

Supplementary Table 2. Significantly up or down regulated in stressed wild type relative to unstressed wild type

gene	log2(stressedN2/N2)	pval	log2(unstressed aak-2/N2)	pval2	log2(stressed aak-2/N2)	pval3
ttn-1	3.97	4.88E-04	1.44	1.83E-01	3.52	2.36E-03
abu-6	3.55	1.28E-03	0.68	2.48E-01	3.12	1.10E-02
pqn-5	3.44	4.58E-03	0.53	2.59E-01	3.11	1.08E-02
abu-7	3.44	4.51E-03	0.55	2.58E-01	2.99	2.90E-02
dao-4	2.95	6.09E-04	0.22	2.01E-01	2.88	8.66E-04
qua-1	2.94	9.08E-03	0.72	1.82E-01	3.56	1.61E-03
pqn-95	2.94	1.55E-04	1.00	8.11E-02	3.09	7.46E-05
rol-1	2.88	1.31E-09	0.72	5.14E-02	2.45	9.39E-07
F57H12.6	2.79	3.66E-04	-0.76	1.39E-01	1.85	2.72E-02
mlt-8	2.78	4.39E-06	0.64	8.49E-02	3.03	2.82E-08
R02F11.1	2.70	4.66E-03	0.98	1.47E-01	2.83	3.20E-03
C27D6.3	2.69	2.27E-03	0.07	2.14E-01	2.71	4.23E-03
hsp-16.11	2.59	2.99E-08	1.39	3.08E-03	4.82	6.85E-59
col-109	2.55	2.38E-05	0.52	1.08E-01	2.43	1.02E-04
hsp-16.48	2.53	7.26E-12	0.93	1.31E-02	4.46	1.30E-67
hsp-16.49	2.53	7.26E-12	0.93	1.31E-02	4.46	1.30E-67
ZK180.6	2.53	4.97E-04	0.82	1.10E-01	2.77	3.47E-05
hsp-16.1	2.49	8.83E-10	1.38	8.94E-04	4.67	6.41E-71
F15B9.8	2.49	7.35E-03	0.56	1.58E-01	3.27	3.83E-05
bli-1	2.46	1.67E-03	-0.04	1.60E-01	2.37	2.16E-03
T19C3.2	2.44	3.29E-03	0.36	1.65E-01	2.77	1.66E-03
R02E4.3	2.43	2.32E-03	0.24	1.65E-01	3.87	5.68E-10
col-138	2.39	6.61E-07	0.73	4.65E-02	2.68	1.14E-08
bli-2	2.37	2.29E-04	-0.31	1.21E-01	2.55	1.91E-05
Y47D7A.15	2.36	5.61E-04	0.02	1.40E-01	1.88	4.86E-03
wrt-4	2.33	9.24E-03	0.49	1.65E-01	2.20	9.96E-03
hsp-16.41	2.32	9.07E-06	0.27	1.02E-01	4.24	1.37E-30
hsp-16.2	2.30	8.95E-04	0.46	1.34E-01	4.34	1.20E-17
F53B1.4	2.29	1.93E-04	0.46	1.08E-01	2.32	6.80E-05
F33D4.6	2.26	8.38E-04	0.06	1.52E-01	2.73	7.35E-06
K02E11.10	2.24	6.64E-04	0.07	1.53E-01	2.40	3.24E-04
col-175	2.19	1.11E-06	0.01	1.03E-01	2.52	6.23E-09
grl-16	2.19	8.66E-05	0.42	1.02E-01	2.08	3.51E-04
E01G4.6	2.18	3.08E-04	0.47	1.00E-01	2.83	4.71E-08
ZK180.5	2.17	1.45E-04	0.83	6.35E-02	2.13	2.86E-04
H23N18.5	2.12	2.56E-05	-1.08	5.88E-02	2.40	1.40E-06
F49H12.5	2.11	1.46E-04	0.68	7.25E-02	2.39	4.24E-06
F56D3.1	2.09	9.66E-04	0.08	1.38E-01	2.04	1.55E-03
H06I04.3	2.07	6.44E-04	1.78	2.95E-03	1.81	3.19E-03
Y94H6A.10	2.06	1.05E-06	0.55	4.68E-02	2.65	1.68E-12
grl-7	2.05	2.17E-03	-0.07	1.43E-01	2.42	2.36E-04
K01D12.9	2.03	3.29E-04	-1.21	1.07E-01	1.67	2.56E-03
T06D8.1	2.01	8.14E-04	0.97	3.97E-02	1.92	1.12E-03

col-73	2.00	9.17E-16	-0.06	4.98E-02	2.19	8.27E-20
ZK546.14	1.97	3.25E-04	1.73	4.89E-04	1.77	7.87E-04
col-49	1.91	2.50E-04	-0.01	1.12E-01	1.90	2.41E-04
col-60	1.90	4.08E-03	0.24	1.33E-01	1.92	2.85E-03
frm-1	1.89	1.53E-04	1.70	4.50E-04	1.90	7.28E-05
lon-8	1.88	9.26E-03	-0.54	1.69E-01	2.62	2.98E-04
ttr-14	1.88	9.14E-03	1.08	6.84E-02	2.52	1.27E-04
col-14	1.88	4.94E-05	0.44	6.37E-02	2.23	2.09E-07
col-63	1.87	6.80E-04	0.32	9.92E-02	2.48	1.23E-06
Y22D7AL.5	1.87	4.37E-09	1.23	1.18E-04	1.50	6.25E-06
pqn-32	1.86	8.25E-03	0.03	1.36E-01	2.04	3.12E-03
D1005.t1	1.86	1.39E-03	-1.50	6.84E-02	0.32	1.23E-01
col-71	1.85	2.14E-05	0.18	8.59E-02	2.26	6.31E-08
H42K12.3	1.85	5.17E-03	0.01	1.32E-01	2.11	4.89E-04
F54C9.9	1.85	3.61E-03	1.60	1.12E-02	1.65	8.53E-03
F49E2.5	1.83	5.38E-03	1.22	3.10E-02	1.75	7.13E-03
K07H8.10	1.82	2.45E-08	1.58	6.60E-07	1.72	1.78E-07
col-157	1.81	8.86E-07	0.02	7.44E-02	1.54	3.11E-05
col-162	1.80	2.08E-06	-0.05	7.15E-02	1.79	1.77E-06
grd-5	1.80	1.17E-09	0.67	9.07E-03	1.73	6.01E-09
F42A10.7	1.79	7.76E-03	0.98	6.42E-02	1.20	4.92E-02
fkf-5	1.79	2.48E-03	0.03	1.29E-01	1.86	2.24E-03
F27D4.4	1.79	2.71E-03	0.72	7.79E-02	0.86	6.30E-02
col-145	1.79	1.86E-18	-0.60	8.84E-03	1.21	2.99E-08
C39D10.8	1.78	8.01E-04	0.88	3.40E-02	1.44	5.43E-03
col-38	1.77	2.04E-08	0.33	4.35E-02	2.18	1.21E-13
ZK380.t2	1.77	7.34E-03	0.72	7.82E-02	0.83	8.99E-02
col-120	1.75	8.27E-03	-0.10	1.49E-01	1.38	2.82E-02
wrt-10	1.75	3.77E-03	-0.19	1.31E-01	1.66	4.88E-03
W02D3.1	1.75	2.40E-07	0.63	1.76E-02	1.53	5.54E-06
dpy-5	1.74	1.92E-08	-0.26	4.75E-02	1.94	5.92E-11
col-17	1.74	4.68E-12	-0.21	3.96E-02	1.91	3.49E-15
cey-1	1.74	7.99E-08	1.12	3.44E-04	1.43	1.48E-05
tts-2	1.73	2.10E-03	1.05	3.81E-02	1.99	2.75E-04
sqt-1	1.71	3.54E-05	-0.51	5.93E-02	2.39	3.52E-10
col-48	1.71	4.25E-03	0.50	8.81E-02	2.12	1.93E-04
F32A5.4	1.70	2.37E-03	0.46	8.21E-02	2.28	8.10E-06
C37A2.8	1.69	8.22E-03	1.35	1.75E-02	1.68	1.14E-02
F20D1.1	1.69	8.53E-03	1.18	2.67E-02	1.77	6.67E-03
C30B5.4	1.68	4.41E-03	0.96	3.72E-02	1.36	1.53E-02
nlp-33	1.68	1.00E-06	-1.27	5.30E-03	2.05	2.39E-10
ram-2	1.68	5.58E-07	0.05	6.64E-02	1.89	8.40E-09
col-161	1.65	1.65E-06	-0.18	5.99E-02	1.54	3.92E-06
eel-1	1.64	4.45E-03	1.74	1.10E-03	1.36	1.58E-02
Y55F3AM.3	1.64	9.05E-03	1.16	2.95E-02	0.99	6.75E-02
col-77	1.63	3.05E-06	0.09	6.53E-02	1.69	1.08E-06
col-91	1.62	8.53E-03	-0.21	1.53E-01	1.51	1.96E-02

col-130	1.60	1.61E-03	-0.08	1.14E-01	1.57	1.45E-03
dpy-13	1.57	2.99E-08	-0.38	4.13E-02	1.76	1.05E-10
ZK1248.17	1.57	6.77E-04	-1.23	4.28E-02	1.51	1.13E-03
col-176	1.54	9.12E-03	-0.64	9.77E-02	0.79	6.68E-02
hsp-2	1.54	5.39E-06	0.59	2.19E-02	0.75	1.22E-02
col-112	1.53	5.26E-05	-0.31	6.13E-02	1.68	5.54E-06
iff-2	1.53	5.26E-17	0.58	6.58E-04	1.53	2.33E-17
dpy-4	1.53	2.72E-09	-0.29	3.57E-02	1.47	8.96E-09
T23G7.3	1.51	8.58E-03	1.48	6.40E-03	1.79	1.44E-03
W04C9.4	1.51	4.09E-03	0.90	3.58E-02	1.05	2.94E-02
hrp-2	1.51	6.64E-04	1.12	5.31E-03	1.17	6.19E-03
C04F12.7	1.50	5.67E-03	0.47	8.38E-02	2.48	3.64E-07
vha-10	1.50	1.21E-09	0.95	7.17E-05	1.79	1.92E-14
Y71F9AM.6	1.49	2.13E-11	0.92	2.08E-05	1.28	1.14E-08
C30G12.2	1.48	2.06E-04	0.78	1.82E-02	0.28	7.53E-02
tag-210	1.47	2.50E-07	0.61	8.01E-03	1.28	9.09E-06
T02H6.11	1.46	3.20E-10	0.30	2.43E-02	1.39	1.48E-09
F53F1.5	1.46	4.81E-06	-0.73	3.03E-02	0.70	1.09E-02
F53F1.4	1.45	2.82E-18	-0.74	2.21E-04	1.09	2.28E-10
col-104	1.44	2.11E-03	-0.34	1.06E-01	1.68	4.66E-04
Y97E10C.1	1.44	5.10E-03	1.19	1.04E-02	1.58	1.61E-03
rol-8	1.43	9.32E-04	-0.64	5.60E-02	1.87	4.49E-06
Y51H7C.13	1.42	7.67E-03	0.46	8.47E-02	1.95	2.78E-04
col-90	1.42	8.27E-04	-0.19	9.69E-02	1.71	3.72E-05
fib-1	1.41	7.61E-07	0.93	6.09E-04	1.35	1.64E-06
uaf-1	1.40	2.16E-03	1.45	6.41E-04	1.05	1.64E-02
C36B1.7	1.40	9.00E-04	1.12	5.36E-03	1.14	5.39E-03
sym-1	1.39	8.69E-03	0.28	9.85E-02	1.48	4.37E-03
H03A11.2	1.38	3.30E-04	0.78	1.28E-02	1.76	1.84E-06
prg-2	1.38	9.10E-03	1.68	1.84E-03	1.66	2.77E-03
Y54G2A.23	1.38	2.26E-04	0.88	5.50E-03	1.25	6.70E-04
C18B2.5	1.38	1.15E-03	0.92	1.11E-02	1.18	4.29E-03
trap-1	1.37	9.84E-10	0.76	2.70E-04	1.18	1.41E-07
cpg-7	1.36	8.23E-03	-0.64	9.89E-02	2.20	6.03E-06
F39H11.1	1.36	3.66E-03	0.65	5.36E-02	1.08	1.77E-02
col-41	1.36	1.96E-03	-1.23	4.22E-02	1.00	1.42E-02
vha-11	1.35	3.64E-05	1.32	2.77E-05	1.50	3.75E-06
F54A3.5	1.35	2.14E-04	0.36	4.73E-02	1.39	1.12E-04
grl-4	1.34	7.09E-03	0.43	7.46E-02	1.82	1.91E-04
ran-4	1.34	1.70E-05	0.85	3.03E-03	1.47	1.79E-06
D1086.11	1.33	4.56E-04	2.20	4.43E-11	1.57	3.30E-05
dim-1	1.31	8.39E-07	0.89	3.73E-04	1.16	1.61E-05
taf-13	1.30	1.00E-03	0.98	5.97E-03	1.04	5.44E-03
col-155	1.30	1.33E-06	0.25	3.64E-02	0.92	4.30E-04
ZK105.1	1.28	1.40E-03	1.17	1.62E-03	1.88	1.08E-06
C15C7.5	1.27	5.55E-03	0.66	4.04E-02	1.87	3.12E-05
aqp-2	1.27	4.43E-03	1.31	2.46E-03	1.20	6.30E-03

sqt-2	1.26	3.96E-04	-0.61	3.62E-02	1.59	4.14E-06
col-154	1.26	5.54E-06	0.03	4.88E-02	1.03	1.69E-04
cpi-2	1.24	1.71E-05	-0.54	2.95E-02	1.25	9.20E-06
F43G9.10	1.24	7.86E-03	1.05	1.15E-02	1.18	7.12E-03
F49C12.11	1.23	2.35E-05	-0.07	5.18E-02	1.49	1.25E-07
T26E3.4	1.22	9.91E-03	0.84	3.38E-02	1.07	1.93E-02
E01A2.4	1.22	9.97E-03	1.10	9.14E-03	0.73	4.83E-02
Y39A1A.7	1.21	7.16E-03	0.64	4.61E-02	1.74	8.73E-05
ppn-1	1.21	4.77E-04	1.43	1.71E-05	1.20	3.91E-04
col-144	1.21	2.59E-16	-0.57	3.49E-04	0.78	1.58E-07
cct-7	1.21	1.94E-05	0.87	6.19E-04	0.69	5.76E-03
Y59A8A.3	1.20	7.06E-05	0.93	9.53E-04	0.74	6.83E-03
F10E9.4	1.19	7.69E-03	0.46	6.16E-02	0.99	2.13E-02
col-107	1.18	1.53E-04	-0.79	2.01E-02	0.95	1.46E-03
dlc-1	1.17	1.67E-12	0.20	1.72E-02	1.25	1.88E-14
E02H1.8	1.17	1.24E-03	-0.22	7.99E-02	0.93	6.27E-03
acdh-1	1.16	2.33E-06	2.56	9.38E-42	2.98	4.50E-60
cpr-1	1.16	1.54E-03	2.02	3.71E-10	1.97	5.86E-09
nspc-9	1.16	6.98E-03	-1.22	4.22E-02	1.53	4.77E-04
dod-6	1.16	8.24E-04	0.23	5.80E-02	1.50	7.22E-06
K08D12.3	1.16	2.40E-09	0.85	5.22E-06	0.82	2.03E-05
snr-4	1.15	3.56E-06	0.57	5.31E-03	0.94	1.47E-04
ttr-18	1.14	1.06E-04	0.19	4.87E-02	1.73	9.41E-10
aex-5	1.13	2.16E-06	1.10	9.15E-07	0.94	6.72E-05
trap-3	1.12	1.88E-07	0.32	1.65E-02	0.99	3.09E-06
col-169	1.12	1.98E-08	-0.36	1.28E-02	0.79	5.28E-05
trap-2	1.11	1.40E-05	0.54	7.17E-03	1.38	1.67E-08
cgh-1	1.11	4.51E-11	1.26	1.43E-15	0.76	6.39E-06
zip-2	1.10	6.73E-03	1.06	5.93E-03	1.92	2.17E-06
F09G8.7	1.10	2.68E-03	0.09	7.22E-02	1.22	5.77E-04
sdhd-1	1.10	5.71E-04	0.52	2.14E-02	0.91	3.04E-03
ftn-2	1.09	5.41E-06	0.46	9.49E-03	1.32	1.41E-08
F58F12.1	1.09	2.12E-09	0.54	6.76E-04	0.70	7.06E-05
T21C9.4	1.09	1.07E-04	0.19	4.50E-02	0.57	1.32E-02
arf-1.2	1.08	2.61E-06	1.00	3.46E-06	1.17	2.51E-07
rab-11.1	1.08	2.37E-07	0.81	3.75E-05	1.03	6.43E-07
col-166	1.08	2.77E-09	-0.23	1.76E-02	0.77	1.72E-05
col-10	1.07	3.36E-14	-0.63	7.50E-05	0.71	5.22E-07
msh-32	1.06	2.51E-04	-0.58	2.25E-02	1.61	3.81E-09
F09E5.3	1.06	5.08E-03	0.61	2.96E-02	1.19	2.31E-03
dnj-12	1.06	2.37E-03	1.10	1.05E-03	1.14	8.26E-04
rsp-3	1.06	1.71E-04	0.91	4.10E-04	0.46	2.20E-02
glh-1	1.05	2.03E-03	1.27	7.27E-05	1.03	1.71E-03
col-167	1.05	5.77E-09	-0.37	8.32E-03	0.73	3.36E-05
ZK1307.8	1.04	7.79E-03	0.80	1.36E-02	1.26	1.66E-03
tag-170	1.03	8.55E-03	0.29	6.95E-02	1.34	1.01E-03
F59E10.3	1.03	2.22E-03	0.38	4.44E-02	1.30	1.41E-04

rpl-24.2	1.03	4.59E-03	0.49	4.08E-02	0.83	1.32E-02
Y66H1B.2	1.03	9.51E-05	1.15	3.90E-06	0.94	2.43E-04
pdf-3	1.03	2.53E-03	0.75	1.23E-02	0.46	4.17E-02
MTCE.35	1.02	1.79E-06	1.50	8.90E-15	1.49	1.43E-13
ost-1	1.02	4.68E-06	0.84	7.56E-05	1.47	1.00E-11
F47G9.1	1.02	5.03E-04	0.75	4.09E-03	1.15	1.09E-04
arx-6	1.02	7.65E-04	0.87	1.83E-03	0.88	2.15E-03
F26B1.2	1.02	3.15E-03	1.13	9.31E-04	0.88	6.89E-03
ifb-1	1.01	1.39E-03	1.30	1.22E-05	1.40	5.87E-06
R10H10.3	1.01	6.45E-03	0.41	4.95E-02	1.22	1.39E-03
unc-15	1.01	3.33E-08	1.05	8.77E-10	1.00	2.50E-08
H36L18.2	1.00	1.56E-03	0.10	5.66E-02	1.52	1.55E-06
clic-1	1.00	3.91E-04	0.82	1.42E-03	1.07	1.03E-04
tram-1	1.00	3.78E-04	1.01	1.60E-04	1.03	2.01E-04
lev-11	1.00	1.98E-07	0.98	9.25E-08	0.96	4.46E-07
col-168	1.00	4.04E-08	-0.43	8.06E-03	0.67	1.24E-04
dpy-11	0.99	4.64E-03	0.74	1.37E-02	1.23	7.08E-04
ZK418.5	0.99	5.92E-03	0.48	3.97E-02	1.18	1.26E-03
F52A8.5	0.99	6.30E-03	0.17	6.80E-02	1.16	1.44E-03
col-170	0.99	6.66E-07	-0.33	1.98E-02	0.57	1.60E-03
rpl-20	0.99	1.71E-31	0.37	3.57E-06	0.42	9.03E-07
alp-1	0.98	8.90E-03	0.64	3.20E-02	1.15	2.68E-03
K12H4.4	0.98	4.61E-03	0.69	1.45E-02	1.03	2.52E-03
F53H4.2	0.98	8.15E-03	1.52	3.19E-05	0.98	7.81E-03
B0334.4	0.97	1.94E-03	0.61	1.72E-02	0.77	8.27E-03
kin-2	0.96	2.26E-03	1.02	5.60E-04	0.97	1.51E-03
unc-54	0.96	2.23E-07	1.08	6.78E-10	0.92	5.51E-07
pas-3	0.96	4.57E-05	0.52	5.93E-03	0.68	1.82E-03
ZC247.1	0.95	1.67E-03	0.99	7.24E-04	1.43	1.92E-06
apl-1	0.95	7.79E-03	1.17	9.95E-04	1.29	7.28E-04
ZC395.10	0.95	4.71E-05	0.97	1.32E-05	1.16	6.47E-07
F44D12.7	0.94	5.43E-03	-1.23	1.54E-02	1.45	2.82E-05
T13F2.2	0.94	9.96E-04	0.58	1.04E-02	0.86	1.85E-03
mdh-1	0.94	1.55E-06	0.43	4.63E-03	0.67	3.25E-04
cpl-1	0.93	1.33E-10	1.32	6.99E-24	1.02	7.72E-13
T05H4.6a	0.93	2.82E-03	0.89	2.21E-03	0.89	3.36E-03
T09E8.3	0.93	4.70E-03	0.41	3.67E-02	0.83	7.55E-03
vha-4	0.92	2.69E-04	1.19	5.07E-07	1.23	1.00E-06
R155.1	0.92	8.45E-03	0.64	2.24E-02	0.85	9.60E-03
F56A8.3	0.92	8.07E-03	0.64	2.05E-02	0.72	2.04E-02
R09E12.3	0.92	1.71E-03	0.44	2.50E-02	0.23	5.33E-02
clec-1	0.91	2.88E-03	0.67	9.68E-03	1.27	5.71E-05
ccdc-47	0.91	6.97E-03	0.93	3.82E-03	1.03	2.67E-03
Y73B3A.18	0.91	7.22E-12	0.24	6.67E-03	0.47	1.72E-04
vha-8	0.90	7.58E-06	1.10	6.67E-09	1.22	3.28E-10
mlc-4	0.90	6.67E-04	0.65	4.84E-03	1.16	1.38E-05
col-12	0.90	7.94E-06	0.03	4.02E-02	1.05	1.52E-07

arf-3	0.90	5.88E-06	0.67	2.37E-04	0.92	2.30E-06
tag-18	0.90	3.16E-03	0.71	7.29E-03	0.83	5.01E-03
C28H8.4	0.90	2.58E-03	0.45	2.58E-02	0.83	4.23E-03
kin-19	0.90	6.51E-05	0.86	6.17E-05	0.74	6.35E-04
mca-3	0.90	8.91E-03	1.01	2.01E-03	0.73	1.77E-02
F57B9.3	0.90	3.34E-03	0.72	8.05E-03	0.43	3.68E-02
ctb-1	0.89	1.28E-25	0.44	5.07E-08	0.69	5.57E-16
vig-1	0.89	1.09E-12	0.96	2.23E-16	0.57	2.56E-06
cpi-1	0.88	2.91E-03	0.63	1.08E-02	1.79	3.13E-10
T08B2.7	0.88	7.46E-03	0.99	2.93E-03	1.28	2.35E-04
col-13	0.88	5.28E-06	-0.04	3.42E-02	1.02	9.06E-08
erm-1	0.88	8.15E-04	0.93	2.35E-04	0.81	1.26E-03
dao-2	0.87	7.49E-03	-1.53	1.91E-03	1.76	7.03E-08
lgg-1	0.87	1.41E-04	0.98	9.39E-06	1.66	1.09E-14
iftb-1	0.87	2.87E-03	0.78	3.46E-03	1.21	5.85E-05
T27F7.3	0.87	7.98E-05	0.57	2.75E-03	1.06	2.10E-06
T07A9.9	0.87	6.54E-03	0.97	2.30E-03	0.94	3.73E-03
K09G1.1	0.86	5.60E-03	0.93	2.45E-03	1.79	9.57E-09
F57B10.5	0.86	8.29E-03	0.33	4.97E-02	1.10	1.45E-03
W10D9.5	0.86	9.04E-03	0.03	6.53E-02	0.98	3.41E-03
Y71F9AL.9	0.86	1.85E-04	0.88	6.81E-05	0.53	6.47E-03
trs-1	0.86	4.32E-03	1.00	6.13E-04	0.51	2.64E-02
col-180	0.85	4.70E-03	-0.67	2.95E-02	0.80	5.60E-03
T27F7.1	0.85	9.72E-03	0.67	1.48E-02	0.79	1.06E-02
hsp-6	0.85	3.82E-04	0.94	3.47E-05	0.73	1.44E-03
pabp-2	0.85	5.06E-03	0.48	2.88E-02	0.52	2.83E-02
cey-4	0.85	2.29E-06	0.47	1.55E-03	0.47	2.42E-03
K10C2.3	0.85	2.71E-04	-0.96	1.47E-03	-1.14	6.43E-04
vha-2	0.84	4.21E-08	0.94	1.05E-10	1.10	2.03E-13
rpt-4	0.84	5.02E-03	0.74	6.88E-03	1.05	7.85E-04
hsp-25	0.84	5.45E-03	0.87	2.78E-03	1.02	1.52E-03
cct-5	0.84	2.70E-04	1.01	4.93E-06	0.94	5.35E-05
F25B5.3	0.84	4.56E-03	0.63	1.27E-02	0.88	2.80E-03
unc-60	0.84	2.12E-03	0.09	5.39E-02	0.78	3.51E-03
C18A3.5	0.84	5.01E-03	0.91	1.64E-03	0.58	2.05E-02
let-2	0.83	3.83E-03	1.03	2.78E-04	1.00	7.01E-04
LLC1.3	0.83	4.02E-03	0.73	4.63E-03	0.87	2.53E-03
ubc-13	0.83	4.81E-03	0.85	2.12E-03	0.64	1.49E-02
F25H2.5	0.83	6.17E-27	0.17	1.83E-03	0.60	2.57E-14
dao-5	0.83	1.53E-03	1.14	7.29E-06	0.38	2.80E-02
C17H12.8	0.83	5.81E-03	-1.60	1.15E-03	-0.69	2.15E-02
pas-5	0.82	3.01E-03	0.11	5.30E-02	1.11	9.39E-05
elo-5	0.82	2.14E-04	0.77	1.97E-04	0.72	6.36E-04
Y105E8B.11	0.82	9.89E-41	0.75	7.33E-38	0.72	7.04E-32
col-133	0.82	3.65E-04	-0.23	3.94E-02	0.64	2.82E-03
praf-3	0.82	2.30E-03	0.51	1.47E-02	0.56	1.33E-02
mdt-28	0.81	1.51E-03	0.99	6.42E-05	0.89	6.17E-04

C30C11.4	0.81	3.26E-04	0.84	7.61E-05	0.74	6.48E-04
rab-1	0.81	3.53E-04	0.79	1.79E-04	0.71	9.57E-04
gpb-1	0.81	8.39E-03	0.66	1.47E-02	0.55	2.78E-02
C04C3.3	0.81	2.25E-03	0.85	7.88E-04	0.54	1.43E-02
nlp-36	0.81	1.54E-05	-1.66	2.17E-08	0.42	5.90E-03
Y57G11C.9	0.80	6.26E-03	0.71	8.42E-03	0.18	5.91E-02
C14C6.5	0.79	8.50E-03	0.80	6.19E-03	1.23	1.28E-04
eif-3.F	0.79	7.03E-03	0.72	7.61E-03	0.95	1.80E-03
phb-2	0.79	1.18E-03	0.84	3.44E-04	0.67	3.56E-03
mev-1	0.79	2.31E-03	0.25	3.79E-02	0.66	6.45E-03
tnt-2	0.78	9.83E-05	1.00	2.04E-07	0.69	3.80E-04
Y54G2A.18	0.78	5.00E-03	0.37	3.11E-02	0.69	8.25E-03
nduf-7	0.78	3.19E-03	0.71	3.42E-03	0.68	6.76E-03
nol-5	0.78	7.18E-04	0.74	6.44E-04	0.57	5.20E-03
K01G5.5	0.78	5.60E-04	0.56	3.47E-03	0.48	9.79E-03
ubc-20	0.78	3.53E-03	0.52	1.34E-02	0.35	3.41E-02
vha-15	0.77	3.71E-03	1.05	6.55E-05	1.13	6.01E-05
Y113G7B.17	0.77	1.45E-05	0.72	1.49E-05	0.28	1.49E-02
skr-1	0.76	2.83E-03	0.69	3.59E-03	0.98	2.47E-04
W01A8.1b	0.76	1.95E-03	0.95	1.25E-04	0.88	4.89E-04
rab-5	0.76	5.41E-03	0.88	1.13E-03	0.84	2.75E-03
hsp-3	0.76	1.29E-04	0.56	1.31E-03	0.54	2.58E-03
atp-2	0.76	1.58E-13	0.76	3.87E-15	0.53	1.36E-07
ile-1	0.76	5.35E-03	0.66	7.45E-03	0.46	2.65E-02
tsn-1	0.76	1.84E-04	0.76	8.50E-05	0.22	2.87E-02
tct-1	0.75	6.23E-12	0.58	1.85E-08	0.96	7.25E-20
F58E10.3	0.75	6.69E-03	1.12	9.69E-05	0.90	1.86E-03
R06C1.4	0.75	3.98E-05	-0.51	4.96E-03	0.74	3.47E-05
F59C6.5	0.74	1.58E-03	0.23	3.21E-02	1.32	5.00E-08
nuo-4	0.74	7.16E-03	0.73	5.56E-03	1.15	1.16E-04
vha-1	0.74	5.73E-03	0.54	1.49E-02	0.94	9.10E-04
eft-4	0.74	1.40E-13	0.55	5.15E-09	0.66	1.72E-11
rpl-7A	0.74	1.03E-16	0.35	1.14E-05	0.35	1.92E-05
K07C5.4	0.74	4.04E-05	0.80	2.72E-06	0.16	2.92E-02
unc-116	0.73	8.63E-03	0.73	6.56E-03	0.63	1.41E-02
W02F12.5	0.73	2.84E-03	0.76	1.31E-03	0.62	5.77E-03
W06A7.4	0.73	3.27E-03	1.09	1.40E-05	0.56	1.11E-02
C44B7.10	0.72	4.65E-03	0.72	3.22E-03	1.23	6.91E-06
cmd-1	0.72	4.41E-04	0.98	1.15E-06	0.57	2.61E-03
F10E7.5	0.72	6.11E-03	0.74	3.48E-03	0.44	2.56E-02
col-81	0.72	4.88E-05	0.30	9.81E-03	0.42	3.81E-03
pmt-1	0.71	8.74E-03	1.09	1.23E-04	1.48	4.77E-07
H28O16.1	0.71	1.31E-08	0.57	9.56E-07	0.50	2.17E-05
sgt-1	0.71	3.31E-03	0.67	3.43E-03	0.32	3.45E-02
C18E9.4	-0.71	6.43E-04	-1.40	3.43E-08	-0.43	9.82E-03
Y82E9BR.3	-0.71	3.08E-19	-1.30	5.14E-55	-0.84	6.27E-26
rpl-33	-0.71	2.77E-25	-1.85	1.97E-118	-1.26	4.73E-62

rps-5	-0.72	5.40E-17	-0.70	2.68E-18	-0.72	1.84E-17
tomm-7	-0.72	3.59E-04	-1.78	3.18E-11	-0.94	2.43E-05
Y37E3.8	-0.74	1.20E-19	-1.10	1.45E-40	-0.70	1.77E-18
rps-26	-0.75	1.26E-28	-1.62	2.90E-105	-1.11	6.93E-55
atp-4	-0.76	1.54E-06	-1.13	1.24E-11	-0.86	1.23E-07
rrn-1.1	-0.77	1.24E-38	1.05	2.42E-149	-1.34	1.38E-93
rrn-1.2	-0.77	1.24E-38	1.05	2.42E-149	-1.34	1.38E-93
rpb-12	-0.77	1.90E-04	-1.76	4.81E-11	-1.38	1.03E-07
K07F5.9	-0.78	6.38E-03	-2.41	2.22E-07	-0.33	4.27E-02
F25H2.4	-0.78	9.45E-03	-0.84	4.28E-03	-0.51	3.30E-02
rpl-25.1	-0.78	4.27E-08	-1.66	4.55E-24	-0.95	1.73E-10
rpl-43	-0.78	3.26E-25	-1.92	5.01E-108	-0.96	1.90E-36
Y69A2AR.3	-0.79	7.49E-03	-1.45	7.98E-05	-0.62	1.84E-02
rps-19	-0.79	5.64E-26	-1.15	8.96E-53	-0.71	7.15E-23
K12H4.5	-0.79	1.16E-04	-1.63	1.22E-11	-0.75	8.99E-05
Y119D3B.21	-0.79	8.72E-18	-2.39	2.28E-93	-1.96	2.88E-66
rpl-35	-0.80	6.49E-20	-1.40	1.05E-51	-0.98	8.35E-28
mlc-2	-0.81	1.64E-08	-0.20	5.40E-03	-0.48	5.21E-05
C28C12.2	-0.81	1.33E-04	-0.85	7.04E-05	-0.99	2.63E-05
ife-3	-0.81	6.85E-04	0.20	2.21E-02	-1.47	8.01E-07
nsps-5	-0.82	2.98E-03	-1.28	1.94E-04	0.34	2.16E-02
tin-9.1	-0.82	4.58E-03	-1.79	1.16E-05	-0.20	3.78E-02
T23F2.5	-0.82	3.77E-04	-1.22	1.22E-06	-0.36	8.96E-03
C45B2.1	-0.83	9.19E-05	-1.53	2.96E-10	-0.26	1.31E-02
C33A12.1	-0.83	2.06E-03	-0.96	1.08E-03	-0.48	1.35E-02
R07E5.13	-0.83	3.50E-03	-0.90	1.10E-03	-0.61	8.85E-03
ilys-5	-0.84	1.01E-05	-1.51	7.90E-13	-0.73	2.26E-05
rpl-22	-0.84	6.68E-24	-1.28	1.25E-50	-0.86	2.30E-25
rps-12	-0.84	1.16E-30	-1.27	4.48E-66	-0.86	4.56E-33
iff-1	-0.84	5.16E-22	-1.77	5.41E-73	-1.44	1.51E-49
F44E5.1	-0.86	6.77E-12	-1.89	8.42E-39	-1.38	3.26E-23
K10B2.4	-0.87	1.97E-03	-1.39	1.54E-05	-1.02	6.63E-04
rps-29	-0.87	1.08E-30	-1.86	3.15E-105	-1.14	2.17E-47
C08F8.9	-0.88	9.30E-04	-1.30	7.23E-06	-0.69	2.01E-03
C48B6.3	-0.88	6.21E-03	0.21	3.65E-02	-1.28	1.06E-03
ZK813.2	-0.89	1.77E-06	-0.75	3.50E-06	-0.58	2.96E-04
rps-28	-0.89	5.68E-53	-1.96	2.14E-194	-1.06	4.40E-72
C49F5.7.2	-0.89	2.57E-03	-1.61	2.01E-05	-1.11	4.47E-04
C49F5.7.1	-0.90	3.68E-03	-1.60	2.71E-05	-1.11	5.78E-04
K10D2.4	-0.90	2.45E-03	-2.07	2.46E-07	-1.40	1.04E-04
F29B9.11	-0.91	1.34E-12	-2.07	2.70E-43	-1.20	3.90E-19
lec-6	-0.92	2.57E-07	-1.26	2.23E-12	-0.37	2.71E-03
rps-30	-0.93	5.11E-27	-1.26	4.52E-48	-0.99	6.11E-30
Y55B1AL.2	-0.93	9.42E-04	-1.18	3.43E-05	-1.00	3.55E-04
MTCE.4	-0.94	4.36E-53	-1.24	1.78E-91	-2.66	3.34E-227
mai-2	-0.96	2.49E-05	-1.03	2.92E-06	-0.43	5.41E-03
rpl-36	-0.96	7.73E-49	-1.74	4.56E-135	-1.22	4.91E-73

his-48	-0.97	6.29E-03	-1.14	1.15E-03	-1.43	7.39E-04
F44E2.9	-0.98	8.94E-03	-1.24	3.95E-03	-0.90	2.20E-02
F53A3.3	-0.98	1.76E-36	-1.75	6.96E-97	-0.97	1.36E-36
Y59A8B.12	-0.98	2.19E-03	-1.69	3.21E-06	-1.29	2.15E-04
F58A4.2	-0.98	7.86E-03	-0.67	1.57E-02	-1.34	2.05E-03
T14B4.2	-0.98	4.53E-03	-0.93	3.93E-03	-1.36	1.24E-03
rpl-41	-0.98	1.61E-68	-1.84	1.17E-199	-1.40	4.50E-123
F53F4.16	-1.00	9.49E-04	-1.35	5.61E-05	-0.82	3.07E-03
elb-1	-1.00	8.64E-03	-1.19	2.01E-03	-1.09	5.78E-03
rpl-34	-1.00	7.59E-54	-2.28	1.19E-197	-1.09	2.14E-64
col-95	-1.01	5.39E-04	1.30	9.64E-11	0.26	2.55E-02
his-58	-1.01	2.79E-03	-1.14	8.25E-04	-1.39	8.31E-04
cpg-9	-1.01	7.56E-10	-1.72	9.58E-22	-1.42	1.62E-15
oig-2	-1.02	8.06E-04	-1.22	1.62E-04	-0.75	3.36E-03
Y39A3CL.3	-1.04	3.22E-03	-1.35	2.26E-04	-0.48	1.80E-02
W01D2.1	-1.04	2.77E-69	-2.02	1.36E-208	-1.53	2.91E-129
rpb-10	-1.05	5.53E-05	-1.80	3.90E-09	-1.00	9.75E-05
lsm-6	-1.05	1.16E-03	-1.42	1.83E-05	-1.01	5.23E-04
Y44E3A.3	-1.08	5.68E-03	-1.11	7.93E-03	-0.57	2.99E-02
F53A9.8	-1.09	7.76E-03	-1.82	4.09E-04	0.82	3.57E-03
F53A9.1	-1.09	5.49E-03	-2.38	4.89E-05	0.14	5.36E-02
ttr-4	-1.09	5.35E-03	-0.82	1.27E-02	-0.76	2.01E-02
B0205.12	-1.09	2.99E-03	-1.63	6.10E-05	-1.07	2.54E-03
rpl-38	-1.10	1.97E-79	-1.99	5.25E-212	-0.90	2.38E-59
lbp-6	-1.11	1.39E-10	-1.19	5.40E-13	-0.25	5.97E-03
ttr-45	-1.11	2.33E-04	-0.72	2.45E-03	-0.39	1.56E-02
ZC373.2	-1.11	1.05E-10	-0.65	2.69E-06	-0.80	2.20E-07
F22D6.14	-1.11	4.83E-03	-1.00	7.20E-03	-1.27	4.57E-03
Y45F10C.4	-1.12	1.06E-05	-0.87	6.71E-05	-0.62	1.17E-03
Y69A2AR.28	-1.12	4.52E-03	-1.31	1.02E-03	-1.27	3.72E-03
rps-11	-1.13	2.36E-74	-1.41	7.94E-119	-1.15	1.17E-79
rpb-11	-1.14	6.96E-05	-1.65	7.24E-08	-1.78	2.14E-08
C35B1.4	-1.16	1.58E-06	-0.98	4.81E-06	-1.49	5.04E-09
F29C4.2	-1.17	6.48E-07	-1.56	8.49E-11	-1.03	1.83E-06
F23F1.10	-1.17	1.71E-03	-1.18	9.40E-04	-1.20	2.43E-03
Y37D8A.19	-1.18	6.80E-10	-0.72	2.42E-06	-0.50	3.75E-04
pdf-6	-1.19	5.88E-05	-0.76	9.69E-04	-1.05	2.08E-04
gst-27	-1.21	2.42E-04	-1.07	3.45E-04	-0.41	1.90E-02
mxl-1	-1.21	7.61E-04	-1.26	2.19E-04	-1.26	3.08E-04
rpl-26	-1.22	1.75E-63	-1.57	3.76E-105	-1.44	2.18E-84
mtl-2	-1.23	1.07E-03	-1.45	1.16E-04	-0.94	3.69E-03
spp-3	-1.23	3.07E-18	-1.65	2.18E-30	-1.07	1.73E-15
spp-23	-1.24	2.75E-08	-2.31	3.61E-18	-1.39	2.91E-09
cpg-8	-1.25	1.11E-05	-1.01	4.51E-05	-1.32	1.17E-05
R102.2	-1.26	6.52E-03	-2.55	2.65E-05	-1.17	7.18E-03
vha-3	-1.27	2.46E-05	-0.63	4.12E-03	-1.25	4.15E-05
F23D12.7	-1.28	1.85E-05	-1.59	1.72E-07	-1.16	3.45E-05

K01H12.1	-1.28	9.68E-04	-1.58	5.89E-05	-1.29	1.16E-03
phf-5	-1.28	8.21E-03	-1.27	8.34E-03	-1.53	9.45E-03
F23D12.1	-1.29	1.73E-03	-2.41	5.40E-06	-1.50	4.40E-04
K11H3.6	-1.30	1.03E-06	-1.70	2.52E-10	-1.86	4.64E-10
spp-14	-1.31	2.57E-19	-2.02	8.68E-39	-0.97	2.86E-13
W03G9.8	-1.31	8.86E-04	-1.04	3.82E-03	-1.18	2.15E-03
spp-5	-1.31	1.51E-46	-1.90	8.53E-90	-1.26	8.45E-46
C53H9.3	-1.31	1.54E-04	-1.84	9.05E-07	-1.39	6.47E-05
Y105E8A.11	-1.31	2.37E-03	-1.77	1.04E-04	-1.72	3.34E-04
Y110A2AM.4	-1.31	5.33E-03	-1.26	4.60E-03	-2.05	9.25E-04
MTCE.15	-1.32	1.18E-03	-0.34	3.41E-02	0.35	3.44E-02
M02H5.8	-1.33	2.10E-03	-3.19	1.77E-06	-2.29	1.92E-04
C17E7.12	-1.34	7.25E-03	-0.93	9.35E-03	-2.04	2.79E-04
aps-3	-1.36	9.63E-04	-0.05	5.37E-02	-0.85	8.76E-03
W02D9.7	-1.36	1.45E-07	-1.85	2.33E-12	-1.07	3.98E-06
Y63D3A.7	-1.36	1.46E-04	-1.58	9.87E-06	-1.17	4.18E-04
rps-24	-1.36	6.06E-110	-1.58	5.57E-158	-1.34	8.70E-112
spp-17	-1.36	3.41E-29	-2.21	5.76E-63	-1.61	2.31E-38
clcc-85	-1.37	2.85E-03	-0.78	8.44E-03	-0.84	8.74E-03
cyc-2.1	-1.37	3.18E-31	-1.56	1.90E-42	-1.02	4.06E-21
C50H11.8	-1.38	5.06E-03	0.00	6.04E-02	-1.31	6.31E-03
mss-74	-1.39	3.19E-05	-2.46	5.13E-10	-0.83	1.71E-03
lsm-5	-1.39	1.01E-04	-1.72	3.67E-06	-1.22	4.01E-04
Y53F4B.14	-1.40	3.97E-03	-1.54	1.71E-03	-1.29	5.29E-03
C14C11.7	-1.42	7.38E-04	-1.70	3.68E-05	-1.67	2.01E-04
ZK686.1	-1.43	2.01E-07	-1.20	3.20E-07	-1.48	2.32E-08
C37A2.7	-1.45	5.00E-82	-2.15	1.27E-161	-1.56	5.35E-96
W02D9.6	-1.48	8.22E-04	-1.50	2.97E-04	-2.35	9.56E-06
Y65B4A.6	-1.49	1.72E-03	0.26	4.33E-02	-1.17	9.78E-03
ttr-24	-1.53	4.30E-05	-1.04	3.39E-04	-0.42	2.68E-02
dyrb-1	-1.54	1.06E-05	-1.11	1.49E-04	-1.41	5.41E-05
gut-2	-1.54	2.41E-07	-1.67	3.76E-09	-1.92	4.03E-10
elc-1	-1.55	2.60E-03	-0.72	2.70E-02	-1.43	4.24E-03
F33G12.7	-1.58	7.68E-04	-1.51	1.69E-04	-1.25	2.95E-03
W08D2.9	-1.59	5.36E-14	-2.47	2.92E-26	-1.03	2.19E-08
rps-21	-1.59	9.39E-91	-2.14	1.66E-154	-1.93	1.48E-121
Y60A3A.21	-1.60	7.78E-03	-1.33	8.03E-03	0.00	7.49E-02
ncbp-2	-1.61	7.16E-03	-0.09	6.50E-02	-0.73	2.62E-02
F09E10.1	-1.61	8.28E-03	-1.41	1.01E-02	-1.07	1.80E-02
rab-18	-1.64	1.02E-04	-0.98	1.36E-03	-2.02	7.86E-06
nduf-5	-1.66	2.76E-15	-1.58	4.45E-16	-1.22	7.21E-11
his-68	-1.67	9.54E-04	-1.53	3.38E-04	-2.21	7.90E-05
acbp-1	-1.70	1.31E-28	-2.21	4.81E-45	-1.66	2.60E-28
lin-40	-1.71	3.40E-07	0.50	2.47E-03	-0.86	9.20E-04
F20C5.3	-1.71	4.08E-03	-0.46	3.82E-02	-1.56	6.30E-03
B0495.6	-1.71	2.85E-08	-1.97	1.59E-10	-1.66	3.97E-08
F26E4.6	-1.71	2.31E-28	-1.70	8.66E-32	-2.00	9.81E-36

Y105C5A.12	-1.71	1.07E-03	-4.57	1.06E-07	-3.47	6.33E-06
Y105C5A.13	-1.71	1.07E-03	-4.57	1.06E-07	-3.47	6.33E-06
C08E3.1	-1.71	1.07E-05	-4.77	5.26E-13	-3.69	1.50E-10
R05H10.5	-1.72	2.39E-03	-0.70	2.99E-02	-0.96	2.63E-02
msp-37	-1.76	2.86E-08	-2.21	3.93E-12	-1.35	8.35E-07
kbp-4	-1.78	3.31E-07	-1.42	1.96E-06	-1.57	8.70E-07
ddp-1	-1.83	1.60E-15	-2.18	9.22E-22	-1.86	1.39E-16
his-47	-1.88	4.09E-04	-1.36	1.96E-03	-1.73	5.22E-04
F43G6.7	-1.91	9.40E-04	-2.09	5.78E-04	-1.95	5.54E-04
Y67D8C.12	-1.92	5.79E-04	0.37	3.39E-02	-2.09	4.28E-04
C08E3.13	-1.92	1.05E-06	-4.83	7.48E-15	-3.39	2.67E-11
rrn-3.56	-1.94	4.27E-82	1.34	2.27E-146	-1.64	2.47E-68
Y22D7AR.10	-1.96	1.69E-21	-1.54	1.47E-18	-1.30	7.28E-14
F56H9.2	-1.96	3.93E-24	-2.34	7.82E-35	-1.64	1.66E-20
F35H10.5	-1.98	5.88E-05	-1.76	6.96E-05	-1.99	1.28E-04
Y92H12BL.5	-2.06	4.15E-03	-0.77	3.53E-02	-1.71	8.91E-03
rrn-3.1	-2.09	1.25E-173	1.17	5.61E-200	-1.64	1.89E-131
ins-27	-2.14	3.04E-04	-2.72	6.80E-06	-2.18	1.48E-04
T24B8.5	-2.32	1.54E-29	-3.82	3.86E-54	-2.56	3.52E-34
T26H5.9	-2.36	8.08E-05	-1.39	1.42E-03	-0.75	1.72E-02
his-67	-2.36	1.50E-03	-1.18	1.08E-02	-1.95	2.31E-03
Y110A2AL.13	-2.50	7.93E-04	-0.99	1.87E-02	-2.53	4.99E-04
nhr-93	-2.63	2.73E-08	-0.36	2.26E-02	-1.74	6.49E-06
F14H3.12	-2.90	9.49E-03	-1.99	8.30E-03	-1.64	5.50E-02
Y48G1BM.7	-2.92	8.72E-03	-0.43	8.39E-02	-3.01	6.76E-03
his-5	-3.03	2.77E-04	-2.91	3.63E-04	-1.76	9.12E-03
F49B2.3	-3.26	2.37E-03	0.32	6.66E-02	-3.34	1.71E-03
his-18	-3.28	2.58E-05	-2.26	1.14E-04	-1.75	1.31E-03
nhr-37	-3.56	5.10E-04	-2.59	3.27E-04	-3.65	3.41E-04
ZK218.13	-3.88	7.45E-29	0.66	6.89E-07	-1.79	1.46E-14
F53C11.2	-4.35	1.17E-06	-2.47	4.41E-05	-4.43	5.81E-07
srz-70	-5.82	2.56E-18	-2.34	1.56E-11	-5.90	3.56E-19