

Supplemental Data File 1

Genes regulated by Caloric Restriction have Unique Roles within Transcriptional Networks

William R. Swindell
University of Michigan

The Tissue, Developmental, Treatment and Mutation series datasets used to evaluate connectivity and co-expression of CR-regulated genes from mouse are described in this file (see Figures 1 – 7). Datasets used to evaluate connectivity of CR-regulated genes from invertebrate model systems are also described (Drosophila Series A and B, Celegans Series A and B) (see Figure 8). Tables describe the 60 conditions associated with each dataset, including sample sizes per condition and the public database identifier associated with samples. Database identifiers can be used to obtain further details regarding individual experiments (Gene Expression Omnibus: <http://www.ncbi.nlm.nih.gov/geo/>) (ArrayExpress: <http://www.ebi.ac.uk/microarray-as/aer/>).

Contact: William R. Swindell (wswindel@umich.edu)

Tissue Series

Condition #	GEO	n	Description
1	GSE8249	1	Ovary
2	GSE8249	1	Testis
3	GSE8249	1	Adrenal Gland
4	GSE8249	1	Placenta
5	GSE8249	1	Uterus
6	GSE8249	1	Bone Marrow
7	GSE8249	1	Spleen
8	GSE8249	1	Brain
9	GSE8249	1	Eye
10	GSE8249	1	Muscle (Hindlimb)
11	GSE8249	1	Heart
12	GSE8249	1	Intestine
13	GSE8249	1	Kidney
14	GSE8249	1	Liver
15	GSE8249	1	Lung
16	GSE1986	1	Brain
17	GSE1986	1	CD4+Naive
18	GSE1986	1	EmbryoD7
19	GSE1986	1	Eye
20	GSE1986	1	Heart
21	GSE1986	1	Kidney
22	GSE1986	1	Liver
23	GSE1986	1	Lung
24	GSE1986	1	Lymph Node
25	GSE1986	1	Ovary
26	GSE1986	1	Placenta
27	GSE1986	1	Muscle
28	GSE1986	1	Spleen
29	GSE1986	1	Stomach
30	GSE1986	1	Submax Gland
31	GSE1986	1	Testis
32	GSE1986	1	Thymus
33	GSE4098	8	Eye (corneal)
34	GSE4098	8	Eye (limbal)
35	GSE5018	1	Stomach (parietal)
36	GSE5018	1	Stomach (zymogenic)
37	GSE5018	1	Stomach (pit)
38	GSE6466	3	Bladder (adult)
39	GSE6466	3	Bladder (postnatal)
40	GSE8044	3	Brown Fat
41	GSE8044	3	White Fat

42	GSE8024	3	Embryonic Stem Cells
43	GSE8024	3	Neural Stem Cells
44	GSE8024	2	Embryonic fibroblast
45	GSE4866	5	Cochlea
46	GSE6867	2	HairBulb
47	GSE8771	3	Heart
48	GSE8868	2	Macrophage (spleen)
49	GSE8868	2	Macrophage (intestines)
50	GSE6591	3	Lung
51	GSE6591	3	Lung (aged)
52	GSE6019	1	Brain
53	GSE8269	4	Uterus
54	GSE4758	6	Brain
55	GSE6461	2	Muscle (hindlimb)
56	GSE6461	1	Muscle (intercostal)
57	GSE6461	1	Muscle (forelimb)
58	GSE5582	3	Astrocyte (neocortex)
59	GSE5582	3	Astrocyte (cerebellum)
60	GSE9130	3	Epididymal Fat pads

Developmental Series

Condition #	GEO	n	Description
1	GSE1479	3	Heart E10.5
2	GSE1479	3	Heart E11.5
3	GSE1479	3	Heart Ventricle E12.5
4	GSE1479	3	Heart Atrium E12.5
5	GSE1479	3	Heart Ventricle E13.5
6	GSE1479	3	Heart Atrium E13.5
7	GSE1479	3	Heart Ventricle E14.5
8	GSE1479	3	Heart Atrium E14.5
9	GSE1479	3	Heart Ventricle E16.5
10	GSE1479	3	Heart Atrium E16.6
11	GSE1479	3	Heart Ventricle E18.5
12	GSE1479	3	Heart Atrium E18.5
13	GSE5668	3	Oocytes Immature
14	GSE5668	3	Oocytes Mature
15	GSE6916	2	Testis E11.5
16	GSE6916	2	Testis E12.5
17	GSE6916	2	Testis E14.5
18	GSE6916	2	Testis E16.5
19	GSE6916	2	Testis E18.5
20	GSE6916	2	Ovary E11.5
21	GSE6916	2	Ovary E12.5
22	GSE6916	2	Ovary E14.5
23	GSE6916	2	Ovary E16.5
24	GSE6916	2	Ovary E18.5
25	GSE6998	2	Liver 10weeks
26	GSE6998	2	Liver 10.5days(pc)
27	GSE6998	2	Liver 11.5days(pc)
28	GSE6998	2	Liver 12.5days(pc)
29	GSE6998	2	Liver 13.5days(pc)
30	GSE6998	2	Liver 14.5days(pc)
31	GSE6998	2	Liver 16.5days(pc)
32	GSE8065	3	Ileum 4days(pn)
33	GSE8065	3	Ileum 7days(pn)
34	GSE8065	3	Ileum 9days(pn)
35	GSE8065	3	Ileum 11days(pn)
36	GSE8065	3	Ileum 24days(pn)
37	GSE8065	3	Ileum 32days(pn)
38	GSE7430	2	Pancreas E14.5
39	GSE7430	2	Pancreas E16.5
40	GSE4051	4	Photoreceptor 4wks
41	GSE4051	4	Photoreceptor E16

42	GSE4051	4	Photoreceptor_P10
43	GSE4051	4	Photoreceptor_P2
44	GSE4051	4	Photoreceptor_P6
45	GSE7875	2	Thymocytes_2wks_male
46	GSE7875	2	Thymocytes_3wks_male
47	GSE7875	2	Thymocytes_3wks_female
48	GSE7875	2	Thymocytes_5wks_female
49	GSE7685	4	tibial growth plate, zone 1 (E15.5)
50	GSE7685	4	tibial growth plate, zone 2 (E15.5)
51	GSE7685	4	tibial growth plate, zone 3 (E15.5)
52	GSE7164	4	molar tooth
53	GSE7381	3	backskin (E18.5)
54	GSE4774	3	Face_E10.5_Mandibular
55	GSE4774	3	Face_E10.5_Maxillary
56	GSE2869	4	Trigeminal Ganglion_E13.5
57	GSE4230	2	Kidney_E14.5
58	GSE4230	2	Kideny_E18.5
59	GSE3822	7	Metanephric Mesenchyme_E11.5
60	GSE3822	4	Ureteric Bud_E11.5

Treatment Series

Condition #	GEO	n	Description
1	GSE5140	6	Brain, Creatine (+)
2	GSE5140	7	Brain, Creatine (-)
3	GSE3414	3	Lung, Uninfected
4	GSE3414	3	Lung, Helminth Infection (2 days)
5	GSE3414	3	Lung, Helminth Infection (3 days)
6	GSE3414	3	Lung, Helminth Infection (4 days)
7	GSE3414	3	Lung, Helminth Infection (8days)
8	GSE3414	3	Lung, Helminth Infection (12days)
9	GSE3440	2	Heart Aldosterone(-)
10	GSE3440	2	Heart Aldosterone(+)
11	GSE8150	5	Brain Young
12	GSE8150	5	Brain Old
13	GSE8150	5	Brain Old Atocopherol
14	GSE8150	5	Brain Old A+Gtocopherol
15	GSE6476	2	Hippocampus, Fluoxetine Antidepressant (-)
16	GSE6476	2	Hippocampus Fluoxetine Antidepressant (+)
17	GSE7404	4	Blood Burn(+)
18	GSE7404	4	Blood Burn(-)
19	GSE7404	4	Blood Hemorrhage(+)
20	GSE7404	4	Blood Hemorrhage(-)
21	GSE7404	4	Spleen Burn(+)
22	GSE7404	4	Spleen Burn(-)
23	GSE7404	4	Spleen Hemorrhage(+)
24	GSE7404	4	Spleen Hemorrhage(-)
25	GSE9371	5	Aorta Estrogen(-)
26	GSE9371	5	Aorta Estrogen(+)
27	GSE9247	4	Preosteoblasts DMSO
28	GSE9247	4	Preosteoblasts MS275
29	GSE9247	3	Preosteoblasts TSA
30	GSE9247	4	Preosteoblasts VPS
31	GSE6632	2	Liver Control
32	GSE6632	2	Liver Castrated
33	GSE6632	2	Liver Castrated Infected
34	GSE6765	5	Intestines Infected
35	GSE6765	4	Intestines Uninfected
36	GSE9368	3	lung, ventilator-induced injury(-)
37	GSE9368	3	lung, ventilator-induced injury(-)
38	GSE6514	5	cortex, sleeping
39	GSE6514	5	cortex, sleep deprived
40	GSE6514	5	hypothalamus, sleeping
41	GSE6514	5	hypothalamus, sleep deprived

42	GSE7823	2	Lung Hypoxic StrainBL6
43	GSE7823	2	Lung Hypoxic StrainFVB/N
44	GSE7823	2	Lung Hypoxic StrainSV129
45	GSE5156	2	Intestines Germfree
46	GSE5156	2	Intestines Convention
47	GSE4695	3	Fibroblasts ET1(-)
48	GSE4695	3	Fibroblasts ET1(+)
49	GSE8621	3	Macrophages LPS(-,-)
50	GSE8621	3	Macrophages LPS(-,+)
51	GSE8621	3	Macrophages LPS(+,-)
52	GSE8621	3	Macrophages LPS(+,+)
53	GSE6810	2	Spleen Uninfected
54	GSE6810	2	Spleen Babortus2308
55	GSE6810	2	Spleen Babrotus2308BA41
56	GSE6810	2	Spleen Babrotus2308ADH42
57	GSE6810	2	Spleen Bmelitensis
58	GSE7605	3	Heart LPS 3h
59	GSE7605	3	Heart PBS 3h
60	GSE7605	3	Heart LPS 30min

Mutation Series

Condition #	GEO	n	Description
1	GSE7257	5	Kidney Lim1+
2	GSE7257	4	Kidney Lim1-
3	GSE6398	8	Heart Lmna+
4	GSE6398	6	Heart Lmna-
5	GSE7196	3	Heart Erra+
6	GSE7196	3	Heart Erra-
7	GSE7020	4	Spleen Nix-
8	GSE7020	4	Spleen Nix+
9	GSE2161	2	BasalGanglion Dlx+
10	GSE2161	2	BasalGanglion Dlx-
11	GSE2161	2	Cortex Dlx+
12	GSE2161	2	Cortex Dlx-
13	GSE8710	2	HeartValve Cxcr-
14	GSE8710	2	HeartValve Cxcr+
15	GSE7225	3	Cumulus Bmp15+
16	GSE7225	3	Cumulus Bmp15-
17	GSE8818	2	Intestines Bcatenin+
18	GSE8818	2	Intestines Bcatenin-
19	GSE6909	3	Placenta Adra2b-
20	GSE6909	3	Placenta Adra2b+
21	GSE8434	3	Ear Errb+
22	GSE8434	3	Ear Errb-
23	GSE7958	3	Striatum Q92-
24	GSE7958	3	Striatum Q92+
25	GSE6934	2	Kidney Wnt4+
26	GSE6934	2	Kidney Wnt4-
27	GSE6210	3	Liver PGC1beta+
28	GSE6210	3	Liver PGC1beta-
29	GSE6210	3	Muscle PGC1beta+
30	GSE6210	3	Muscle PGC1beta-
31	GSE5298	4	AVCcanal Gata4+
32	GSE5298	4	AVCcanal Gata4-
33	GSE5038	3	MotorNeuron Sod+
34	GSE5038	3	MotorNeuron Sod-
35	GSE6623	3	HematoStemCell Foxo+
36	GSE6623	3	HematoStemCell Foxo-
37	GSE6623	3	Myeloid Foxo+
38	GSE6623	3	Myeloid Foxo-
39	GSE7342	3	FetalLiver p38alpha-
40	GSE7342	3	FetalLiver p38alpha+
41	GSE7407	2	Heart Sirt1-

42	GSE7407	2	Heart_Sirt1+
43	GSE6980	5	Bcells_Xbp1-
44	GSE6980	5	Bcells_Xbp1+
45	GSE3100	3	Lung_Cftr+
46	GSE3100	3	Lung_Cftr-
47	GSE4040	3	Hippocamp_Ppp1r1a+
48	GSE4040	3	Hippocamp_Ppp1r1a-
49	GSE1835	2	Retina_Myoc-
50	GSE1835	2	Retina_Myoc+
51	GSE2372	3	Aorta_apoE+
52	GSE2372	3	Aorta_apoE-
53	GSE6030	3	Pineal_NeuroD1+
54	GSE6030	3	Pineal_NeuroD1-
55	GSE6046	2	Fibroblast_Dicer-
56	GSE6046	2	Fibroblast_Dicer+
57	GSE9131	3	Adipose_Pparg-
58	GSE9131	3	Adipose_Pparg+
59	GSE9123	4	Intestines_PlagL2+
60	GSE9123	4	Intestines_PlagL2-

Drosophila Series A

Condition #	GEO	n	Description
1	GSE3069	3	third instar larvae -4 hours relative to pupariation EcRi control
2	GSE3069	3	0 hour prepupae EcRi control
3	GSE3069	3	4 hour prepupae EcRi control
4	GSE3069	3	third instar larvae -4 hours relative to pupariation EcRi mutant
5	GSE3069	3	0 hour prepupae EcR mutant
6	GSE3069	3	4 hour prepupae EcR mutant
7	GSE3060	3	Organ culture non-treated control
8	GSE3060	3	Organ culture 20E-treated
9	GSE3060	3	Organ culture 20E+cycloheximide-treated
10	GSE3060	3	Organ culture cycloheximide-treated
11	GSE2780	2	WT (w1118) control
12	GSE2780	2	WT (w1118) irradiated
13	GSE2780	2	Mutant (Dmp53NS) control
14	GSE2780	2	Mutant (Dmp53NS) irradiated
15	GSE4188	5	bgn
16	GSE4188	6	Os+bgn
17	GSE4188	5	wild-type (wt)
18	GSE4235	3	WT Migratory cells
19	GSE4235	3	WT Non-Migratory cells
20	GSE4235	3	slbo Migratory cells
21	GSE4235	3	slbo Non-Migratory cells
22	GSE4174	3	Brain Sleeping 2hr
23	GSE4174	3	Brain Sleeping 4hr
24	GSE4174	3	Brain Sleeping 6hr
25	GSE4174	3	Brain Deprived 2hr
26	GSE4174	3	Brain Deprived 4hr
27	GSE4174	3	Brain Deprived 6hr
28	GSE4174	3	Brain Wake 4hr
29	GSE4174	3	Brain ZT10 0hr
30	GSE4174	3	Brain ZT14 0hr
31	GSE4174	3	Brain APStimulation 4hr
32	GSE3566	3	RNAi control
33	GSE3566	3	Enigma RNAi
34	GSE2828	3	Tris 24h
35	GSE2828	3	Tris 48h
36	GSE2828	3	DCV 24h
37	GSE2828	3	DCV 48h
38	GSE1690	5	Tubule
39	GSE1690	3	WholeFly

40	GSE7655	2	E2F
41	GSE7655	2	dnE2F
42	GSE7655	2	E2F2
43	GSE7655	2	Rbf
44	GSE7655	2	Dp Mutant
45	GSE7655	2	E2F 8-10 hrs mutant
46	GSE7655	2	yw 14-16 hrs
47	GSE7655	2	E2F 14-16 hrs mutant
48	GSE6655	2	courtship exposed
49	GSE6655	3	not exposed to courtship
50	GSE7159	3	MnSOD transgenic line -DOX at 50% survival
51	GSE7159	4	MnSOD transgenic line +DOX at -DOX 50% survival
52	GSE7159	4	MnSOD transgenic line +DOX 50% survival
53	GSE7159	4	Control -DOX at 50% survival
54	GSE7159	4	Control +DOX at -DOX 50% survival
55	GSE9889	4	stage13 mef2(65)
56	GSE9889	4	stage13 mef2(424)
57	GSE9889	4	stage13 mef2(113)
58	GSE9889	4	stage13 mef2(Null)
59	GSE9889	4	stage13 control
60	GSE9889	4	third instar larvae -4 hours relative to pupariation EcRi control

Drosophila Series B

Condition #	GEO / ArrayExpress	n	Description
1	GSE2422	3	WT(1)
2	GSE2422	3	Tim-MJD
3	GSE3854	3	EGFR gain of function
4	GSE3854	3	FGFR gain of function
5	GSE6300	3	GMR>RasV12, biological
6	GSE6300	3	GMR>sSpi, biological
7	GSE9001	2	Y/W_Female_Drosophila melanogaster_JHIII_topical
8	GSE7772	2	Wild type embryos
9	GSE7772	2	how GLC embryos
10	GSE5321	2	CS control
11	GSE5321	3	Otd mutant
12	GSE6558	3	Control line biological
13	GSE6558	3	Heat selected line biological
14	GSE6558	3	Constant 30 line biological
15	GSE6558	3	Cold selected line biological
16	GSE6558	3	Longevity selected line biological
17	GSE6558	3	Knock down selected line biological
18	GSE6558	3	Starvation selected line biological
19	GSE6558	3	Desiccation selected line biological
20	GSE5984	4	Mutant larvae
21	GSE5984	3	Wt larvae
22	GSE6420	2	LARK overexpression adult head
23	GSE6420	3	elavGal4 adult head
24	GSE6418	2	Brain immunoprecipitated with anti-LARK
25	GSE6418	2	Brain totalRNA no immunoprecipitation
26	GSE10781	3	Drosophila RasV12
27	GSE10781	4	Drosophila CL8
28	GSE3057	3	third instar larvae -18 hours relative to pupariation
29	GSE3057	3	third instar larvae -4 hours relative to pupariation
30	GSE3057	3	0 hour prepupae
31	GSE3057	3	2 hour prepupae
32	GSE3057	3	4 hour prepupae
33	GSE3057	3	6 hour prepupae
34	GSE3057	3	8 hour prepupae
35	GSE3057	3	10 hour prepupae
36	GSE3057	3	12 hour pupae
37	E-MEXP-152	4	Control Treatment
38	E-MEXP-152	4	paraquat

39	E-MEXP-152	2	hydrogen
40	E-MEXP-152	2	tunicamycin
41	E-MEXP-1287	4	injury 1h
42	E-MEXP-1287	2	injury 6h
43	E-MEXP-1287	2	injury 12h
44	E-MEXP-1287	2	PA14 inoculation 1h
45	E-MEXP-1287	2	PA14 inoculation 6h
46	E-MEXP-1287	2	PA14 inoculation 12h
47	E-MEXP-1287	4	CF5 inoculation 1h
48	E-MEXP-1287	2	CF5 inoculation 6h
49	E-MEXP-1287	2	CF5 inoculation 12h
50	E-MEXP-1287	2	abdominal CF5 inoculation 1h
51	E-MEXP-1287	2	abdominal PA14 inoculation 1h
52	E-MEXP-1287	4	untreated 0h
53	E-MEXP-1287	2	2xPA14:CF5 double inoculation 1h
54	E-MEXP-1287	2	PA14:CF5 double inoculation 1h
55	E-MEXP-1287	2	abdominal injury 1h
56	GSE6515	4	FRM, stage15
57	GSE6515	4	UC, stage15
58	GSE6515	5	UC2x, stage15
59	GSE6515	5	UNC5, stage15
60	GSE6515	4	UR, stage15

Caelegans Series A

Condition #	GEO / ArrayExpress	n	Description
1	GSE2180	3	Strain N2 (wild type) 0 minutes after the 4-cell embryonic stage at 22 degrees C
2	GSE2180	4	Strain N2 (wild type) 23 minutes after the 4-cell embryonic stage at 22 degrees C
3	GSE2180	3	Strain N2 (wild type) 41 minutes after the 4-cell embryonic stage at 22 degrees C
4	GSE2180	4	Strain N2 (wild type) 53 minutes after the 4-cell embryonic stage at 22 degrees C
5	GSE2180	4	Strain N2 (wild type) 83 minutes after the 4-cell embryonic stage at 22 degrees C
6	GSE2180	3	Strain N2 (wild type) 101 minutes after the 4-cell embryonic stage at 22 degrees C
7	GSE2180	3	Strain N2 (wild type) 122 minutes after the 4-cell embryonic stage at 22 degrees C
8	GSE2180	3	Strain N2 (wild type) 143 minutes after the 4-cell embryonic stage at 22 degrees C
9	GSE2180	3	Strain N2 (wild type) 186 minutes after the 4-cell embryonic stage at 22 degrees C
10	GSE2180	3	Mutant genotype mex-3(zu155); skn-1(RNAi) 0 minutes after the 4-cell embryonic stage at 22 degrees C
11	GSE2180	2	Mutant genotype mex-3(zu155); skn-1(RNAi) 23 minutes after the 4-cell embryonic stage at 22 degrees C
12	GSE2180	3	Mutant genotype mex-3(zu155); skn-1(RNAi) 41 minutes after the 4-cell embryonic stage at 22 degrees C
13	GSE2180	2	Mutant genotype mex-3(zu155); skn-1(RNAi) 53 minutes after the 4-cell embryonic stage at 22 degrees C
14	GSE2180	4	Mutant genotype mex-3(zu155); skn-1(RNAi) 83 minutes after the 4-cell embryonic stage at 22 degrees C
15	GSE2180	2	Mutant genotype mex-3(zu155); skn-1(RNAi) 101 minutes after the 4-cell embryonic stage at 22 degrees C
16	GSE2180	4	Mutant genotype mex-3(zu155); skn-1(RNAi) 122 minutes after the 4-cell embryonic stage at 22 degrees C
17	GSE2180	2	Mutant genotype mex-3(zu155); skn-1(RNAi) 143 minutes after the 4-cell embryonic stage at 22 degrees C

18	GSE2180	4	Mutant genotype mex-3(zu155); skn-1(RNAi) 186 minutes after the 4-cell embryonic stage at 22 degrees C
19	GSE2180	2	Mutant genotype pie-1(zu154) 0 minutes after the 4-cell embryonic stage at 22 degrees C
20	GSE2180	3	Mutant genotype pie-1(zu154) 23 minutes after the 4-cell embryonic stage at 22 degrees C
21	GSE2180	3	Mutant genotype pie-1(zu154) 41 minutes after the 4-cell embryonic stage at 22 degrees C
22	GSE2180	3	Mutant genotype pie-1(zu154) 66 minutes after the 4-cell embryonic stage at 22 degrees C
23	GSE2180	3	Mutant genotype pie-1(zu154) 101 minutes after the 4-cell embryonic stage at 22 degrees C
24	GSE2180	3	Mutant genotype pie-1(zu154) 122 minutes after the 4-cell embryonic stage at 22 degrees C
25	GSE2180	3	Mutant genotype pie-1(zu154) 143 minutes after the 4-cell embryonic stage at 22 degrees C
26	GSE2180	3	Mutant genotype pie-1(zu154) 186 minutes after the 4-cell embryonic stage at 22 degrees C
27	GSE2180	4	Mutant genotype pie-1(zu154); pal-1(RNAi) 0 minutes after the 4-cell embryonic stage at 22 degrees C
28	GSE2180	3	Mutant genotype pie-1(zu154); pal-1(RNAi) 23 minutes after the 4-cell embryonic stage at 22 degrees C
29	GSE2180	4	Mutant genotype pie-1(zu154); pal-1(RNAi) 41 minutes after the 4-cell embryonic stage at 22 degrees C
30	GSE2180	3	Mutant genotype pie-1(zu154); pal-1(RNAi) 53 minutes after the 4-cell embryonic stage at 22 degrees C
31	GSE2180	4	Mutant genotype pie-1(zu154); pal-1(RNAi) 66 minutes after the 4-cell embryonic stage at 22 degrees C
32	GSE2180	3	Mutant genotype pie-1(zu154); pal-1(RNAi) 83 minutes after the 4-cell embryonic stage at 22 degrees C
33	GSE2180	4	Mutant genotype pie-1(zu154); pal-1(RNAi) 122 minutes after the 4-cell embryonic stage at 22 degrees C
34	GSE2180	3	Mutant genotype pie-1(zu154); pal-1(RNAi) 143 minutes after the 4-cell embryonic stage at 22 degrees C
35	GSE2180	4	Mutant genotype pie-1(zu154); pal-1(RNAi) 186 minutes after the 4-cell embryonic stage at 22 degrees C

36	GSE9665	2	mex-3 (zu155) mutant, control, id 143
37	GSE9665	2	mex-3 (zu155) mutant, control, id 230
38	GSE9665	2	mex-3 (zu155) mutant, scrt-1 RNAi, id 143
39	GSE9665	3	mex-3 (zu155) mutant, elt-1 RNAi, id 143
40	GSE9665	3	mex-3 (zu155) mutant, vab-7 RNAi, id 186
41	GSE9665	2	mex-3 (zu155) mutant, hlh-1 RNAi, id 186
42	GSE9665	2	mex-3 (zu155) mutant, hlh-1 RNAi, id 230
43	GSE9665	3	mex-3 (zu155) mutant, nhr-25 RNAi, id 186
44	GSE9665	3	mex-3 (zu155) mutant, nob-1 RNAi, id 186
45	GSE9665	3	mex-3 (zu155) mutant, unc-120 RNAi, id 120
46	GSE9665	3	mex-3 (zu155) mutant, hnd-1 RNAi, id 143
47	GSE9665	2	mex-3 (zu155) mutant, lin-26 RNAi, id 186
48	GSE9665	2	mex-3 (zu155) mutant, lin-26 RNAi, id 230
49	GSE9665	3	mex-3 (zu155) mutant, pal-1 RNAi, id 143
50	GSE9665	2	mex-3 (zu155) mutant, pal-1 RNAi, id 230
51	E-MEXP-956	4	Adult, rde-1 mutant
52	E-MEXP-956	4	Adult, red-4 mutant
53	E-MEXP-956	4	Adult, N2 Bristol wildtype
54	E-MEXP-957	3	Adult, unc-32(e189);dcr-1(ok247)
55	E-MEXP-957	3	Adult, unc-32(e189)
56	E-MEXP-687	3	L2 stage, wild type
57	E-MEXP-687	2	L2 stage, dbl-1 loss of function mutant
58	E-MEXP-687	3	L2 stage, sma-9 loss of function mutant
59	E-MEXP-696	3	L3 stage, control
60	E-MEXP-696	3	L3 stage, <i>M. Nematophilum</i> infection

Caenorhabditis elegans Series B

Condition #	GEO	n	Description
1	GSE2210	2	tom-1(nu468) mutant, whole body, stage 4 larvae
2	GSE2210	4	wild type, whole body, stage 4 larvae
3	GSE2210	3	unc-43(n1186) mutant, whole body, stage 4 larvae
4	GSE8231	3	embryonic muscle, HLH-1 induction 0 hr
5	GSE8231	3	embryonic muscle, HLH-1 induction 2 hr
6	GSE8231	3	embryonic muscle, HLH-1 induction 4 hr
7	GSE8231	3	embryonic muscle, HLH-1 induction 6 hr
8	GSE9485	5	wildtype neurons (mid-L2)
9	GSE9485	3	wildtype whole body (mid-L2)
10	GSE9301	4	TJ1090 strain, unstressed
11	GSE9301	4	TJ1090 strain, oxidative stress
12	GSE9301	3	TJ1090 strain, oxidative stress, skn-1 RNAi
13	GSE8659	3	N2 strain, whole body, stage 4 larvae
14	GSE8659	3	rrf-3 mutant, whole body, stage 4 larvae
15	GSE8659	3	eri-1 mutant, whole body, stage 4 larvae
16	GSE8462	3	N2, embryonic cells, 0 hrs. in culture
17	GSE8462	3	N2, embryonic muscle, 0 hrs. in culture
18	GSE8462	4	N2, embryonic cells, 24 hrs. in culture
19	GSE8462	3	N2, embryonic muscle, 24 hrs. in culture
20	GSE8004	4	wild type, embryonic whole body
21	GSE8004	3	wild type, embryonic neurons
22	GSE8004	5	wild type, larval whole body
23	GSE8004	3	wild type, larval neurons
24	GSE8004	4	wild type, mid-L2, A-class neurons
25	GSE8004	5	wild type, mid-L2, whole body
26	GSE8159	4	wild type, embryonic whole body
27	GSE8159	3	wild type, embryonic, A-class neurons
28	GSE4766	3	glp-1 embryos, strain JK1107
29	GSE4766	3	glp-1 young adults, strain JK1107
30	GSE4766	2	glp-1 old adults, strain JK1107
31	GSE6547	3	N2 wild type, L1 stage
32	GSE6547	3	lin-35(n745), L1 stage
33	GSE6547	3	N2 wild type, L4 stage
34	GSE6547	3	lin-35(n745), L4 stage
35	GSE6547	3	N2 wild type, embryonic
36	GSE6547	3	lin-35(n745), embryonic
37	GSE5793	3	4 hrs on E.coli strain OP50, whole body
38	GSE5793	3	8 hrs on E.coli strain OP50, whole body
39	GSE5793	3	4 hrs on P. aeruginosa PA14 mutant strain gacA
40	GSE5793	3	8 hrs on P. aeruginosa PA14 mutant strain gacA
41	GSE5793	3	4 hrs on P. aeruginosa

42	GSE5793	3	8 hrs on <i>P. aeruginosa</i>
43	GSE5801	3	daf-2(e1368), late L4/young adult, whole animal
44	GSE5801	3	daf-2(e1368);daf-16(mgDf47), L4, whole animal
45	GSE5801	3	daf-2(e1368);pmk-1(km25), L4, whole animal
46	GSE6563	2	daf19(m86) daf12(sa204)
47	GSE6563	2	daf19(WT) daf12(sa204)
48	GSE7354	1	whole animal, nucleus accumbens, Ce-imp-2 RNAi
49	GSE7354	1	whole animal, nucleus accumbens, control
50	GSE9665	2	mex-3 (zu155) mutant, control, id 186
51	GSE9665	3	mex-3 (zu155) mutant, scrt-1 RNAi, id 186
52	GSE9665	3	mex-3 (zu155) mutant, tbx-8, 9 RNAi, id 143
53	GSE9665	3	mex-3 (zu155) mutant, elt-1 RNAi, id 186
54	GSE9665	3	mex-3 (zu155) mutant, vab-7 RNAi, id 230
55	GSE9665	3	mex-3 (zu155) mutant, nhr-25 RNAi, id 230
56	GSE9665	3	mex-3 (zu155) mutant, elt-3 RNAi, id 230
57	GSE9665	3	mex-3 (zu155) mutant, nob-1 RNAi, id 230
58	GSE9665	3	mex-3 (zu155) mutant, unc-120 RNAi, id 230
59	GSE9665	3	mex-3 (zu155) mutant, hnd-1 RNAi, id 186
60	GSE9665	3	mex-3 (zu155) mutant, pal-1 RNAi, id 186