00015587	X	sdz-2	0.75	0.01	0.12
186775_at	WBGene00018458	II	fbxb-30	0.75	0.01	0.12
186700_at	WBGene00017254	II	fbxb-111	0.75	0.00	0.10
184858_at	WBGene00013553	III	Y75B8A.18	0.75	0.00	0.07
191253_at	WBGene00007974	I	dhfr-1	0.75	0.01	0.13
172416_x_at	WBGene00007165	V	B0391.10	0.75	0.00	0.07
187348_at	WBGene00007623	III	C16C10.2	0.75	0.00	0.10
175494_at	WBGene00022618	IV	ZC477.3	0.75	0.00	0.10
186269_s_at	WBGene00001048	I	dnj-30	0.75	0.00	0.10
187739_at	WBGene00015156	III	B0361.2	0.75	0.00	0.10
173997_s_at	WBGene00006061	I	stl-1	0.76	0.00	0.10
190735_at	WBGene00009565	I	F39H11.1	0.76	0.00	0.11
182189_at	WBGene00019412	II	fbxb-49	0.76	0.00	0.06
182007_at	WBGene00019687	II	K12H6.7	0.76	0.00	0.07
174532_s_at	WBGene00000886	II	cyn-10	0.76	0.01	0.12
185151_s_at	WBGene00015815	II	C16A11.2	0.76	0.01	0.11
179664_s_at	WBGene00008488	IV	F01D4.5	0.76	0.01	0.13
172659_x_at	WBGene00020738	X	T23F2.5	0.76	0.00	0.10
187564_at	WBGene00022579	III	ZC262.2	0.76	0.00	0.11
184593_at	WBGene00013561	III	Y75B8A.31	0.76	0.00	0.07
175362_at	WBGene00022669	II	ZK177.1	0.76	0.01	0.12
184299_at	WBGene00016561	I	C41D11.1	0.76	0.00	0.11
183516_at	WBGene00018240	III	F40G9.2	0.77	0.01	0.12
182310_at	WBGene00010495	I	K02B12.2	0.77	0.00	0.07
186947_s_at	WBGene00011142	III	R08D7.1	0.77	0.00	0.11
192396_at	WBGene00012385	IV	Y5F2A.4	0.77	0.01	0.12
193091_at	WBGene00011365	III	T02C1.1	0.77	0.00	0.03
184739_at	WBGene00016337	II	fbxb-38	0.77	0.00	0.11
182495_at	WBGene00012565	V	fbxa-210	0.77	0.01	0.11
176048_at	WBGene00021516	IV	Y41D4B.14	0.77	0.00	0.10
191433_s_at	WBGene00008502	IV	F01G4.3	0.77	0.01	0.13
179228_at	WBGene00011124	IV	sdz-27	0.77	0.00	0.07
183797_at	WBGene00015607	II	fbxb-13	0.77	0.00	0.10
185010_at	WBGene00020361	II	fbxc-19	0.77	0.00	0.10
180565_at	WBGene00012003	II	T24H10.5	0.77	0.00	0.07
192179_s_at	WBGene00015132	III	B0303.14	0.77	0.01	0.12
185206_s_at	WBGene00013224	IV	Y55D9A.2	0.77	0.00	0.11
191082_at	WBGene00009165	I	F26E4.12	0.77	0.00	0.05
186296_s_at	WBGene00018014	II	F33G12.2	0.77	0.01	0.11
176456_s_at	WBGene00018679	IV	F52C12.2	0.77	0.00	0.09
177461_at	WBGene00009015	V	F21D9.1	0.78	0.01	0.11
194219_x_at	WBGene00015974	I	C18E3.5	0.78	0.01	0.13
186719_s_at	WBGene00022881	II	ZK1248.11	0.78	0.01	0.12
175841_at	WBGene00004383	II	rmh-2	0.78	0.00	0.10
178667_at	WBGene00012345	I	W08E3.4	0.78	0.01	0.12
184720_at	WBGene00022851	II	ZK1127.4	0.78	0.00	0.11
179683_at	WBGene00008080	III	C44B9.3	0.78	0.01	0.12
180772_at	WBGene00011542	V	fbxa-104	0.78	0.01	0.12
177229_at	WBGene00021557	V	Y45G5AM.5	0.78	0.00	0.05
184250_s_at	WBGene00006558	IV	tbx-39	0.78	0.01	0.12

192707_at	WBGene00001981	X	hnd-1	0.78	0.00	0.05
189571_at	WBGene00000023	I	abt-5	0.78	0.00	0.03
193015_s_at	WBGene00003601	I	nhr-2	0.79	0.00	0.07
177726_at	WBGene00010480	III	K01G5.9	0.79	0.00	0.07
188135_s_at	WBGene00006962	X	xol-1	0.79	0.01	0.12
178003_at	WBGene00007960	IV	C35D6.3	0.79	0.01	0.12
189968_s_at	WBGene00000615	II	col-38	0.79	0.01	0.12
174495_at	WBGene00010519	X	K03A11.1	0.79	0.01	0.12
192022_at	WBGene00000461	X	ceh-40	0.80	0.00	0.10
175689_s_at	WBGene00002072	V	ima-1	0.80	0.00	0.10
173279_s_at	WBGene00001150	V	ech-1	0.80	0.00	0.10
171931_s_at	WBGene00007787	V	C27H6.8	0.80	0.00	0.07
180465_at	WBGene00015460	V	C05C8.1	0.80	0.00	0.10
177264_at	WBGene00010913	II	M110.3	0.80	0.01	0.12
174604_at	WBGene00007624	III	C16C10.3	0.80	0.01	0.11
173000_s_at	WBGene00010435	IV	JC8.2	0.80	0.00	0.11
181763_at	WBGene00010568	I	K04G2.10	0.80	0.00	0.11
177029_at	WBGene00022357	III	kbp-4	0.80	0.00	0.09
187395_s_at	WBGene00015160	III	B0361.6	0.80	0.01	0.11
186630_at	WBGene00018442	II	sdz-18	0.80	0.00	0.08
181355_s_at	WBGene00008380	V	D1054.14	0.81	0.00	0.08
193707_s_at	WBGene00007631	III	wht-3	0.81	0.00	0.07
180984_at	WBGene00019591	II	fbxc-25	0.81	0.01	0.12
179475_s_at	WBGene00009223	V	F28F8.5	0.81	0.00	0.10
174921_s_at	WBGene00020287	IV	T06A10.4	0.81	0.00	0.11
192954_at	WBGene00011411	III	sel-13	0.81	0.00	0.10
183012_at	WBGene00015941	II	C18A3.3	0.81	0.00	0.08
190678_s_at	WBGene00019433	I	acdh-3	0.81	0.00	0.10
184774_at	WBGene00021180	IV	Y9C9A.13	0.81	0.00	0.11
184364_at	WBGene00013234	III	fbxb-24	0.81	0.00	0.07
185338_at	WBGene00018436	II	fbxb-11	0.81	0.00	0.10
177705_at	WBGene00012063	V	fbxb-1	0.81	0.00	0.08
183670_at	WBGene00015939	II	C18A3.1	0.81	0.00	0.11
180216_at	WBGene00077495	V	Y20C6A.4	0.81	0.00	0.09
185272_at	WBGene00001033	IV	dj-15	0.81	0.00	0.08
187581_at	WBGene00015105	III	B0280.10	0.82	0.00	0.09
175196_s_at	WBGene00010341	X	F59F5.2	0.82	0.01	0.12
173891_s_at	WBGene00021552	I	zip-4	0.82	0.01	0.12
184340_at	WBGene00013230	III	fbxb-22	0.82	0.01	0.13
187285_at	WBGene00015349	III	C02F5.6	0.82	0.00	0.11
179637_at	WBGene00008197	IV	C49C3.7	0.82	0.01	0.12
192731_at	WBGene00011399	III	T03F6.3	0.83	0.00	0.11
183776_at	WBGene00017159	III	F01F1.2	0.83	0.00	0.10
183817_at	WBGene00019400	III	K04G7.1	0.83	0.00	0.09
176337_at	WBGene00021741	V	Y50D4B.2	0.83	0.00	0.11
173953_at	WBGene00016182	IV	C28C12.12	0.83	0.00	0.10
186582_s_at	WBGene00021648	I	mis-12	0.83	0.01	0.12
175514_at	WBGene00016421	I	C34G6.5	0.83	0.00	0.11
186907_at	WBGene00007022	II	mdt-22	0.83	0.00	0.10
191919_at	WBGene00009202	II	F28C6.1	0.83	0.00	0.10
192534_at	WBGene00003926	I	pas-5	0.83	0.00	0.10
179456_at	WBGene00008196	IV	C49C3.6	0.84	0.00	0.11
192720_at	WBGene00006963	I	xpa-1	0.84	0.00	0.10
188735_at	WBGene00013816	V	helicase	0.84	0.00	0.10
191739_at	WBGene00015807	III	C16A3.2	0.84	0.01	0.12
187482_at	WBGene00019630	III	K10D2.4	0.84	0.00	0.11
185940_at	WBGene00018149	III	F37C12.1	0.84	0.00	0.11
182047_at	WBGene00009179	II	kbp-3	0.84	0.00	0.08
189817_at	WBGene00009009	IV	F21D5.4	0.84	0.01	0.12
185620_at	WBGene00017251	II	fbxb-105	0.84	0.00	0.09
180865_at	WBGene00016298	II	fbxc-14	0.84	0.00	0.10
172404_x_at	WBGene00011591	V	T07F10.5	0.84	0.00	0.10
181676_at	WBGene00015112	II	B0281.5	0.84	0.00	0.03
177673_s_at	WBGene00009733	III	F45G2.7	0.84	0.00	0.08
178222_at	WBGene00007187	III	tag-342	0.84	0.00	0.10
192856_at	WBGene00004320	V	rbx-1	0.84	0.01	0.12
183068_at	WBGene00020543	III	fbxb-83	0.85	0.00	0.07
189774_at	WBGene00015565	X	C07D8.6	0.85	0.01	0.12
180444_s_at	WBGene00022620	IV	ZC477.5	0.85	0.00	0.10
174755_s_at	WBGene00012395	II	Y6D1A.1	0.85	0.01	0.11
180012_at	WBGene00022559	II	fbxb-20	0.85	0.00	0.10
176756_s_at	WBGene00018921	I	sago-2	0.85	0.01	0.12
190915_at	WBGene00004680	II	rrt-2	0.86	0.01	0.12
185673_s_at	WBGene00018920	V	F56A4.12	0.86	0.01	0.12
191983_s_at	WBGene00001150	V	ech-1	0.86	0.00	0.08
179179_at	WBGene00010836	X	M03B6.4	0.86	0.00	0.07
181924_at	WBGene00019037	II	fbxb-17	0.86	0.00	0.04

186787_s_at	WBGene00006389	III	taf-7.2	0.86	0.01	0.11
188936_at	WBGene00010038	III	rheb-1	0.86	0.00	0.10
176535_at	WBGene00021471	I	Y39G10AR.15	0.86	0.00	0.11
174472_at	WBGene00018830	III	F54E7.8	0.86	0.00	0.09
173638_s_at	WBGene00022673	III	ZK177.8	0.86	0.01	0.12
171872_s_at	WBGene00013434	III	Y66D12A.8	0.86	0.01	0.12
177088_at	WBGene00010439	IV	JC8.7	0.86	0.00	0.07
179910_s_at	WBGene00017911	II	fbxb-106	0.86	0.00	0.11
191587_at	WBGene00006732	I	uev-3	0.86	0.01	0.12
183920_s_at	WBGene00019313	II	btb-10	0.86	0.00	0.09
181454_s_at	WBGene00007195	IV	B0513.2	0.86	0.00	0.09
186103_at	WBGene00022265	V	Y73C8C.8	0.86	0.01	0.12
177230_at	WBGene00011267	III	fbxb-85	0.87	0.00	0.11
184574_at	WBGene00013222	II	Y54G11B.1	0.87	0.00	0.10
176670_at	WBGene00018423	III	F44E2.10	0.87	0.01	0.12
181348_at	WBGene00017801	III	F26A1.1	0.87	0.00	0.10
187213_at	WBGene00017134	II	EEED8.3	0.87	0.00	0.11
177293_s_at	WBGene00021359	IV	Y37E11AL.3	0.87	0.01	0.12
183155_at	WBGene00017069	IV	D2096.1	0.87	0.00	0.11
176919_at	WBGene00021676	I	Y48G1C.1	0.87	0.00	0.11
172161_x_at	WBGene00009510	I	F37D6.4	0.87	0.00	0.10
186345_at	WBGene00019239	V	H24K24.2	0.87	0.01	0.12
180246_s_at	WBGene00012715	III	Y39E4B.2	0.87	0.00	0.10
179501_at	WBGene00007182	V	fbxb-119	0.87	0.00	0.08
184396_at	WBGene00016728	I	C46H11.2	0.87	0.01	0.11
184487_at	WBGene00044326	IV	tag-322	0.87	0.00	0.08
176553_s_at	WBGene00022434	V	Y108G3AL.2	0.87	0.00	0.11
179374_at	WBGene00011770	X	T14G8.2	0.87	0.00	0.07
190873_at	WBGene00000886	II	cyn-10	0.87	0.01	0.12
186402_at	WBGene00019690	II	set-13	0.87	0.01	0.12
183680_at	WBGene00020411	I	T10E9.1	0.88	0.00	0.10
181022_s_at	WBGene00017101	III	E02H9.3	0.88	0.01	0.12
185813_at	WBGene00019042	II	fbxc-21	0.88	0.00	0.09
182711_at	WBGene00005965	V	srx-74	0.88	0.01	0.12
175220_s_at	WBGene00019815	V	kin-34	0.88	0.00	0.11
175205_s_at	WBGene00008488	IV	F01D4.5	0.88	0.00	0.10
177649_s_at	WBGene00008569	I	fbxa-101	0.88	0.00	0.10
178585_s_at	WBGene00019797	II	fbxb-31	0.89	0.00	0.10
186925_at	WBGene00013383	IV	Y62E10A.17	0.89	0.00	0.11
181576_at	WBGene00018746	II	fbxb-103	0.89	0.01	0.11
185115_s_at	WBGene00021719	II	fbxb-104	0.89	0.00	0.09
176694_at	WBGene00016885	II	fbxb-97	0.90	0.00	0.04
177984_at	WBGene00010846	IV	M04B2.2	0.90	0.00	0.08
182400_at	WBGene00011035	I	R05D11.7	0.90	0.00	0.10
184397_s_at	WBGene00016728	I	C46H11.2	0.90	0.00	0.11
181978_at	WBGene00017343	II	F10E7.1	0.90	0.00	0.09
187274_at	WBGene00007270	III	C03C10.4	0.90	0.00	0.09
175351_at	WBGene00013436	III	Y66D12A.10	0.90	0.01	0.12
186540_at	WBGene00016449	III	C35D10.13	0.90	0.00	0.09
172156_x_at	WBGene00021898	IV	Y54G2A.36	0.90	0.00	0.10
179419_at	WBGene00010140	III	F56A8.4	0.90	0.00	0.08
173406_at	WBGene00022348	III	Y82E9BR.16	0.91	0.01	0.12
175183_at	WBGene00010132	III	F55H2.7	0.91	0.00	0.10
184436_at	WBGene00019043	II	fbxc-26	0.91	0.00	0.08
180043_at	WBGene00018795	III	F54C4.4	0.91	0.01	0.13
172864_x_at	WBGene00002241	V	kup-1	0.91	0.00	0.08
177529_at	WBGene00077500	V	C27H6.9	0.91	0.01	0.13
177653_s_at	WBGene00011237	IV	R11A8.2	0.91	0.00	0.10
177652_at	WBGene00011237	IV	R11A8.2	0.91	0.01	0.12
179895_at	WBGene00019420	II	fbxb-46	0.91	0.00	0.05
184914_at	WBGene00020362	II	fbxb-10	0.92	0.00	0.10
176569_s_at	WBGene00022399	V	Y97E10AR.4	0.92	0.01	0.12
174341_at	WBGene00015595	II	bath-33	0.92	0.01	0.12
184544_at	WBGene00018437	II	btb-8	0.92	0.00	0.08
193516_at	WBGene00007697	IV	C24F3.2	0.92	0.01	0.12
185671_s_at	WBGene00019136	II	F59H6.5	0.92	0.00	0.10
184837_at	WBGene00013756	V	ftt-1	0.92	0.00	0.08
178558_at	WBGene00010219	II	F57G9.3	0.92	0.00	0.07
173077_s_at	WBGene00009507	I	mus-101	0.92	0.00	0.08
178560_at	WBGene00010120	X	F55G7.2	0.92	0.00	0.07
190791_at	WBGene00002064	III	iff-1	0.93	0.00	0.10
173383_s_at	WBGene00011311	II	T01B7.5	0.93	0.01	0.11
193002_at	WBGene00006938	II	wee-1.1	0.93	0.01	0.12
180466_s_at	WBGene00015460	V	C05C8.1	0.93	0.00	0.08
187899_s_at	WBGene00006377	I	syp-3	0.93	0.01	0.12
187639_at	WBGene00017752	III	sdz-15	0.93	0.01	0.12
176773_at	WBGene00018452	II	F45D11.5	0.93	0.00	0.10

180616_at	WBGene00020672	X	T22B7.3	0.93	0.00	0.04
179516_at	WBGene00003133	II	mat-2	0.93	0.00	0.10
183931_at	WBGene00008138	II	C47D12.4	0.93	0.00	0.10
188041_s_at	WBGene00003835	V	nxf-2	0.93	0.00	0.10
173761_at	WBGene00006311	V	sun-1	0.93	0.01	0.12
189372_s_at	WBGene00000973	III	dhs-9	0.93	0.00	0.10
178765_at	WBGene00011319	V	T01C3.2	0.93	0.00	0.08
183105_at	WBGene00012527	V	set-22	0.94	0.00	0.10
190918_at	WBGene00003581	I	ndx-4	0.94	0.01	0.12
176759_s_at	WBGene00001104	IV	dsl-2	0.94	0.00	0.05
187453_at	WBGene00019458	III	K06H7.7	0.94	0.00	0.10
173167_s_at	WBGene00001607	IV	gln-6	0.94	0.00	0.11
175522_s_at	WBGene00017165	III	F01F1.11	0.94	0.00	0.10
179436_at	WBGene00011410	III	T04A8.8	0.94	0.00	0.09
180515_at	WBGene00016880	II	fbxb-95	0.94	0.00	0.03
177575_at	WBGene00011432	I	sdz-30	0.94	0.00	0.11
174332_s_at	WBGene00007623	III	C16C10.2	0.94	0.01	0.12
178066_at	WBGene00009546	IV	fbxb-3	0.95	0.00	0.03
178288_at	WBGene00011704	V	sdz-31	0.95	0.00	0.10
178793_s_at	WBGene00012240	I	W04A8.5	0.95	0.00	0.07
177265_s_at	WBGene00021846	I	ztf-23	0.95	0.00	0.10
176882_at	WBGene00021542	IV	Y43B11AL.1	0.95	0.00	0.05
189213_at	WBGene00016980	III	C56G2.5	0.95	0.01	0.12
175688_at	WBGene00002072	V	ima-1	0.95	0.01	0.12
192172_s_at	WBGene00017135	II	EEED8.4	0.95	0.00	0.07
190752_at	WBGene00007500	II	nasp-1	0.96	0.00	0.07
178734_at	WBGene00007447	IV	fbxb-9	0.96	0.00	0.06
184577_at	WBGene00006558	IV	tbx-39	0.96	0.01	0.12
176679_s_at	WBGene00016886	II	fbxb-96	0.96	0.00	0.04
178824_at	WBGene000077663	V	F55C9.14	0.96	0.00	0.09
187607_at	WBGene00022803	III	ZK688.9	0.96	0.01	0.12
184706_at	WBGene00019045	II	fbxb-47	0.96	0.00	0.10
188742_at	WBGene00007099	V	trx-2	0.96	0.00	0.10
176061_at	WBGene00022794	III	ZK686.4	0.96	0.00	0.10
193287_s_at	WBGene00009507	I	mus-101	0.96	0.00	0.11
188625_at	WBGene00008316	I	dod-18	0.96	0.00	0.09
181506_at	WBGene00019757	V	gosr-2.2	0.97	0.00	0.11
193407_at	WBGene00009563	I	F39H2.3	0.97	0.00	0.11
183011_at	WBGene00020544	III	fbxb-84	0.97	0.00	0.04
189225_s_at	WBGene00019814	V	R02C2.1	0.97	0.00	0.09
183587_at	WBGene00009588	IV	F40F11.3	0.97	0.01	0.12
187672_s_at	WBGene00003983	II	pes-10	0.97	0.00	0.07
189438_s_at	WBGene00008802	II	F14E5.4	0.97	0.00	0.08
179603_at	WBGene00010195	II	F57C2.3	0.98	0.00	0.11
174284_s_at	WBGene00017405	II	bath-31	0.98	0.00	0.10
173663_at	WBGene00012128	IV	T28F3.1	0.99	0.00	0.08
182809_at	WBGene00016373	IV	C33H5.6	0.99	0.00	0.11
179645_s_at	WBGene00010142	III	F56A8.8	0.99	0.01	0.11
179577_at	WBGene00010101	V	fbxb-57	0.99	0.00	0.06
184598_at	WBGene00019041	II	fbxc-22	0.99	0.00	0.08
178313_at	WBGene00011389	I	T02G6.6	1.00	0.00	0.03
185577_s_at	WBGene00004750	II	sea-1	1.00	0.00	0.11
183620_at	WBGene00021056	II	W06B4.1	1.01	0.00	0.11
184261_at	WBGene00015852	II	C16C8.14	1.01	0.01	0.12
178095_at	WBGene00013857	IV	ZC168.3	1.01	0.00	0.08
173019_s_at	WBGene00002241	V	kup-1	1.01	0.00	0.10
179085_at	WBGene00010099	V	fbxb-117	1.01	0.01	0.12
187565_at	WBGene00022669	II	ZK177.1	1.01	0.00	0.11
178438_s_at	WBGene00020091	I	rnp-8	1.01	0.00	0.11
189269_at	WBGene00016939	X	C55B6.1	1.02	0.00	0.10
178367_at	WBGene00010689	X	K08H2.2	1.02	0.00	0.10
178897_s_at	WBGene00012041	I	T26E3.8	1.02	0.00	0.10
183019_at	WBGene00020542	III	fbxb-82	1.02	0.00	0.08
187039_at	WBGene00002032	IV	htp-1	1.02	0.01	0.12
178627_s_at	WBGene00008403	II	D2013.3	1.02	0.00	0.06
178410_s_at	WBGene00011012	X	R04D3.4	1.02	0.01	0.11
186914_s_at	WBGene00013796	IV	Y116A8C.19	1.02	0.00	0.09
183220_at	WBGene00016891	V	C53A3.1	1.03	0.00	0.10
185351_at	WBGene00016550	II	C40A11.7	1.03	0.00	0.07
185943_at	WBGene00019002	I	F57B10.4	1.03	0.01	0.12
180352_at	WBGene00009093	V	F23H12.3	1.03	0.00	0.05
177194_at	WBGene00011229	X	R11.4	1.03	0.00	0.10
193389_at	WBGene00007887	IV	C33A12.12	1.03	0.00	0.07
192150_at	WBGene00006463	III	nduf-2.2	1.03	0.01	0.12
182810_at	WBGene00015898	V	sre-9	1.03	0.00	0.11
179143_at	WBGene00008157	I	C47F8.1	1.04	0.01	0.12
183295_at	WBGene00015624	X	C09B8.5	1.04	0.00	0.08

177382_at	WBGene00007083	V	AH10.2	1.04	0.01	0.12
177311_at	WBGene00016993	V	CD4.8	1.04	0.00	0.06
187001_at	WBGene00013508	I	Y71A12B.11	1.04	0.00	0.04
190157_at	WBGene00014256	II	ZK1320.7	1.05	0.01	0.12
188954_s_at	WBGene00013816	V	helicase	1.05	0.01	0.12
182037_at	WBGene00018690	X	fbxa-46	1.05	0.00	0.08
186608_s_at	WBGene00000383	II	cdc-14	1.05	0.01	0.11
175920_at	WBGene00044694	II	fbxb-90	1.06	0.00	0.01
173336_s_at	WBGene00011155	I	R09B3.2	1.06	0.00	0.11
172251_x_at	WBGene00015414	IV	C04C3.4	1.06	0.00	0.10
193950_s_at	WBGene00001433	I	fkf-8	1.06	0.00	0.07
189530_s_at	WBGene00021535	III	wht-7	1.06	0.00	0.09
179099_at	WBGene00044314	II	fbxb-33	1.06	0.01	0.12
172380_x_at	WBGene00018531	I	F47B3.7	1.06	0.00	0.10
189626_s_at	WBGene00001607	IV	gln-6	1.06	0.01	0.12
174110_at	WBGene00018021	II	F34D6.1	1.07	0.01	0.11
174148_at	WBGene00077500	V	C27H6.9	1.07	0.01	0.13
175070_at	WBGene00013433	III	Y66D12A.7	1.07	0.01	0.11
180018_at	WBGene00045498	I	F56F4.8	1.07	0.00	0.07
184961_s_at	WBGene00001964	II	hlh-25	1.07	0.00	0.07
187168_s_at	WBGene00015321	X	fbxc-38	1.07	0.00	0.10
175430_s_at	WBGene00001598	I	glh-1	1.07	0.00	0.08
182272_at	WBGene00018471	IV	F45E4.6	1.07	0.00	0.10
176940_at	WBGene00021541	IV	Y42H9B.3	1.07	0.00	0.11
180433_at	WBGene00010637	IV	K07F5.12	1.08	0.00	0.11
184588_at	WBGene00013278	II	Y57A10B.6	1.08	0.01	0.11
194079_at	WBGene00000974	III	dhs-11	1.08	0.00	0.10
172898_x_at	WBGene00017140	II	EEED8.12	1.08	0.00	0.06
190045_at	WBGene00021153	IV	Y4C6A.3	1.08	0.01	0.12
173792_s_at	WBGene00007791	III	C28A5.6	1.09	0.00	0.10
182956_at	WBGene00018021	II	F34D6.1	1.09	0.00	0.10
186384_s_at	WBGene00012841	II	Y43F11A.1	1.09	0.00	0.07
179721_at	WBGene00018236	X	fbxb-71	1.09	0.00	0.07
179405_at	WBGene00009067	X	F23A7.1	1.09	0.00	0.09
183581_at	WBGene00018598	I	F48C1.5	1.09	0.00	0.10
187257_s_at	WBGene00004049	I	pme-1	1.10	0.00	0.10
177405_at	WBGene00009410	I	F35E2.2	1.10	0.00	0.07
182828_at	WBGene00017365	V	F10G2.4	1.10	0.00	0.10
183765_s_at	WBGene00009374	III	F34D10.4	1.10	0.00	0.11
172877_x_at	WBGene00001435	X	fkf-3	1.11	0.00	0.09
183690_at	WBGene00007454	IV	C08F11.7	1.11	0.00	0.09
188889_at	WBGene00011145	III	caltractin	1.11	0.01	0.12
178782_at	WBGene00008384	I	D1081.6	1.11	0.01	0.12
183635_s_at	WBGene00015310	IV	C01G5.8	1.11	0.00	0.07
175301_at	WBGene00020548	III	T17A3.12	1.12	0.00	0.08
178706_s_at	WBGene00008782	I	sdz-14	1.12	0.00	0.09
174053_s_at	WBGene00016501	V	C37C3.9	1.12	0.01	0.12
185215_at	WBGene00012916	II	Y46G5A.28	1.12	0.00	0.06
186466_s_at	WBGene00012879	IV	fbxa-215	1.12	0.00	0.10
190711_at	WBGene00001598	I	glh-1	1.12	0.00	0.05
175549_s_at	WBGene00011066	I	ztf-15	1.13	0.00	0.11
189206_at	WBGene00010606	X	cyp-13B2	1.13	0.00	0.05
178300_at	WBGene00008755	IV	sdz-13	1.13	0.01	0.11
183414_at	WBGene00009088	X	F23D12.4	1.13	0.01	0.11
178156_at	WBGene00011451	V	T04H1.5	1.13	0.00	0.10
184738_at	WBGene00013248	II	Y57A10A.3	1.13	0.00	0.03
189659_s_at	WBGene00013894	I	ZC434.8	1.13	0.01	0.12
179644_at	WBGene00010142	III	F56A8.8	1.13	0.00	0.10
180011_at	WBGene00012247	V	W04E12.2	1.14	0.00	0.10
189546_s_at	WBGene00017538	V	ceh-49	1.14	0.00	0.10
173697_s_at	WBGene00017358	III	F10E9.7	1.14	0.00	0.10
187415_at	WBGene00015129	III	sdz-1	1.14	0.00	0.09
178096_s_at	WBGene00013857	IV	ZC168.3	1.14	0.00	0.08
189756_s_at	WBGene00009658	II	F43G6.5	1.15	0.00	0.08
194172_s_at	WBGene00022025	I	Y65B4A.1	1.15	0.01	0.12
187177_at	WBGene00015747	III	C13G5.2	1.15	0.01	0.11
184641_at	WBGene00013699	I	Y106G6D.2	1.15	0.00	0.08
193922_at	WBGene00009537	IV	ccch-2	1.15	0.00	0.09
175202_at	WBGene00017696	III	polk-1	1.15	0.00	0.09
177359_at	WBGene00022395	V	Y97E10AM.1	1.15	0.00	0.09
180916_at	WBGene00015633	I	C09D4.2	1.16	0.01	0.12
179649_s_at	WBGene00007545	II	C13B4.1	1.16	0.00	0.09
182209_s_at	WBGene00020261	I	T05E7.5	1.16	0.00	0.10
184104_at	WBGene00008844	II	F15A4.10	1.16	0.01	0.12
193775_at	WBGene00004808	I	skr-2	1.16	0.01	0.12
172490_at	WBGene00018204	X	F39F10.4	1.16	0.00	0.07
190569_at	WBGene00020757	III	ucr-2.3	1.17	0.00	0.08

179429_at	WBGene00009297	V	sdz-16	1.17	0.00	0.10
185127_s_at	WBGene00016303	II	fbxc-32	1.17	0.00	0.08
188777_s_at	WBGene00012128	IV	T28F3.1	1.17	0.00	0.07
175276_at	WBGene00044762	III	ZK688.11	1.17	0.00	0.11
184570_s_at	WBGene00001103	IV	dsl-1	1.18	0.00	0.08
188842_at	WBGene00006374	IV	syn-4	1.18	0.01	0.12
179568_at	WBGene00009862	I	fbxb-67	1.18	0.00	0.07
179988_s_at	WBGene00009643	II	F42G4.6	1.18	0.01	0.11
176077_at	WBGene00021514	IV	Y41D4B.11	1.18	0.00	0.07
177326_at	WBGene00021364	IV	Y37E11AL.9	1.18	0.00	0.10
190724_s_at	WBGene00001435	X	fkx-3	1.19	0.00	0.10
179004_at	WBGene00012111	III	T28A8.5	1.19	0.00	0.06
190112_s_at	WBGene00022817	III	upp-1	1.19	0.00	0.07
182138_at	WBGene00007342	II	C05D12.5	1.19	0.00	0.08
175418_s_at	WBGene00009182	II	F26H11.4	1.20	0.00	0.11
184736_at	WBGene00021535	III	wht-7	1.20	0.00	0.11
175471_s_at	WBGene00011988	I	T24D1.5	1.21	0.01	0.12
183330_s_at	WBGene00015623	X	C09B8.4	1.21	0.00	0.08
179712_at	WBGene00020064	III	kbp-1	1.21	0.00	0.08
174877_at	WBGene00013443	III	such-1	1.21	0.01	0.12
182154_at	WBGene00020466	I	T12F5.1	1.21	0.00	0.05
180270_at	WBGene00020433	IV	T11F8.1	1.22	0.00	0.07
186368_at	WBGene00012654	III	Y39A1A.16	1.22	0.00	0.07
192790_s_at	WBGene00010000	V	F53F8.3	1.22	0.00	0.09
188650_at	WBGene00004985	IV	spo-11	1.22	0.01	0.11
174135_at	WBGene00002033	IV	htp-2	1.22	0.00	0.10
189610_at	WBGene00011791	II	T15H9.6	1.22	0.00	0.10
176893_at	WBGene00021282	IV	set-21	1.23	0.00	0.08
183290_at	WBGene00011117	III	R07E5.11	1.23	0.01	0.12
186520_at	WBGene00013797	IV	Y116A8C.20	1.23	0.01	0.12
177881_at	WBGene00009415	I	F35E2.8	1.23	0.00	0.09
178955_at	WBGene00009721	V	F45D3.1	1.23	0.00	0.07
186518_s_at	WBGene00013794	IV	dct-13	1.23	0.00	0.09
175878_s_at	WBGene00009224	V	F28F8.7	1.23	0.00	0.03
180755_at	WBGene00020351	IV	T08B6.1	1.24	0.00	0.10
185453_at	WBGene00019197	III	H14A12.5	1.24	0.01	0.12
182668_s_at	WBGene00018721	III	polh-1	1.24	0.00	0.07
179146_at	WBGene00012110	III	T28A8.4	1.24	0.00	0.09
187457_at	WBGene00015180	X	B0416.4	1.24	0.01	0.11
174131_s_at	WBGene00015747	III	C13G5.2	1.24	0.01	0.12
175832_s_at	WBGene00001214	I	ego-1	1.24	0.01	0.12
184073_at	WBGene00006623	V	try-5	1.26	0.00	0.11
190705_s_at	WBGene00015894	II	acd-2	1.26	0.00	0.11
192742_s_at	WBGene00001372	I	exo-3	1.27	0.00	0.09
183904_at	WBGene00020438	III	T12A2.3	1.27	0.01	0.12
186945_s_at	WBGene00013799	IV	Y116A8C.22	1.27	0.00	0.11
178957_s_at	WBGene00008503	IV	F01G4.4	1.28	0.00	0.06
181364_s_at	WBGene00017450	II	bath-27	1.28	0.01	0.12
176089_at	WBGene00021165	V	Y5H2B.3	1.28	0.01	0.13
182188_s_at	WBGene00022532	III	ZC155.4	1.29	0.00	0.07
181898_at	WBGene00018245	III	F40G9.9	1.30	0.00	0.07
184631_at	WBGene00013698	I	Y106G6D.1	1.30	0.00	0.10
178059_s_at	WBGene00012220	II	W03C9.2	1.30	0.01	0.12
176710_at	WBGene00015156	III	B0361.2	1.31	0.00	0.11
184609_at	WBGene00002143	I	inx-21	1.31	0.00	0.07
182337_at	WBGene00012851	V	Y44A6C.2	1.32	0.00	0.06
179826_s_at	WBGene00017738	I	F23C8.9	1.32	0.01	0.11
178480_at	WBGene00008016	V	C38D9.8	1.32	0.00	0.10
180649_at	WBGene00016455	I	C35E7.3	1.32	0.00	0.10
175061_s_at	WBGene00020354	IV	T08B6.5	1.32	0.00	0.09
193646_s_at	WBGene00011376	I	gla-3	1.33	0.00	0.11
178397_s_at	WBGene00014143	X	ZK899.5	1.33	0.00	0.05
177963_at	WBGene00011915	I	T22C1.4	1.33	0.01	0.12
182411_at	WBGene00012564	V	fbxa-107	1.33	0.00	0.11
188679_s_at	WBGene00018698	V	vha-18	1.33	0.00	0.11
178748_at	WBGene00008784	I	F14B6.3	1.34	0.00	0.07
185257_at	WBGene00013556	III	Y75B8A.23	1.34	0.00	0.03
176268_at	WBGene00022320	III	Y82E9BL.3	1.34	0.00	0.08
179017_at	WBGene00007278	I	C03D6.6	1.37	0.00	0.10
184568_at	WBGene00013019	I	Y48G10A.2	1.39	0.00	0.01
191858_s_at	WBGene00022737	III	ZK418.8	1.40	0.00	0.11
190820_s_at	WBGene00013881	IV	h(9)-alpha-mannosid	1.41	0.00	0.11
177698_s_at	WBGene00011959	IV	T23G4.3	1.41	0.00	0.01
183261_at	WBGene00010361	X	H03G16.5	1.41	0.00	0.11
185335_at	WBGene00017335	V	F10D2.10	1.41	0.00	0.01
180268_at	WBGene00007850	V	C31G12.1	1.42	0.00	0.07
185458_s_at	WBGene00017584	II	F19B10.2	1.42	0.00	0.10

192848_s_at	WBGene00008417	I	D2030.7	1.42	0.00	0.11
183214_at	WBGene00016150	V	hint-3	1.42	0.00	0.10
175417_s_at	WBGene00017269	III	F08F8.4	1.42	0.00	0.10
184794_s_at	WBGene00009606	V	F40G12.11	1.43	0.01	0.12
190765_at	WBGene00011600	IV	zim-2	1.43	0.00	0.11
173373_s_at	WBGene00013019	I	Y48G10A.2	1.43	0.00	0.03
187411_at	WBGene00001437	III	fkx-5	1.44	0.00	0.07
180892_at	WBGene00020175	II	T02H6.5	1.44	0.00	0.08
183830_at	WBGene00004380	I	rnf-1	1.44	0.00	0.07
181962_at	WBGene00017160	III	F01F1.3	1.44	0.00	0.07
188930_at	WBGene00020394	V	T10B5.8	1.46	0.00	0.07
176251_at	WBGene00022322	III	Y82E9BL.5	1.46	0.00	0.10
185336_s_at	WBGene00017335	V	F10D2.10	1.47	0.00	0.05
183772_at	WBGene00009063	I	F22G12.3	1.47	0.01	0.12
172682_x_at	WBGene00022532	III	ZC155.4	1.47	0.00	0.09
185289_at	WBGene00016056	IV	C24D10.5	1.49	0.00	0.07
193543_at	WBGene00000972	II	dhs-8	1.49	0.00	0.10
186743_at	WBGene00007489	II	C09G5.7	1.50	0.00	0.08
193484_s_at	WBGene00001973	I	hmg-3	1.54	0.00	0.10
184780_s_at	WBGene00013610	V	fbxa-206	1.55	0.00	0.09
173719_s_at	WBGene00021721	II	Y49F6B.9	1.57	0.00	0.08
174540_s_at	WBGene00018531	I	F47B3.7	1.58	0.00	0.05
175091_at	WBGene00022140	I	Y71G12A.4	1.58	0.00	0.09
186566_s_at	WBGene00010227	III	F58A4.2	1.59	0.00	0.10
178011_s_at	WBGene00007580	III	C14B1.9	1.60	0.00	0.10
185404_s_at	WBGene00012581	II	Y38E10A.3	1.63	0.00	0.06
181812_at	WBGene00013208	II	Y54G9A.5	1.64	0.01	0.12
193413_at	WBGene00000056	V	acr-17	1.64	0.00	0.03
173080_s_at	WBGene00014172	II	clpp-1	1.65	0.00	0.07
184702_at	WBGene00002144	I	inx-22	1.65	0.00	0.08
178911_at	WBGene00012109	III	T28A8.3	1.66	0.00	0.07
186310_at	WBGene00021966	II	Y57G7A.2	1.66	0.00	0.03
191833_s_at	WBGene00010678	IV	K08F4.3	1.69	0.00	0.10
185790_at	WBGene00013250	II	Y57A10A.5	1.69	0.00	0.09
175499_s_at	WBGene00002143	I	inx-21	1.70	0.00	0.07
189288_at	WBGene00007419	II	C07E3.9	1.70	0.00	0.02
186311_s_at	WBGene00021966	II	Y57G7A.2	1.71	0.00	0.06
172952_s_at	WBGene00007797	V	C29A12.1	1.71	0.00	0.08
173717_s_at	WBGene00006916	IV	vha-7	1.76	0.00	0.00
186633_s_at	WBGene00021649	I	Y47G6A.25	1.77	0.00	0.01
176978_at	WBGene00021701	III	Y48G9A.7	1.77	0.00	0.11
178144_s_at	WBGene00010149	IV	F56D5.5	1.78	0.00	0.04
181813_s_at	WBGene00013208	II	Y54G9A.5	1.79	0.01	0.12
181542_at	WBGene00007341	II	C05D12.4	1.80	0.00	0.07
185867_s_at	WBGene00013054	V	Y50E8A.11	1.82	0.00	0.11
184432_at	WBGene00013349	V	Y59A8B.12	1.86	0.00	0.09
184486_at	WBGene00019141	II	bath-5	1.89	0.00	0.09
183366_at	WBGene00012698	V	Y39B6A.40	1.89	0.00	0.07
182043_s_at	WBGene00015313	I	C01G8.6	1.94	0.00	0.07
184895_at	WBGene00021633	I	Y47G6A.3	1.95	0.00	0.03
179385_s_at	WBGene00008822	V	F14H3.3	1.96	0.00	0.09
182788_s_at	WBGene00007797	V	C29A12.1	2.06	0.00	0.09
187525_s_at	WBGene00015102	III	cpg-2	2.11	0.01	0.12
178358_at	WBGene00009437	IV	F35G2.3	2.15	0.00	0.01
194163_s_at	WBGene00015102	III	cpg-2	2.20	0.01	0.12
179300_at	WBGene00012112	III	T28A8.6	2.28	0.00	0.02
187982_at	WBGene00006375	V	syp-1	2.35	0.00	0.02
177626_at	WBGene00005241	V	srh-16	2.42	0.00	0.00
193202_at	WBGene00005082	V	srd-4	2.43	0.00	0.01
184601_at	WBGene00001044	IV	dnj-26	2.60	0.00	0.07
191485_at	WBGene00008304	V	C54D10.10	2.66	0.00	0.00
185158_s_at	WBGene00016336	II	C33C12.4	2.67	0.00	0.02
177742_at	WBGene00009509	I	F37D6.3	2.71	0.00	0.01
184160_at	WBGene00007303	I	rnh-1.3	2.96	0.00	0.01
194156_s_at	WBGene00012965	III	fipr-17	3.48	0.00	0.00

Supplementary Table S2: Genes with changed expression in *lin-54(n3423)* germline

ID	WormBaseID	Chr	Symbol	logFC	P.Value	adj.P.Val
171741_x_at	WBGene00016638	IV	C44B12.5	-1.84	7E-04	0.140
179900_s_at	WBGene00016627	II	C44B7.5	-3.66	2E-04	0.093
190312_at	WBGene00017648	III	F20H11.5	-3.63	2E-05	0.037
191775_s_at	WBGene00012530	V	Y32F6A.5	-2.92	6E-04	0.135
185619_s_at	WBGene00016027	IV	C23H5.8	-2.82	4E-03	0.255
191462_at	WBGene00018271	II	F41C3.5	-2.75	4E-04	0.114
173276_s_at	WBGene00004995	IV	spp-10	-2.71	6E-03	0.279
190835_at	WBGene00002130	IV	inx-8	-2.67	3E-06	0.020
182415_s_at	WBGene00018605	X	F48E3.4	-2.55	7E-05	0.058
188691_s_at	WBGene00009897	II	peroxidase	-2.47	1E-04	0.073
193713_s_at	WBGene00006541	X	tbh-1	-2.46	6E-04	0.133
191401_at	WBGene00005552	II	sri-40	-2.40	2E-05	0.038
185106_at	WBGene00013647	IV	Y105C5B.5	-2.32	7E-03	0.298
179354_s_at	WBGene00007196	IV	B0513.4	-2.23	1E-04	0.074
181509_at	WBGene00015803	X	C15H9.9	-2.18	2E-04	0.084
177366_s_at	WBGene00003037	IV	lin-54	-2.17	2E-03	0.213
186023_s_at	WBGene00016638	IV	C44B12.5	-2.17	3E-04	0.097
179026_at	WBGene00007649	X	C17G1.2	-2.15	1E-04	0.074
184500_s_at	WBGene00016027	IV	C23H5.8	-2.10	4E-03	0.257
178236_s_at	WBGene00003093	IV	lys-4	-2.10	2E-03	0.194
179805_s_at	WBGene00020218	X	T04G9.7	-2.10	4E-05	0.051
180783_at	WBGene00016084	IV	C25A8.4	-2.05	1E-04	0.073
173245_s_at	WBGene00016638	IV	C44B12.5	-2.00	3E-04	0.101
185898_at	WBGene00004995	IV	spp-10	-1.99	4E-03	0.241
193947_s_at	WBGene00016534	X	C39D10.7	-1.96	5E-04	0.123
180551_at	WBGene00018335	IV	F42A9.6	-1.93	8E-04	0.146
186232_s_at	WBGene00016636	IV	C44B12.1	-1.80	2E-03	0.206
171986_x_at	WBGene00020862	V	fip-2	-1.78	8E-03	0.306
179228_at	WBGene00011124	IV	sdz-27	-1.78	1E-06	0.017
173341_at	WBGene00001816	I	haf-6	-1.74	1E-03	0.159
178323_s_at	WBGene00011139	X	R08B4.3	-1.68	4E-03	0.236
186231_at	WBGene00016636	IV	C44B12.1	-1.60	1E-03	0.182
172758_x_at	WBGene00001922	IV	his-48	-1.53	3E-05	0.045
188963_at	WBGene00001941	I	his-67	-1.50	4E-04	0.112
173898_at	WBGene00015168	X	tag-320	-1.48	1E-04	0.071
173151_s_at	WBGene00015887	II	C17C3.1	-1.48	4E-03	0.236
172891_x_at	WBGene00001922	IV	his-48	-1.44	9E-06	0.025
182653_at	WBGene00019937	X	R07E4.3	-1.41	8E-03	0.312
172156_x_at	WBGene00021898	IV	Y54G2A.36	-1.37	6E-05	0.054
173475_s_at	WBGene00014030	III	glb-1	-1.37	2E-03	0.206
173487_at	WBGene00011010	X	R04D3.2	-1.37	6E-05	0.054
172787_x_at	WBGene00001938	IV	his-64	-1.35	1E-03	0.178
172947_at	WBGene00003963	X	pdi-2	-1.34	1E-03	0.166
172702_x_at	WBGene00001936	IV	his-62	-1.33	1E-05	0.033
175231_s_at	WBGene00015903	V	C17E7.9	-1.33	4E-05	0.051
183208_at	WBGene00009373	III	F34D10.3	-1.29	5E-03	0.262
172650_x_at	WBGene00001879	V	his-5	-1.24	3E-03	0.235
182163_s_at	WBGene00018427	V	F44E7.5	-1.24	3E-05	0.047
180014_s_at	WBGene00010617	I	K07A1.13	-1.22	2E-03	0.182
180626_at	WBGene00017177	X	F02E8.4	-1.22	6E-06	0.021

188978_s_at	WBGene00010759	II	beta-synthase	-1.21	7E-04	0.138
190996_at	WBGene00008628	V	ttr-21	-1.19	3E-04	0.112
189807_at	WBGene00000175	X	aqp-7	-1.19	2E-03	0.213
186320_at	WBGene00021730	II	Y49F6C.8	-1.18	3E-04	0.112
192948_at	WBGene00001755	II	gst-7	-1.18	5E-05	0.054
180268_at	WBGene00007850	V	C31G12.1	-1.18	5E-03	0.271
172679_x_at	WBGene00001920	IV	his-46	-1.16	6E-04	0.133
174107_at	WBGene00016902	I	C53D5.1	-1.15	2E-03	0.204
189460_at	WBGene00000512	III	ckb-2	-1.15	7E-05	0.058
185458_s_at	WBGene00017584	II	F19B10.2	-1.15	2E-03	0.204
186925_at	WBGene00013383	IV	Y62E10A.17	-1.14	1E-03	0.178
179741_at	WBGene00020434	IV	T11F8.2	-1.14	1E-03	0.160
177830_at	WBGene00009659	II	F43G6.7	-1.14	1E-03	0.164
174568_s_at	WBGene00015912	II	fbxc-50	-1.14	3E-03	0.234
180433_at	WBGene00010637	IV	K07F5.12	-1.13	8E-05	0.058
189248_at	WBGene00012074	X	T27A8.2	-1.13	4E-04	0.114
192044_at	WBGene00000157	X	aps-2	-1.12	3E-03	0.222
179502_at	WBGene00012123	III	T28D6.3	-1.12	7E-03	0.298
171923_x_at	WBGene00012608	II	Y38F1A.6	-1.12	2E-03	0.207
172661_x_at	WBGene00001905	IV	his-31	-1.12	3E-03	0.222
188031_s_at	WBGene00006890	X	vem-1	-1.12	1E-03	0.165
193179_s_at	WBGene00014031	III	ZK637.14	-1.11	6E-04	0.135
189517_at	WBGene00020471	II	T13B5.3	-1.09	4E-03	0.256
187338_at	WBGene00016678	III	C45G9.7	-1.08	1E-03	0.176
186975_at	WBGene00011501	III	rmd-1	-1.05	9E-04	0.147
172851_x_at	WBGene00001903	IV	his-29	-1.05	5E-05	0.054
174149_at	WBGene00017712	II	F22E5.17	-1.04	5E-04	0.128
182182_at	WBGene00020901	I	T28F2.2	-1.04	2E-03	0.194
180270_at	WBGene00020433	IV	T11F8.1	-1.04	7E-04	0.138
183527_s_at	WBGene00015759	V	C14C6.5	-1.04	1E-02	0.335
172823_x_at	WBGene00001921	IV	his-47	-1.03	1E-05	0.033
189019_at	WBGene00007848	X	C31E10.7	-1.03	1E-02	0.330
175572_s_at	WBGene00010370	I	ctg-1	-1.03	8E-05	0.058
191683_at	WBGene00015778	X	C14F11.1	-1.03	3E-03	0.215
173312_s_at	WBGene00019511	II	K08A2.1	-1.02	6E-04	0.135
174764_at	WBGene00008311	I	rskn-2	-1.01	3E-03	0.215
172649_x_at	WBGene00001935	IV	his-61	-1.01	3E-05	0.047
188165_at	WBGene00004822	IV	skr-16	-1.01	2E-03	0.206
172660_s_at	WBGene00012602	II	Y38E10A.24	-1.00	2E-04	0.084
183375_at	WBGene00004151	V	pqn-68	-0.99	7E-04	0.140
181722_s_at	WBGene00020149	II	T01D1.4	-0.96	8E-04	0.147
189819_s_at	WBGene00014097	IV	ZK829.9	-0.96	5E-03	0.266
183066_at	WBGene00001425	X	fis-2	-0.96	2E-03	0.206
178915_at	WBGene00008207	X	C49F5.3	-0.95	1E-04	0.074
185210_s_at	WBGene00019645	V	K11D12.5	-0.95	7E-04	0.138
176472_s_at	WBGene00021853	III	Y54F10AM.11	-0.94	8E-04	0.143
175021_at	WBGene00018657	X	acl-4	-0.94	2E-03	0.191
181090_at	WBGene00011809	III	T16G12.8	-0.94	9E-03	0.326
191605_at	WBGene00001792	V	gst-44	-0.94	1E-03	0.176
180084_s_at	WBGene00017369	II	F10G7.5	-0.94	1E-04	0.067
172248_x_at	WBGene00011870	III	T20G5.8	-0.93	9E-04	0.148
173895_at	WBGene00020216	X	trap-2	-0.92	6E-03	0.291
178717_at	WBGene00011063	I	cpg-3	-0.92	5E-04	0.133
173309_at	WBGene00021763	I	Y51F10.2	-0.92	3E-03	0.216
173679_s_at	WBGene00007786	V	rmd-2	-0.92	4E-05	0.052

184862_at	WBGene00017532	X	F16H11.3	-0.92	8E-04	0.147
173896_s_at	WBGene00020216	X	trap-2	-0.91	4E-03	0.242
183330_s_at	WBGene00015623	X	C09B8.4	-0.91	3E-04	0.101
186148_s_at	WBGene00018808	II	F54D10.7	-0.91	3E-03	0.216
186071_at	WBGene00018455	II	fbxc-42	-0.91	2E-03	0.194
172733_x_at	WBGene00001879	V	his-5	-0.91	3E-03	0.234
172270_x_at	WBGene00011292	IV	R102.5	-0.90	4E-03	0.242
172671_x_at	WBGene00001912	X	his-38	-0.90	2E-03	0.208
173525_at	WBGene00016469	X	C36B7.6	-0.90	5E-03	0.262
176305_at	WBGene00021264	III	fbxa-13	-0.90	6E-04	0.135
187265_at	WBGene00017934	IV	F30B5.4	-0.89	6E-04	0.135
174048_at	WBGene00003185	X	mek-1	-0.89	9E-04	0.148
183519_at	WBGene00017767	V	F25B4.4	-0.89	9E-04	0.147
192469_at	WBGene00007363	V	stdh-1	-0.89	2E-04	0.086
191695_at	WBGene00008415	I	mce-1	-0.89	9E-04	0.150
179568_at	WBGene00009862	I	fbxb-67	-0.88	2E-04	0.084
178353_s_at	WBGene00011011	X	R04D3.3	-0.88	7E-03	0.295
172218_x_at	WBGene00011869	III	dod-6	-0.87	1E-03	0.176
192421_s_at	WBGene00017166	III	F01F1.12	-0.87	3E-03	0.216
172618_x_at	WBGene00001924	V	his-50	-0.87	3E-03	0.219
172860_x_at	WBGene00001904	IV	his-30	-0.87	5E-05	0.054
185313_at	WBGene00013127	I	Y52B11A.8	-0.87	7E-04	0.141
175673_s_at	WBGene00001130	X	dyn-1	-0.86	8E-03	0.305
190988_at	WBGene00013882	IV	ZC410.5	-0.86	6E-03	0.287
187144_at	WBGene00006739	II	ulp-4	-0.86	7E-03	0.298
175106_at	WBGene00018422	III	F44E2.9	-0.85	1E-04	0.074
172778_x_at	WBGene00001942	I	his-68	-0.85	3E-04	0.095
177953_s_at	WBGene00010701	X	ent-2	-0.85	4E-03	0.248
178653_at	WBGene00012295	X	W06B3.1	-0.85	6E-04	0.135
185314_s_at	WBGene00013127	I	Y52B11A.8	-0.84	8E-04	0.142
174139_at	WBGene00006959	III	xbp-1	-0.84	5E-05	0.054
174749_s_at	WBGene00021596	II	Y46E12BL.3	-0.83	3E-03	0.234
183843_at	WBGene00010981	X	R03A10.1	-0.83	5E-03	0.271
173418_at	WBGene00004788	X	sft-4	-0.83	9E-03	0.329
173340_at	WBGene00016638	IV	C44B12.5	-0.83	1E-02	0.335
174760_at	WBGene00022037	I	acs-13	-0.83	8E-04	0.147
173996_at	WBGene00015894	II	acdH-2	-0.82	1E-04	0.073
186247_at	WBGene00019153	IV	H04M03.3	-0.82	2E-03	0.198
184714_s_at	WBGene00021818	III	Y53G8B.2	-0.82	7E-04	0.139
175306_at	WBGene00001335	X	erp-1	-0.82	7E-04	0.140
187213_at	WBGene00017134	II	EEED8.3	-0.82	6E-03	0.295
185289_at	WBGene00016056	IV	C24D10.5	-0.82	4E-03	0.238
177900_s_at	WBGene00006714	V	ubc-19	-0.81	2E-03	0.185
192491_at	WBGene00007129	X	B0272.3	-0.81	1E-04	0.073
182423_s_at	WBGene00012193	I	W02A11.2	-0.81	2E-03	0.192
173218_s_at	WBGene00020366	X	acdH-10	-0.80	2E-03	0.208
189828_s_at	WBGene00002007	X	hsp-3	-0.80	8E-03	0.311
189774_at	WBGene00015565	X	C07D8.6	-0.80	1E-03	0.160
188959_at	WBGene00006619	II	try-1	-0.79	1E-03	0.159
180443_at	WBGene00017239	I	F08B6.1	-0.79	2E-04	0.084
175073_s_at	WBGene00001167	I	eft-2	-0.79	3E-03	0.235
171814_x_at	WBGene00006529	I	tba-2	-0.79	3E-03	0.234
171773_x_at	WBGene00001502	X	ftt-2	-0.79	7E-03	0.299
177423_at	WBGene00004352	X	rgs-9	-0.79	5E-04	0.133
190539_s_at	WBGene00006546	III	tbx-9	-0.79	7E-03	0.299

175445_at	WBGene00011962	III	T23G5.2	-0.78	2E-03	0.208
175551_at	WBGene00012512	X	ekl-5	-0.78	6E-03	0.287
194024_s_at	WBGene00001167	I	eft-2	-0.77	5E-03	0.267
175017_s_at	WBGene00020784	II	tat-4	-0.77	8E-03	0.307
179489_s_at	WBGene00011292	IV	R102.5	-0.76	3E-03	0.216
182644_s_at	WBGene00016576	II	C41H7.6	-0.76	7E-03	0.299
181646_at	WBGene00020783	II	T24H7.4	-0.76	1E-03	0.159
190863_at	WBGene00006959	III	xbp-1	-0.76	2E-03	0.185
190307_s_at	WBGene00001888	II	his-14	-0.75	3E-03	0.235
185282_s_at	WBGene00018925	IV	F56A11.5	-0.75	4E-04	0.112
183457_s_at	WBGene00012672	V	Y39B6A.10	-0.75	3E-03	0.234
181156_at	WBGene00004989	X	spp-4	-0.75	2E-04	0.084
173544_at	WBGene00007668	X	C18B12.6	-0.75	9E-03	0.317
181413_at	WBGene00017954	II	F31E8.4	-0.74	8E-03	0.312
173058_s_at	WBGene00011282	III	R74.8	-0.74	8E-03	0.311
178340_at	WBGene00010690	X	K08H2.3	-0.74	2E-03	0.195
184970_s_at	WBGene00019158	III	H05C05.2	-0.74	3E-04	0.095
193124_s_at	WBGene00003963	X	pdi-2	-0.74	7E-03	0.298
175018_at	WBGene00016485	X	C36C9.1	-0.74	7E-03	0.299
174982_at	WBGene00018769	II	mat-1	-0.73	3E-03	0.222
194199_x_at	WBGene00006494	X	hke-4.2	-0.73	2E-03	0.208
182605_s_at	WBGene00015200	II	B0454.9	-0.73	5E-03	0.261
188289_s_at	WBGene00020784	II	tat-4	-0.72	6E-03	0.291
178366_at	WBGene00011388	I	T02G6.5	-0.72	1E-03	0.160
175364_at	WBGene00020142	X	aak-2	-0.72	9E-03	0.329
187825_s_at	WBGene00015887	II	C17C3.1	-0.72	8E-03	0.312
173186_s_at	WBGene00012606	II	Y38F1A.2	-0.72	7E-03	0.299
191082_at	WBGene00009165	I	F26E4.12	-0.71	1E-02	0.336
178737_at	WBGene00010648	IV	K08C7.6	-0.71	8E-03	0.305
179273_at	WBGene00007290	X	C04B4.2	-0.71	8E-04	0.147
193944_at	WBGene00001303	V	emo-1	-0.70	2E-04	0.084
176597_at	WBGene00010436	IV	JC8.4	-0.70	2E-04	0.095
182318_s_at	WBGene00016485	X	C36C9.1	-0.70	4E-03	0.257
183594_at	WBGene00016216	III	C29F9.1	-0.70	9E-05	0.065
172514_x_at	WBGene00006726	I	ubl-5	-0.70	6E-03	0.291
183683_at	WBGene00003861	V	oig-3	-0.70	9E-03	0.325
181829_at	WBGene00015232	I	helicase	-0.69	8E-03	0.315
194210_x_at	WBGene00018533	X	F47B7.2	-0.69	4E-03	0.237
193020_at	WBGene00009176	I	F26H9.4	-0.69	7E-03	0.296
189287_at	WBGene00017240	I	F08B6.3	-0.69	8E-03	0.312
175310_s_at	WBGene00014213	X	ZK1073.1	-0.68	1E-02	0.330
191894_at	WBGene00006707	I	ubc-12	-0.68	6E-04	0.135
173804_s_at	WBGene00012020	V	glycogenin	-0.68	6E-03	0.285
192547_s_at	WBGene00015540	IV	C06E7.3	-0.68	3E-04	0.112
178211_at	WBGene00008580	IV	F08G5.1	-0.68	7E-03	0.298
182696_s_at	WBGene00019357	V	cpg-8	-0.68	2E-03	0.185
178940_at	WBGene00001164	X	efn-3	-0.68	2E-03	0.194
181861_at	WBGene00017413	V	F13A2.4	-0.68	4E-04	0.112
171785_x_at	WBGene00016496	V	C37C3.2	-0.68	3E-03	0.234
191955_at	WBGene00009656	II	F43G6.3	-0.67	2E-03	0.208
186549_at	WBGene00014016	III	ZK632.9	-0.67	3E-03	0.234
180842_s_at	WBGene00007886	IV	C33A12.7	-0.67	4E-03	0.261
192191_s_at	WBGene00015538	IV	C06E7.1	-0.67	1E-03	0.159
187154_at	WBGene00013380	IV	Y62E10A.14	-0.67	3E-03	0.216
193639_at	WBGene00010339	X	acl-1	-0.67	2E-04	0.084

183074_at	WBGene00012301	X	W06D11.3	-0.67	7E-03	0.297
175138_s_at	WBGene00018013	V	F33E11.6	-0.66	1E-03	0.181
173724_at	WBGene00015676	X	C10E2.6	-0.66	1E-03	0.159
193697_s_at	WBGene00006910	III	vha-1	-0.66	5E-03	0.277
194241_x_at	WBGene00022292	X	Y75D11A.3	-0.66	7E-04	0.138
173824_at	WBGene00022788	V	ZK682.2	-0.66	3E-03	0.221
181966_s_at	WBGene00019341	II	K02F6.7	-0.65	3E-03	0.234
179315_at	WBGene00008232	V	C50F4.4	-0.65	7E-04	0.141
187409_s_at	WBGene00016062	V	C24G6.8	-0.65	3E-04	0.112
187450_at	WBGene00007068	X	cTel55X.1	-0.65	7E-03	0.296
180083_at	WBGene00017369	II	F10G7.5	-0.65	4E-03	0.236
175852_at	WBGene00019905	II	R05G9.3	-0.65	4E-04	0.118
189792_s_at	WBGene00011481	IV	imp-2	-0.65	5E-03	0.262
193860_s_at	WBGene00001686	II	gpd-4	-0.64	6E-03	0.285
178022_s_at	WBGene00008806	X	tag-289	-0.64	5E-04	0.130
172761_x_at	WBGene00001875	V	his-1	-0.64	5E-03	0.271
184450_at	WBGene00015885	V	fbxa-65	-0.64	2E-04	0.092
178568_s_at	WBGene00008210	X	C49F5.6	-0.63	8E-04	0.147
187945_at	WBGene00002002	IV	hsb-1	-0.63	3E-03	0.234
177620_s_at	WBGene00011986	I	T24D1.3	-0.63	1E-02	0.330
176876_at	WBGene00016987	IV	CC8.2	-0.63	7E-03	0.299
187471_at	WBGene00014938	IV	Y62E10A.11	-0.63	5E-03	0.271
191142_s_at	WBGene00013924	II	rad-23	-0.63	1E-03	0.159
186312_at	WBGene00000804	II	csc-1	-0.62	8E-03	0.312
192894_at	WBGene00009635	X	F42F12.3	-0.62	6E-03	0.285
186940_at	WBGene00007128	X	gosr-2.1	-0.62	1E-03	0.160
191512_at	WBGene00011932	V	sptl-3	-0.62	9E-03	0.317
175245_at	WBGene00001479	V	fmo-4	-0.62	3E-04	0.112
175599_s_at	WBGene00003229	I	mex-3	-0.62	7E-03	0.301
175729_at	WBGene00001093	IV	drp-1	-0.62	9E-03	0.315
175631_s_at	WBGene00003394	X	mom-1	-0.62	8E-04	0.147
173702_at	WBGene00011481	IV	imp-2	-0.62	4E-04	0.112
180137_s_at	WBGene00020392	V	knl-3	-0.62	2E-03	0.204
183138_at	WBGene00015510	IV	C06A6.5	-0.62	3E-03	0.213
181169_at	WBGene00011805	III	T16G12.4	-0.62	6E-03	0.279
181312_at	WBGene00019811	III	egg-2	-0.61	7E-04	0.138
193656_s_at	WBGene00001430	I	fkf-5	-0.61	4E-03	0.248
184976_s_at	WBGene00022259	V	Y73C8B.2	-0.61	4E-03	0.259
187340_s_at	WBGene00001688	III	gpr-1	-0.61	6E-04	0.138
174876_at	WBGene00022078	IV	Y69A2AR.7	-0.61	1E-02	0.334
172994_at	WBGene00014095	IV	ZK829.4	-0.61	2E-03	0.186
173115_s_at	WBGene00010941	II	M176.2	-0.61	5E-04	0.133
192869_at	WBGene00011342	V	T01G5.7	-0.60	1E-02	0.336
171984_at	WBGene00013025	V	vha-13	-0.60	3E-03	0.234
181723_at	WBGene00019466	V	K07B1.6	-0.60	2E-03	0.195
171822_x_at	WBGene00001686	II	gpd-4	-0.60	1E-03	0.182
192042_s_at	WBGene00010725	X	erv-46	-0.60	8E-03	0.305
190757_s_at	WBGene00018491	V	F46E10.10	-0.60	7E-04	0.138
174150_at	WBGene00000393	X	cdf-1	-0.59	9E-03	0.317
173167_s_at	WBGene00001607	IV	gln-6	-0.59	3E-03	0.228
173906_at	WBGene000044989	IV	Y37A1B.17	-0.59	4E-04	0.112
179198_at	WBGene00009137	V	bath-39	-0.59	2E-04	0.093
192301_at	WBGene00012405	V	ztf-25	-0.59	6E-03	0.291
183116_s_at	WBGene00021046	X	sedl-1	-0.59	6E-03	0.291
175573_s_at	WBGene00004242	II	puf-6	-0.59	3E-03	0.222

175518_s_at	WBGene00044794	V	Y59A8B.25	-0.59	9E-03	0.315
193523_at	WBGene00011398	III	qdpr-1	0.59	3E-03	0.217
176491_at	WBGene00001232	I	eif-3.l	0.59	1E-02	0.330
194118_s_at	WBGene00003902	I	pab-1	0.59	6E-03	0.279
185416_at	WBGene00018045	II	F35D11.4	0.59	3E-03	0.216
172147_x_at	WBGene00019792	IV	M116.5	0.60	9E-03	0.315
171921_x_at	WBGene00001858	IV	hil-7	0.60	4E-03	0.236
188713_at	WBGene00021201	IV	isomerase	0.62	3E-03	0.235
180352_at	WBGene00009093	V	F23H12.3	0.62	3E-03	0.223
191313_at	WBGene00010732	I	K10C3.5	0.63	1E-03	0.160
177057_s_at	WBGene00011274	II	R53.5	0.63	6E-03	0.285
172772_x_at	WBGene00004819	IV	skr-13	0.63	2E-03	0.213
177041_at	WBGene00021919	III	cutl-25	0.63	7E-03	0.295
191396_s_at	WBGene00004040	II	pld-1	0.63	6E-04	0.133
184945_at	WBGene00021899	III	Y54H5A.1	0.63	3E-03	0.213
189028_s_at	WBGene00006406	IV	srpg-1	0.64	2E-04	0.087
192582_at	WBGene00007227	II	C01G6.5	0.64	1E-02	0.335
188027_s_at	WBGene00000520	III	cku-80	0.64	3E-03	0.222
179893_s_at	WBGene00019430	I	K06A5.2	0.65	5E-03	0.277
178963_at	WBGene00009962	I	F53B6.7	0.65	2E-03	0.208
179029_s_at	WBGene00008504	IV	F01G4.5	0.66	5E-04	0.133
194221_x_at	WBGene00011498	III	T05G5.1	0.66	6E-03	0.285
184895_at	WBGene00021633	I	Y47G6A.3	0.66	5E-04	0.133
183562_s_at	WBGene00002129	IV	inx-7	0.67	1E-02	0.330
186995_at	WBGene00002393	I	lpr-1	0.67	2E-04	0.093
193035_at	WBGene00009084	V	F23B12.7	0.67	4E-03	0.255
177626_at	WBGene00005241	V	srh-16	0.68	2E-04	0.087
190914_at	WBGene00009440	III	F35G12.2	0.69	4E-04	0.112
176437_at	WBGene00016262	I	C30F12.3	0.70	1E-03	0.157
187289_at	WBGene00015136	II	B0304.4	0.70	3E-04	0.112
179720_at	WBGene00021131	II	W10D9.3	0.71	9E-03	0.317
186167_at	WBGene00020273	V	T05H4.10	0.71	6E-03	0.288
176403_at	WBGene00003063	III	lpd-7	0.72	7E-04	0.138
187181_at	WBGene00003580	II	ndx-3	0.72	7E-04	0.140
181474_at	WBGene00016654	I	C44E4.5	0.73	5E-03	0.271
186836_at	WBGene00013129	I	Y52B11A.10	0.74	4E-04	0.114
191944_at	WBGene00010459	II	K01C8.7	0.76	2E-03	0.185
190569_at	WBGene00020757	III	ucr-2.3	0.77	4E-03	0.238
194187_x_at	WBGene00012186	V	mlt-11	0.77	9E-04	0.147
189331_s_at	WBGene00012059	III	T26G10.1	0.79	1E-03	0.160
190790_at	WBGene00001337	I	ers-2	0.79	7E-03	0.296
173488_at	WBGene00020261	I	T05E7.5	0.81	4E-03	0.238
178667_at	WBGene00012345	I	W08E3.4	0.81	1E-03	0.169
190409_at	WBGene00006935	V	vrs-1	0.83	8E-03	0.305
186838_at	WBGene00022113	I	Y71F9AL.8	0.83	1E-03	0.157
174479_at	WBGene00007017	V	mdt-17	0.85	6E-03	0.288
176492_s_at	WBGene00001232	I	eif-3.l	0.86	9E-03	0.327
192950_at	WBGene00013569	V	bath-36	0.86	4E-03	0.238
173680_at	WBGene00020160	X	igcm-3	0.87	5E-03	0.277
190471_at	WBGene00017219	II	F07F6.7	0.87	1E-03	0.176
187926_s_at	WBGene00003977	I	pes-2.1	0.88	1E-02	0.335
190980_at	WBGene00014066	II	rev-1	0.88	6E-03	0.287
190956_at	WBGene00014028	III	trxr-2	0.89	2E-03	0.208
181807_at	WBGene00004721	I	san-1	0.89	3E-03	0.213
184965_s_at	WBGene00017993	IV	F32E10.6	0.90	3E-03	0.233

178483_at	WBGene00007555	II	tag-242	0.92	7E-04	0.141
182196_s_at	WBGene00014243	IV	ZK1251.9	0.95	6E-03	0.293
193707_s_at	WBGene00007631	III	wht-3	0.97	4E-04	0.112
193420_s_at	WBGene00000421	III	ced-7	0.98	8E-03	0.310
185449_s_at	WBGene00020349	I	T08B2.11	1.01	7E-03	0.299
189211_s_at	WBGene00013983	III	ZK512.2	1.01	2E-03	0.194
173490_s_at	WBGene00017304	III	F09F7.7	1.02	5E-03	0.268
191632_at	WBGene00012142	V	T28H10.1	1.04	2E-03	0.206
193600_s_at	WBGene00004064	V	pms-2	1.08	4E-03	0.239
189012_s_at	WBGene00004204	IV	psa-4	1.09	5E-03	0.269
177018_s_at	WBGene00022378	IV	Y94H6A.5	1.10	9E-03	0.315
193462_at	WBGene00001663	V	gpa-1	1.17	2E-03	0.182
173080_s_at	WBGene00014172	II	clpp-1	1.19	9E-05	0.066
186418_at	WBGene00012759	III	Y41C4A.13	1.23	2E-04	0.084
187982_at	WBGene00006375	V	syp-1	1.30	5E-03	0.262
175124_at	WBGene00013448	III	Y66D12A.24	1.42	5E-03	0.269
191768_at	WBGene00014165	II	puf-12	1.55	3E-03	0.235
191871_s_at	WBGene00010470	V	cdr-4	1.59	1E-03	0.175
193730_at	WBGene00006618	I	trt-1	1.71	5E-03	0.269
189288_at	WBGene00007419	II	C07E3.9	2.19	6E-05	0.054
180205_at	WBGene00010184	V	F57A10.2	2.25	2E-04	0.084
180284_at	WBGene00010421	I	H32K16.1	2.29	3E-06	0.020
191485_at	WBGene00008304	V	C54D10.10	3.46	1E-06	0.017
194156_s_at	WBGene00012965	III	fipr-17	3.52	5E-06	0.021

Supplementary Table S2: Gene Ontology of LIN-54 responsive genes (p-value <0.05)

Up in embryos (678)

Gene Ontology term	Cluster frequency	Genome frequency	Corrected P-value
embryonic development ending in birth or egg hatching	143 of 678 genes, 21.1%	3065 of 22246 genes, 13.8%	2.5E-05
embryonic development	143 of 678 genes, 21.1%	3165 of 22246 genes, 14.2%	1.7E-04
meiotic chromosome segregation	16 of 678 genes, 2.4%	135 of 22246 genes, 0.6%	1.2E-03
chromosome segregation	16 of 678 genes, 2.4%	168 of 22246 genes, 0.8%	1.9E-02
meiosis	18 of 678 genes, 2.7%	216 of 22246 genes, 1.0%	3.8E-02
M phase of meiotic cell cycle	18 of 678 genes, 2.7%	217 of 22246 genes, 1.0%	4.0E-02

Down in embryos (299)

Gene Ontology term	Cluster frequency	Genome frequency	Corrected P-value
system process	14 of 299 genes, 4.7%	184 of 22246 genes, 0.8%	6.5E-05
regulation of response to stimulus	10 of 299 genes, 3.3%	94 of 22246 genes, 0.4%	1.6E-04
signaling	18 of 299 genes, 6.0%	333 of 22246 genes, 1.5%	2.0E-04
neurological system process	11 of 299 genes, 3.7%	129 of 22246 genes, 0.6%	4.3E-04
regulation of locomotion	14 of 299 genes, 4.7%	245 of 22246 genes, 1.1%	2.0E-03
dauer larval development	8 of 299 genes, 2.7%	82 of 22246 genes, 0.4%	4.5E-03
signaling pathway	13 of 299 genes, 4.3%	241 of 22246 genes, 1.1%	7.7E-03
dauer entry	4 of 299 genes, 1.3%	15 of 22246 genes, 0.1%	1.2E-02
regulation of behavior	7 of 299 genes, 2.3%	75 of 22246 genes, 0.3%	2.1E-02
cellular ion homeostasis	4 of 299 genes, 1.3%	18 of 22246 genes, 0.1%	2.6E-02
cell communication	10 of 299 genes, 3.3%	169 of 22246 genes, 0.8%	3.1E-02
cellular chemical homeostasis	4 of 299 genes, 1.3%	19 of 22246 genes, 0.1%	3.2E-02
signal transmission	10 of 299 genes, 3.3%	172 of 22246 genes, 0.8%	3.6E-02
signaling process	10 of 299 genes, 3.3%	173 of 22246 genes, 0.8%	3.8E-02
regulation of biological quality	10 of 299 genes, 3.3%	175 of 22246 genes, 0.8%	4.1E-02

Up in gemline (76)

Gene Ontology term	Cluster frequency	Genome frequency	Corrected P-value
embryonic development ending in birth or egg hatching	26 of 76 genes, 34.2%	3065 of 22246 genes, 13.8%	4.7E-04
multicellular organismal development	32 of 76 genes, 42.1%	4394 of 22246 genes, 19.8%	6.2E-04
embryonic development	26 of 76 genes, 34.2%	3165 of 22246 genes, 14.2%	8.5E-04
multicellular organismal process	33 of 76 genes, 43.4%	4740 of 22246 genes, 21.3%	1.1E-03
developmental process	32 of 76 genes, 42.1%	4555 of 22246 genes, 20.5%	1.4E-03
positive regulation of biological process	18 of 76 genes, 23.7%	2252 of 22246 genes, 10.1%	4.3E-02

Down in gemline (251)

Gene Ontology term	Cluster frequency	Genome frequency	Corrected P-value
multicellular organismal development	93 of 251 genes, 37.1%	4394 of 22246 genes, 19.8%	3.0E-08
developmental process	95 of 251 genes, 37.8%	4555 of 22246 genes, 20.5%	3.8E-08
embryonic development ending in birth or egg hatching	72 of 251 genes, 28.7%	3065 of 22246 genes, 13.8%	1.2E-07
multicellular organismal process	96 of 251 genes, 38.2%	4740 of 22246 genes, 21.3%	1.5E-07
embryonic development	72 of 251 genes, 28.7%	3165 of 22246 genes, 14.2%	4.8E-07
reproduction	57 of 251 genes, 22.7%	2574 of 22246 genes, 11.6%	9.9E-05
growth	60 of 251 genes, 23.9%	2848 of 22246 genes, 12.8%	2.4E-04
nematode larval development	45 of 251 genes, 17.9%	2111 of 22246 genes, 9.5%	5.6E-03
larval development	45 of 251 genes, 17.9%	2112 of 22246 genes, 9.5%	5.7E-03
post-embryonic development	45 of 251 genes, 17.9%	2127 of 22246 genes, 9.6%	6.8E-03
positive regulation of growth	43 of 251 genes, 17.1%	2071 of 22246 genes, 9.3%	1.6E-02
regulation of growth	44 of 251 genes, 17.5%	2143 of 22246 genes, 9.6%	1.7E-02
regulation of growth rate	40 of 251 genes, 15.9%	1879 of 22246 genes, 8.4%	1.8E-02
positive regulation of growth rate	39 of 251 genes, 15.5%	1876 of 22246 genes, 8.4%	3.7E-02

Supplementary Table S2: Genes bound and regulated by LIN-54

Genes up in embryo (119/678)

WormBaseID	Chr	Symbol	Motif 1 (39)
WBGene00013018	I	Y48G10A.1	
WBGene00022599	III	ZC395.10	
WBGene00023497	X	lin-15B	
WBGene00003081	IV	lsm-7	
WBGene00007029	V	mys-1	yes
WBGene00019402	III	K04G7.11	yes
WBGene00001688	III	gpr-1	
WBGene00022278	I	Y74C9A.4	yes
WBGene00000913	IV	daf-18	
WBGene00013669	I	Y105E8A.8	yes
WBGene00010685	V	tag-216	
WBGene00011375	I	T02E1.2	
WBGene00020286	IV	T06A10.3	
WBGene00016808	II	C50D2.5	
WBGene00012094	III	T27E9.2	yes
WBGene00008768	I	F13G3.10	yes
WBGene00013725	I	Y106G6H.15	
WBGene00008877	I	F16A11.2	
WBGene00014124	V	ZK863.4	yes
WBGene00001336	IV	ers-1	
WBGene00013766	V	Y113G7B.17	
WBGene00005011	III	F26F4.8	
WBGene00000236	I	bag-1	
WBGene00009320	IV	F32B6.3	
WBGene00018679	IV	F52C12.2	yes
WBGene00008838	II	F15A4.2	yes
WBGene00012666	V	Y39B6A.3	
WBGene00006704	III	ubc-7	yes
WBGene00005517	I	sri-5	yes
WBGene00001161	V	efl-1	yes
WBGene00011625	V	vps-39	yes
WBGene00004383	II	rnh-2	
WBGene00011038	II	thioredoxin	
WBGene00016323	I	C32E8.5	yes
WBGene00016411	III	C34E10.10	
WBGene00003975	III	pen-2	
WBGene00016045	V	spas-1	yes
WBGene00017801	III	F26A1.1	yes
WBGene00020866	II	T27F7.1	
WBGene00018290	V	F41E6.9	
WBGene00013150	II	Y53F4B.3	
WBGene00003417	III	mrt-2	yes
WBGene00011562	III	T07C4.10	
WBGene00009736	III	F45G2.10	

Tab4: Genes bound and regulated by LIN-54

WBGene00014205	III	ZK1058.5	yes
WBGene00022618	IV	ZC477.3	
WBGene00006061	I	stl-1	
WBGene00013561	III	Y75B8A.31	
WBGene00008502	IV	F01G4.3	yes
WBGene00010480	III	K01G5.9	
WBGene00000615	II	col-38	yes
WBGene00002072	V	ima-1	
WBGene00022357	III	kbp-4	
WBGene00015160	III	B0361.6	yes
WBGene00021552	I	zip-4	
WBGene00019400	III	K04G7.1	yes
WBGene00021648	I	mis-12	
WBGene00016421	I	C34G6.5	yes
WBGene00003926	I	pas-5	
WBGene00004320	V	rbx-1	
WBGene00022620	IV	ZC477.5	
WBGene00010038	III	rheb-1	
WBGene00018830	III	F54E7.8	
WBGene00011267	III	fbxb-85	
WBGene00021359	IV	Y37E11AL.3	
WBGene00012715	III	Y39E4B.2	
WBGene00007270	III	C03C10.4	
WBGene00016449	III	C35D10.13	
WBGene00002241	V	kup-1	
WBGene00007697	IV	C24F3.2	
WBGene00009507	I	mus-101	
WBGene00002064	III	iff-1	
WBGene00006377	I	syp-3	
WBGene00019458	III	K06H7.7	
WBGene00011410	III	T04A8.8	
WBGene00007500	II	nasp-1	
WBGene00009563	I	F39H2.3	
WBGene00013857	IV	ZC168.3	
WBGene00008403	II	D2013.3	
WBGene00006463	III	nduf-2.2	
WBGene00007083	V	AH10.2	yes
WBGene00000383	II	cdc-14	
WBGene00013433	III	Y66D12A.7	yes
WBGene00018471	IV	F45E4.6	
WBGene00015310	IV	C01G5.8	yes
WBGene00016501	V	C37C3.9	
WBGene00013894	I	ZC434.8	yes
WBGene00015129	III	sdz-1	yes
WBGene00017696	III	polk-1	
WBGene00007545	II	C13B4.1	
WBGene00022817	III	upp-1	
WBGene00020064	III	kbp-1	

Tab4: Genes bound and regulated by LIN-54

WBGene00013443	III	such-1	
WBGene00012654	III	Y39A1A.16	yes
WBGene00004985	IV	spo-11	
WBGene00002033	IV	htp-2	
WBGene00021282	IV	set-21	yes
WBGene00018721	III	polh-1	
WBGene00008503	IV	F01G4.4	yes
WBGene00011915	I	T22C1.4	
WBGene00018698	V	vha-18	
WBGene00022737	III	ZK418.8	
WBGene00017269	III	F08F8.4	
WBGene00010227	III	F58A4.2	
WBGene00013208	II	Y54G9A.5	
WBGene00002144	I	inx-22	
WBGene00010678	IV	K08F4.3	yes
WBGene00007797	V	C29A12.1	
WBGene00021649	I	Y47G6A.25	
WBGene00021701	III	Y48G9A.7	yes
WBGene00013349	V	Y59A8B.12	yes
WBGene00015313	I	C01G8.6	
WBGene00015102	III	cpg-2	yes
WBGene00009437	IV	F35G2.3	yes
WBGene00005241	V	srh-16	
WBGene00005082	V	srd-4	yes
WBGene00008304	V	C54D10.10	yes
WBGene00009509	I	F37D6.3	
WBGene00012965	III	fipr-17	yes

Genes down in embryo (7/299)

WormBaseID	Chr	Symbol	Motif 1 (2)
WBGene00004412	I	rpl-1	
WBGene00002210	X	kin-29	
WBGene00012253	V	clec-50	yes
WBGene00006781	III	unc-45	yes
WBGene00001502	X	ftt-2	
WBGene00004430	IV	rpl-18	
WBGene00004473	IV	rps-4	

Genes up in germline (14)

WormBaseID	Chr	Symbol	Motif 1 (5)
WBGene00001232	I	eif-3.l	
WBGene00021899	III	Y54H5A.1	
WBGene00000520	III	cku-80	

Tab4: Genes bound and regulated by LIN-54

WBGene00019430	I	K06A5.2	yes
WBGene00005241	V	srh-16	
WBGene00003063	III	lpd-7	
WBGene00013129	I	Y52B11A.10	
WBGene00010459	II	K01C8.7	yes
WBGene00006935	V	vrs-1	
WBGene00004721	I	san-1	yes
WBGene00017304	III	F09F7.7	
WBGene00004204	IV	psa-4	
WBGene00008304	V	C54D10.10	yes
WBGene00012965	III	fipr-17	yes

Genes down in germline (29)

WormBaseID	Chr	Symbol	Motif 1 (8)
WBGene00016678	III	C45G9.7	
WBGene00011292	IV	R102.5	yes
WBGene00018422	III	F44E2.9	yes
WBGene00001335	X	erp-1	
WBGene00006714	V	ubc-19	
WBGene00002007	X	hsp-3	
WBGene00001167	I	eft-2	
WBGene00001502	X	ftt-2	
WBGene00020783	II	T24H7.4	yes
WBGene00011282	III	R74.8	yes
WBGene00001303	V	emo-1	yes
WBGene00006726	I	ubl-5	
WBGene00009176	I	F26H9.4	yes
WBGene00012020	V	glycogenin	
WBGene00019357	V	cpg-8	
WBGene00016496	V	C37C3.2	
WBGene00013380	IV	Y62E10A.14	
WBGene00010339	X	acl-1	
WBGene00018013	V	F33E11.6	
WBGene00006910	III	vha-1	
WBGene00016062	V	C24G6.8	
WBGene00011481	IV	imp-2	
WBGene00002002	IV	hsb-1	
WBGene00000804	II	csc-1	
WBGene00020392	V	knl-3	
WBGene00019811	III	egg-2	yes
WBGene00001688	III	gpr-1	
WBGene00014095	IV	ZK829.4	
WBGene00018491	V	F46E10.10	yes

Supplementary Table S2: Gene Ontology of the bound and regulated genes (p-value <0.05)

up in embryo (119)

Gene Ontology term	Cluster frequency	Genome frequency	Corrected P-value	FDR
embryonic development ending in birth or egg hatching	38 of 120 genes, 31.7%	3065 of 22246 genes, 13.8%	5.49E-05	0.00%
embryonic development	38 of 120 genes, 31.7%	3165 of 22246 genes, 14.2%	0.00012	0.00%
multicellular organismal development	44 of 120 genes, 36.7%	4394 of 22246 genes, 19.8%	0.00171	0.00%
developmental process	45 of 120 genes, 37.5%	4555 of 22246 genes, 20.5%	0.00184	0.00%
organ morphogenesis	11 of 120 genes, 9.2%	408 of 22246 genes, 1.8%	0.00195	0.00%
multicellular organismal process	46 of 120 genes, 38.3%	4740 of 22246 genes, 21.3%	0.00224	0.00%
morphogenesis of an epithelium	10 of 120 genes, 8.3%	349 of 22246 genes, 1.6%	0.00292	0.00%
epithelium development	10 of 120 genes, 8.3%	361 of 22246 genes, 1.6%	0.00389	0.00%
tissue morphogenesis	10 of 120 genes, 8.3%	371 of 22246 genes, 1.7%	0.00491	0.00%
growth	31 of 120 genes, 25.8%	2848 of 22246 genes, 12.8%	0.01222	0.00%
tissue development	10 of 120 genes, 8.3%	418 of 22246 genes, 1.9%	0.01329	0.18%

up in germline (14)

Gene Ontology term	Cluster frequency	Genome frequency	Corrected P-value	FDR
multicellular organismal development	10 of 14 genes, 71.4%	4394 of 22246 genes, 19.8%	0.00142	0.00%
developmental process	10 of 14 genes, 71.4%	4555 of 22246 genes, 20.5%	0.00198	0.00%
multicellular organismal process	10 of 14 genes, 71.4%	4740 of 22246 genes, 21.3%	0.00284	0.00%
embryonic development ending in birth or egg hatching	8 of 14 genes, 57.1%	3065 of 22246 genes, 13.8%	0.00621	0.00%
embryonic development	8 of 14 genes, 57.1%	3165 of 22246 genes, 14.2%	0.00782	0.00%

down in germline (29)

Gene Ontology term	Cluster frequency	Genome frequency	Corrected P-value	FDR
reproduction	13 of 29 genes, 44.8%	2574 of 22246 genes, 11.6%	0.00052	2.00%
transport	7 of 29 genes, 24.1%	974 of 22246 genes, 4.4%	0.01454	2.00%
localization	9 of 29 genes, 31.0%	1765 of 22246 genes, 7.9%	0.02041	1.33%
establishment of localization	7 of 29 genes, 24.1%	1051 of 22246 genes, 4.7%	0.02317	1.00%
ovulation	2 of 29 genes, 6.9%	23 of 22246 genes, 0.1%	0.02938	0.80%
multicellular organismal development	14 of 29 genes, 48.3%	4394 of 22246 genes, 19.8%	0.03678	0.67%

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