

CDS	Gene	D2F15D1_1	D2F15D1_2	D2F15D6_1	D2F15D6_2	D2F15D10_1	D2F15D10_2	N2YA	F15D1_1	F15D1_2	F15D6_1	F15D6_2
B0563.9		23	1	1	2	3	3		0	0	0	1
C02F5.8	tsp-1	62	7	156	97	32	105		3	2	3	27
C06A5.12		31	24	20	49	20	34		8	4	2	6
C07A12.2		1	6	10	18	1	19		1	1	0	3
C08A9.1	sod-3	5	41	92	96	5	106		5	2	3	7
C13A10.2		4	7	14	10	2	5		3	1	0	0
C25G4.1	cllec-185	9	1	5	12	7	5		0	0	0	2
C33E10.2	fbxa-120	1	4	1	17	1	1		1	0	0	0
C47E8.3		1	1	0	2	0	2		0	0	0	0
C53B7.3		297	243	2097	2169	702	1353		101	102	77	579
D1007.19		4	2	12	17	12	9		2	1	0	0
F10E9.10		1	3	0	5	1	2		0	0	0	0
F15E6.5		21	1	9	15	3	5		0	0	0	0
F21C10.11		265	121	324	487	213	239		14	21	24	65
F28B4.4		3	1	2	2	6	10		3	1	0	0
F40G12.4		1	1	2	4	0	1		0	0	0	0
F48D6.3	hlh-13	24	7	15	49	21	8		0	1	0	0
H39E23.2		11	1	5	4	0	4		0	0	0	0
H39E23.3		59	5	575	844	4	178		0	0	0	6
K04A8.5		2	10	3	50	3	8		0	0	1	0
K04A8.8	spp-20	26	2	20	10	26	14		0	0	0	0
K05C4.8		11	4	8	15	20	6		0	1	1	0
K06G5.2	cyp-13B2	1	4	7	31	1	12		3	0	0	3
R11D1.3		2	63	9	37	0	18		6	0	31	7
T23F2.4		29	4	37	54	10	40		0	2	0	10
T25B9.3		1	8	3	8	1	2		1	0	0	0
W10G11.2		9	9	13	8	11	10		1	2	1	0
Y37E11B.7		633	117	38	34	21	29		17	9	21	6
Y38E10A.11		36	2	21	15	2	7		1	0	0	2
Y38E10A.25		4	4	2	1	0	1		1	0	2	0
Y53F4B.12		6	10	7	5	6	6		2	1	0	0
Y57E12B.4		3	9	230	22	1	160		0	0	0	2
Y60A3A.14		4	2	1	2	0	1		1	0	1	0
Y60C6A.1		2	1	133	2	0	20		0	0	0	1
ZK1290.10		1	4	11	23	1	8		0	0	0	4

Note: all counts were normalized to 1M tags

Supplementary Table 4A

Genes consistently up-regulated in *daf-2;fer-15* adults when compared to normal-lived *C. elegans*.

Abbreviations: D2 = *daf-2*, F15 = *fer-15*, D_x = Day_x, N2YA = N2 Young Adults.

CDS	Gene	D2F15D1_1	D2F15D1_2	D2F15D6_1	D2F15D6_2	D2F15D10_1	D2F15D10_2	N2YA	F15D1_1	F15D1_2	F15D6_1	F15D6_2	
B0041.2		4	2	21	7	20	6		46	43	15	154	16
C04F6.1	vit-5	32	53	10	83	467	72		2992	932	130	3252	955
C09D4.5	rpl-19	187	201	944	196	853	149		1163	2405	842	2612	588
C29E4.8	let-754	1	2	1	1	0	2		12	20	18	16	4
C29F9.7	pat-4	1	4	2	1	3	1		9	21	19	26	3
C37C3.6	ppn-1	3	69	46	5	14	11		25	496	269	41	19
C49G7.3		10	23	47	5	77	6		7	61	107	87	35
C51E3.9		1	5	7	1	3	1		3	17	22	7	2
F09B9.3	erd-2	11	3	10	1	10	1		22	48	19	68	2
F13G3.11		6	9	12	10	6	13		37	30	47	34	28
F21F8.3	asp-5	61	17	55	4	260	6		149	472	71	768	20
F25B4.9	clec-1	32	10	44	6	93	3		63	188	34	224	17
F27E5.1		8	18	26	14	23	6		65	47	59	35	38
F29C4.2		64	21	20	4	45	6		120	321	47	316	15
F36A4.7	ama-1	1	2	17	6	17	7		18	36	14	387	62
F40F11.1	rps-11	388	141	244	61	404	90		1210	2701	261	1590	181
F49D11.8	cpn-4	21	20	12	6	44	4		18	57	51	18	24
F54D8.6		1	5	19	7	4	9		22	27	17	32	19
K04H4.1	emb-9	4	38	9	1	9	2		37	425	117	29	11
R07B1.10		90	27	52	10	206	9		120	198	54	206	25
T06E4.1	hcp-2	1	7	55	11	3	9		22	44	18	178	23
T11B7.3		13	44	10	3	6	2		35	105	119	14	11
T12B5.6	fbxa-55	1	1	5	1	3	1		4	4	3	2	3
T19D12.4		2	22	68	2	4	7		15	39	60	77	24
T22E5.5	mup-2	43	76	5	4	85	6		138	529	239	83	15
W10G6.2		3	3	3	1	3	1		7	11	16	3	3
Y106G6A.2		3	5	33	10	8	10		27	20	14	39	21
Y32F6A.5		9	17	23	13	8	12		30	37	43	152	26
Y38A8.2	pbs-3	13	13	24	26	28	31		159	121	35	255	67
Y43F8C.13		7	11	4	2	3	1		21	30	25	12	4
Y53C10A.5		3	9	24	1	20	1		21	22	24	3	2
ZK265.9		2	6	13	4	37	7		44	66	20	75	26
ZK270.2	frm-1	1	13	77	7	8	9		30	65	28	89	19
ZK6.10	dod-19	26	51	45	7	67	10		137	165	148	36	47
ZK6.11		13	61	4	3	4	6		190	173	291	45	23
ZK973.6		6	31	37	33	7	16		24	122	95	84	65

Note: all counts were normalized to 1M tags

Supplementary Table 4B

Genes consistently down-regulated in *daf-2;fer-15* adults when compared to normal-lived *C. elegans*.

Abbreviations: D2 = *daf-2*, F15 = *fer-15*, D_x = Day_x, N2YA = N2 Young Adults.

CDS	Gene	DAU_1	DAU_2	ODAU	N2YA	F15D1_1	F15D1_2	F15D6_1	F15D6_2
AC7.2	soc-2	11	10	10	0	7	7	1	1
B0001.6		254	76	344	13	34	21	123	38
B0024.14	crm-1	143	18	117	3	5	9	7	14
B0213.4	nlp-29	45	92	128	16	28	28	40	15
B0222.1		11	14	38	2	1	0	0	1
B0244.2	ida-1	559	688	455	27	36	67	10	38
B0252.8		63	49	43	6	14	13	1	0
B0280.8	nhr-10	27	28	23	11	5	12	9	33
B0395.2		17	14	12	0	6	9	0	0
B0412.2	daf-7	35	18	25	0	3	1	1	0
B0457.6		24	21	28	12	12	0	12	4
B0491.8	clh-2	10	14	13	0	2	0	0	0
B0507.10		11	71	12	0	5	0	5	4
B0511.5		522	16	366	1	2	0	0	0
C01B7.1		77	23	53	2	14	2	1	3
C01B7.4	tag-117	62	42	48	2	3	11	10	17
C02C6.2		25	10	15	5	2	8	13	8
C04A11.4	adm-2	10	17	22	2	3	2	9	2
C04A11.5		17	12	15	0	3	0	2	0
C04F12.8		11	11	30	2	4	0	4	0
C05D9.9		80	22	52	3	11	1	0	1
C05E11.4	amt-1	16	36	14	0	0	0	0	0
C05E11.8		61	68	70	7	8	10	11	10
C05E7.3		50	44	49	0	1	1	8	2
C06A12.3		26	37	27	11	8	14	0	40
C06A8.9	glr-4	10	18	11	2	3	2	0	2
C06E1.10	rha-2	20	18	11	3	3	5	3	12
C06E4.7		10	15	11	0	0	0	0	0
C07A12.2		26	43	29	1	1	0	1	3
C09E10.2	dgk-1	34	30	24	1	8	3	1	0
C11D2.2		10	204	10	0	0	0	0	0
C11E4.2		63	141	219	0	22	34	4	13
C12D8.4	ttr-19	23	48	13	0	0	0	0	0
C13A10.2		43	42	26	3	1	0	1	0
C13B9.4		27	10	29	0	7	0	1	0
C13C4.2	nhr-154	24	12	18	2	5	0	2	5
C13G3.1		68	21	51	10	2	0	6	42
C13G5.1	ceh-16	26	23	15	3	1	0	8	11
C14F11.3	lite-1	14	15	37	0	1	2	2	1
C14F5.3	tnt-3	131	55	208	2	11	19	7	0
C15A11.7		166	100	135	32	28	21	6	20
C16C4.17		16	27	10	0	0	0	0	1
C18A11.1		131	57	95	9	7	7	13	11
C18A11.2		19	12	23	3	2	4	8	2
C18A3.9		138	45	55	15	6	7	4	85
C18D1.3	flp-4	56	61	31	2	6	12	8	2
C18E9.1	cal-2	94	103	66	6	7	24	1	12
C18H7.1		55	176	45	0	0	0	0	0
C25A1.11	aha-1	23	11	15	6	5	0	9	6

C25E10.2	cyp-33B1	16	29	12	0	0	0	0	0
C25E10.5		17	36	11	3	4	2	2	15
C25F6.2	dlg-1	21	31	21	2	19	17	58	27
C25H3.10		127	83	101	12	9	2	2	20
C25H3.5	flp-27	10	24	21	2	6	1	8	0
C26D10.6		14	14	16	4	4	0	1	1
C26F1.10	flp-21	121	102	90	2	7	7	1	1
C27B7.7		43	14	47	6	5	0	3	3
C27B7.9		714	248	348	29	10	12	62	87
C27H2.2		15	32	14	8	7	3	3	6
C27H5.8	glc-4	30	53	23	1	8	16	1	10
C28D4.9	nhr-138	19	13	13	5	9	0	7	5
C28F5.2		23	20	21	0	2	2	0	2
C30F12.6		41	48	25	4	7	11	10	12
C30F8.4	kin-32	11	10	12	3	6	2	2	2
C30G4.7		21	36	19	1	8	7	1	4
C30G7.1	hil-1	143	161	88	2	10	8	6	66
C31B8.4		17	10	19	0	1	0	2	0
C32F10.4		1586	68	1454	11	15	15	12	27
C33A11.1		19	30	64	8	11	2	47	0
C33A11.4	tag-97	15	22	30	0	1	7	0	3
C33A12.2	nlp-35	8	15	25	0	4	1	2	0
C33A12.4		30	85	42	16	5	15	7	36
C33G8.6	nhr-42	11	12	14	2	7	5	2	7
C34C6.6	prx-5	18	22	59	5	8	6	2	0
C34E11.3	tag-241	16	10	28	5	7	0	0	3
C34F11.8		0	8	2	5	1	3	11	8
C35C5.9		41	143	116	16	24	24	54	7
C37C3.12		24	11	16	0	4	3	0	0
C37C3.8	tag-253	27	13	79	9	8	0	55	0
C37F5.1	lin-1	46	20	38	5	11	2	6	6
C38H2.1		27	28	20	0	3	17	1	9
C39D10.11		11	20	15	9	9	9	2	2
C40C9.5	nlg-1	17	19	15	0	3	6	4	0
C41D7.2	ptr-3	28	14	25	0	3	9	0	0
C44B7.6		36	37	61	0	2	6	8	7
C44H9.8		29	13	27	5	4	3	75	46
C45G9.13		290	207	246	39	28	34	29	24
C46H11.10		35	13	21	0	2	0	0	0
C48B6.6	smg-1	30	31	44	6	11	18	3	20
C49C3.8		22	29	15	7	3	7	4	6
C49H3.5	ntl-4	95	17	66	8	8	1	8	14
C50A2.3		24	23	20	12	8	6	2	6
C50D2.6		20	15	15	1	1	6	1	9
C50E3.6		17	13	10	0	9	5	0	0
C52A11.4	mpz-1	98	95	86	5	15	27	1	25
C52D10.11	flp-17	32	11	19	0	1	3	1	4
C52E12.2	unc-104	21	75	82	8	13	9	8	2
C53B7.3		285	637	203	101	102	77	188	579
C53D5.1		46	43	26	10	15	17	7	70

C54F6.5		131	234	67	1	0	23	7	82
CC4.2	nlp-15	49	22	74	2	3	2	3	0
DH11.4		10	12	10	0	3	6	2	0
E01G4.5		59	33	54	1	2	1	42	18
E01G6.2		24	46	11	1	2	4	1	2
E01H11.3	flp-20	32	24	32	0	7	1	8	1
E02A10.4		120	38	129	3	6	7	3	0
E02H1.1		166	132	110	30	14	38	7	54
EEED8.2		15	11	14	3	2	0	14	5
F01D4.8		286	175	231	0	0	0	0	6
F01G10.8	daf-14	25	12	19	5	4	2	4	4
F02A9.1		20	16	19	2	3	3	0	0
F02C12.5	cyp-13B1	53	84	43	1	4	1	1	5
F08B1.3		78	23	48	14	11	10	5	42
F08B12.3	slo-2	13	17	9	3	6	4	1	0
F08G5.3		39	22	24	3	6	1	0	0
F09C3.2		27	31	24	3	8	11	3	4
F09E5.16		37	234	31	6	12	17	4	19
F09F7.7		904	116	834	16	17	28	17	44
F10B5.3		117	44	100	0	0	0	0	0
F10B5.4	tub-1	15	11	11	0	3	6	1	0
F10E7.9		26	34	25	1	7	2	1	3
F11H8.4	cyk-1	25	19	30	2	9	7	5	3
F12F3.1	exp-2	28	18	36	0	2	4	0	0
F13B9.5	ksr-1	25	46	23	0	8	18	1	12
F13D11.2		32	16	22	1	6	5	3	3
F13D11.3		105	53	74	3	8	2	0	8
F13E9.11		16	11	10	0	0	0	5	1
F13G11.1		152	10	127	3	8	0	2	0
F14D12.4	mec-2	21	13	15	1	3	2	0	10
F14F11.2		59	74	52	3	7	4	0	6
F14F3.1	vab-3	11	10	20	1	7	6	13	2
F15B9.3	far-5	46	32	33	15	5	2	3	7
F16B4.12	nhr-117	20	16	13	2	1	0	1	12
F16H6.10		43	13	43	7	8	9	3	0
F16H9.1	rgs-2	49	32	44	3	8	3	0	0
F17C11.2		57	147	53	2	14	5	3	11
F18E2.5	gpa-13	25	36	18	4	1	0	0	4
F18G5.6		75	56	131	9	18	8	11	37
F19H6.1	nekl-3	81	31	38	16	16	16	2	29
F19H6.2		38	45	21	5	4	3	0	4
F20A1.6		30	189	24	1	3	0	5	4
F20B6.8	hpk-1	25	25	38	7	18	15	10	8
F20D1.10	tag-299	313	314	291	44	60	68	47	65
F21A10.2		37	19	36	9	11	12	26	12
F21A3.2		45	26	40	2	4	18	9	8
F21C10.11		145	94	46	14	21	24	38	65
F21C10.3		12	11	24	1	3	0	1	0
F21D12.3		64	38	39	0	3	3	0	2
F21F3.1		66	30	88	6	14	11	6	4

F22B7.9		37	191	28	15	6	4	8	13
F22E12.4	egl-9	35	32	38	10	19	4	3	9
F22F1.1	hil-3	807	102	559	17	14	16	16	39
F26D12.1	fkx-7	182	112	129	6	13	20	10	34
F26F4.3	rom-1	41	10	32	8	4	9	11	43
F26G1.2		31	13	36	2	1	1	160	3
F28B4.4		25	12	21	3	1	0	0	0
F28C1.3		79	45	82	17	26	14	9	24
F29F11.5		19	10	13	0	4	0	0	0
F30H5.4		12	100	63	5	5	8	24	6
F31E8.2	snt-1	41	20	38	3	8	7	0	0
F32A5.6	prx-13	10	11	12	7	3	5	2	0
F34H10.2		11	15	14	0	0	0	0	0
F35B12.9		86	48	62	4	11	10	10	0
F36D3.9	cpr-2	974	48	909	0	21	0	2	0
F36F2.1		84	27	58	5	5	13	0	0
F36F2.2		107	176	60	3	2	17	1	41
F36H12.1		48	27	118	11	14	0	3	0
F36H2.5		32	28	20	2	2	12	0	5
F38A6.1		9	54	47	5	7	1	3	1
F39C12.4		12	15	10	1	2	0	0	0
F39H2.1	flp-22	170	85	113	14	22	20	9	10
F40G12.5		42	65	28	0	1	0	3	0
F40H3.1		195	232	93	17	9	49	8	70
F41B5.2	cyp-33C7	19	18	10	0	1	1	7	6
F41B5.4	cyp-33C3	15	10	11	1	4	4	0	2
F42G10.2	mkk-4	13	65	33	6	6	6	3	3
F42H10.5		20	15	10	1	4	3	1	0
F43G6.8		14	15	35	3	4	2	1	0
F44A2.5		178	88	143	7	23	35	3	11
F44B9.1	dpf-6	73	143	77	5	25	5	2	6
F44C8.3	nhr-18	16	12	39	3	6	1	11	2
F44D12.1		35	44	25	5	16	14	19	5
F44G4.8	dep-1	62	45	44	2	14	18	5	24
F45D3.3		298	56	127	26	12	27	3	76
F45D3.4		23	11	61	9	7	4	172	24
F45E6.2	atf-6	47	38	31	2	2	7	2	15
F45G2.2		21	30	22	0	4	5	0	0
F46A8.7		14	10	40	0	0	0	0	0
F46C3.1	pek-1	39	34	28	16	19	8	6	68
F47A4.5		20	53	29	10	9	10	36	16
F47B8.3		84	44	58	5	2	8	7	6
F47D12.1	gar-2	10	79	24	2	6	9	0	2
F47E1.1		36	11	33	0	0	0	1	0
F48B9.4	nlp-37	52	23	41	1	4	0	0	0
F48C11.3	nlp-3	49	75	75	4	11	8	2	4
F48E8.3		61	73	203	38	37	18	88	13
F49E10.3	flp-7	11	61	26	8	8	7	2	3
F49E11.6		64	618	41	0	0	0	0	0
F49E2.4		23	10	16	3	4	7	1	0

F53B2.8		62	74	129	7	10	7	65	4
F53G12.1	rab-11.1	3433	3125	2298	981	712	642	692	3051
F54B11.5		23	35	13	9	4	5	20	49
F54C9.7		44	11	36	1	1	0	1	0
F54D1.6		78	44	55	12	22	26	7	3
F55C12.4		46	15	16	1	3	9	0	6
F55F3.1	aakb-1	61	40	32	7	5	18	4	1
F55H12.3		38	31	28	11	19	9	2	15
F56D5.3		15	15	10	1	1	2	0	1
F56F10.2		17	13	23	1	3	4	0	1
F56F3.6	ins-17	27	123	60	5	11	14	5	4
F57A8.1		68	52	42	5	8	7	12	17
F57B1.7		86	35	72	0	1	0	1	0
F57F4.2		147	2338	327	0	0	0	0	0
F57G12.1		167	70	138	16	34	28	36	37
F58A3.1	ldb-1	64	24	53	10	12	7	8	3
F58B4.3		61	25	56	3	2	7	2	5
F58B4.6		10	10	12	1	1	4	0	1
F58E10.7		175	246	128	4	4	8	3	7
F58G6.5	nhr-34	24	20	25	11	8	7	4	7
F58H1.7		12	10	41	5	4	2	2	0
F58H10.1		165	40	109	0	13	17	13	32
F58H12.1	kin-29	64	34	58	2	15	6	3	0
F59A6.1	nsy-1	67	23	69	13	11	14	7	14
F59C6.11		17	10	14	1	5	0	0	2
H06O01.3	ctg-1	32	20	31	13	16	3	6	15
H41C03.1		43	43	31	7	19	9	10	14
K01A2.10		141	10	131	1	3	2	2	5
K01B6.1	fozi-1	24	24	19	1	7	0	0	3
K02D3.1		64	37	31	1	14	9	5	15
K02F2.6	ser-3	47	19	43	4	4	5	1	11
K04G11.2	sel-7	98	12	63	0	1	0	0	0
K04G7.3		190	147	108	13	8	22	10	44
K04H4.7	flp-25	26	11	25	2	3	2	23	2
K07A9.2	cmk-1	21	10	23	1	3	0	0	8
K07B1.8		14	3	27	0	1	4	4	5
K08B12.2		429	303	295	27	29	34	10	38
K08E5.2	nac-3	29	15	20	5	7	2	1	0
K08F8.6	let-19	79	14	62	6	6	2	6	6
K09E4.4		25	27	31	0	3	0	0	2
K09E9.5		21	12	14	2	0	3	1	2
K10D3.2	unc-14	88	61	86	13	19	5	8	10
K10D6.4		22	17	24	6	3	3	14	8
K11G9.6	mtl-1	21	83	41	8	14	1	304	22
M01G12.12	rff-2	26	43	27	1	2	0	18	17
M01H9.3		481	989	366	79	41	42	66	191
M02A10.3	sli-1	32	59	37	7	16	19	8	13
M163.1		133	151	125	8	17	38	18	31
M176.5		42	35	51	12	11	14	1	4
M176.8		56	46	46	7	7	6	4	0

M79.3		21	23	21	9	8	4	3	13
M79.4	flp-19	21	90	105	6	12	2	3	1
MTCE.33		1438	699	905	48	137	236	119	254
R01H2.7		18	16	13	3	4	4	7	4
R02C2.3	tag-40	47	257	127	0	0	0	0	0
R03G8.1		22	10	17	2	7	3	1	3
R05C11.4		17	11	12	1	2	1	0	0
R06F6.11	tag-209	16	10	21	1	4	1	2	0
R07C12.1		32	47	36	0	2	0	0	0
R09A8.5		27	119	21	2	3	6	3	19
R09B5.11		36	69	76	4	9	5	2	5
R10E4.1		18	13	17	6	9	2	13	34
R10E9.1	msi-1	214	433	180	26	41	28	21	79
R11D1.3		94	61	85	6	0	31	0	7
R11F4.1		11	11	56	3	9	0	181	4
R13.4		152	15	88	7	7	0	8	9
R13A5.12	lpd-7	396	341	885	117	124	51	464	60
R13H4.5		38	24	21	1	8	5	0	3
R13H8.1	daf-16	241	43	201	29	25	16	56	17
R90.5		21	39	14	0	1	7	0	8
T01B6.3		43	52	34	5	3	9	5	23
T01C8.1	aak-2	21	26	16	3	4	1	11	14
T01E8.1		4	0	2	1	3	1	2	0
T01G1.2		40	14	39	1	5	1	5	1
T01G6.2	nhr-131	10	11	10	1	4	1	1	8
T02C5.5	unc-2	43	23	32	3	11	9	1	12
T02E9.1		13	17	11	0	1	0	0	0
T02E9.5		190	50	104	18	11	27	18	23
T03G11.4		36	27	25	19	16	19	9	31
T04A8.4	tag-243	71	33	262	2	13	1	7	0
T04B2.5		119	63	71	26	32	16	7	22
T04C12.7		55	41	55	1	4	3	0	3
T05A6.1	cki-1	32	26	29	4	12	18	10	21
T05B4.12		13	80	38	0	0	0	0	0
T05C1.4		13	70	27	4	6	6	17	2
T06A1.7	fipr-25	18	33	19	0	0	0	0	0
T06F4.1		10	19	24	4	8	5	2	0
T08B1.4		3	0	1	0	0	0	0	0
T09F3.1		54	26	31	7	9	4	1	5
T09H2.1	cyp-34A4	33	13	43	0	2	6	7	8
T10H10.3		11	24	13	2	7	0	2	6
T10H4.11	cyp-34A2	30	54	62	0	0	5	0	0
T12A7.2		55	24	46	2	9	0	2	0
T12G3.1		45	32	136	8	14	1	237	4
T13A10.5	nlp-16	40	49	28	0	5	1	6	6
T13H5.1		10	11	17	2	9	8	2	3
T14B1.1		24	44	20	0	4	10	3	0
T14D7.2		307	412	180	36	53	76	16	49
T14F9.4	peb-1	35	10	42	0	7	0	1	0
T19A6.2	ngp-1	175	76	147	9	10	30	10	8

T19E7.6		21	55	23	7	16	14	5	20
T20B5.3	oga-1	18	15	17	7	8	8	5	4
T20D4.6		12	11	13	3	2	7	0	1
T21D12.9		43	21	26	7	14	13	7	12
T21E3.3	lrp-2	31	26	34	7	16	13	14	31
T22B11.3		75	18	56	0	1	8	0	0
T22B2.4	sup-12	61	41	63	5	25	23	2	6
T22C8.3		29	26	19	6	7	0	6	28
T22H6.7	abf-6	13	18	13	2	8	7	6	3
T23D8.2	tsp-7	0	0	0	0	0	0	0	0
T23E7.6		10	23	11	0	7	3	7	74
T23F2.2		19	12	23	0	3	1	0	0
T23F2.4		100	105	68	0	2	0	5	10
T23H2.2	snt-4	224	107	185	8	19	28	4	12
T24A11.2	xbx-5	10	10	21	1	5	0	0	3
T25B9.8		23	21	26	12	8	18	8	34
T25D10.3	spp-11	17	145	13	0	0	0	0	0
T26G10.5		74	26	60	2	1	2	0	0
T27C4.1		78	77	214	6	17	1	14	0
T27F6.8		21	83	46	1	2	0	13	0
T28B4.4		51	22	49	3	8	0	4	6
T28F2.2		10	10	10	5	3	5	2	7
VC5.2		88	141	83	11	17	9	4	8
W01A11.6	moc-2	115	63	126	7	7	29	3	13
W02A11.3		15	10	13	5	7	5	28	10
W02C12.2		20	49	16	2	5	6	0	0
W07A12.4		11	18	20	1	1	0	0	1
W07E11.3	flp-2	42	133	133	9	17	0	6	3
W09C5.5		33	17	17	5	9	3	10	49
W10D5.1	mef-2	29	24	35	1	7	10	1	0
W10G11.2		27	93	18	1	2	1	2	0
Y102A11A.2		23	26	27	0	3	3	1	0
Y110A2AL.4		221	67	118	3	0	0	29	12
Y113G7A.16		45	22	32	0	0	0	0	0
Y12A6A.2		47	55	34	1	1	11	0	1
Y15E3A.5		18	15	39	3	6	0	26	0
Y22F5A.6	lys-3	27	130	60	0	1	0	92	0
Y23B4A.2		29	16	17	2	3	4	1	0
Y32H12A.8		21	10	34	7	8	2	6	2
Y34F4.2		55	53	38	0	4	11	5	6
Y37A1A.2		14	15	20	8	5	7	4	0
Y37D8A.15	flp-14	40	59	91	10	21	11	32	5
Y39H10A.1		34	11	44	0	0	0	3	0
Y40C5A.4		28	30	26	0	1	0	1	2
Y44A6C.1		93	128	65	6	5	28	11	24
Y45F10A.5	nlp-17	60	27	51	7	2	17	4	0
Y45F10A.7		10	13	10	2	4	7	5	0
Y47D3A.27	teg-1	29	32	30	9	7	15	5	50
Y47D3B.2	nlp-21	44	29	37	3	5	4	8	0
Y47G6A.7		61	24	142	16	9	0	5	3

Y48A6A.1	zig-5	41	39	48	2	4	2	5	0
Y48D7A.2	flp-18	16	26	50	4	9	1	16	0
Y48E1B.9		84	44	80	15	6	6	97	28
Y4C6B.2		41	390	60	1	5	12	2	8
Y50D4A.5		27	30	25	15	11	18	3	40
Y50E8A.16	haf-7	12	14	33	4	5	9	8	4
Y51A2A.11		30	326	20	0	0	0	0	0
Y51H4A.17		23	10	14	3	1	2	1	2
Y54E10BR.4		224	44	185	20	14	28	41	20
Y54G2A.29		25	22	14	0	5	7	2	0
Y57G11A.4		30	13	25	4	6	1	0	0
Y60C6A.1		10	517	32	0	0	0	0	1
Y69A2AR.7		19	34	40	14	7	5	38	4
Y71F9B.5	lin-17	21	14	30	4	8	0	7	2
Y71H9A.3	sto-4	10	15	13	4	6	2	15	9
Y73B6BL.35		32	18	37	0	6	7	1	4
Y73F8A.11		16	53	53	7	5	9	7	2
Y75B8A.2	nob-1	66	18	62	9	7	0	7	6
Y76A2B.6		417	168	208	37	18	43	28	336
Y82E9BR.23		49	20	33	3	7	4	0	0
Y9C2UA.1		35	12	38	1	7	4	0	0
ZC190.4		101	55	86	2	20	19	0	5
ZC443.3		175	64	117	4	4	8	11	52
ZC443.4		86	19	69	0	1	8	4	6
ZK131.2	his-25	191	13	116	2	5	2	2	6
ZK1320.10	nlp-11	336	187	310	14	33	22	6	9
ZK154.6		51	36	43	12	13	5	31	29
ZK381.5	prkl-1	33	19	20	1	4	2	2	5
ZK524.2	unc-13	36	11	33	1	8	8	1	0
ZK525.1	flp-15	202	74	107	10	16	9	19	16
ZK593.6	lgg-2	89	10	84	8	9	1	11	19
ZK643.8	grl-25	15	590	11	0	0	0	0	0
ZK84.6	ins-6	86	32	64	4	6	13	3	3
ZK863.8		51	30	40	2	9	15	6	24
ZK867.1		38	28	32	1	7	7	3	6
ZK970.1		46	60	35	2	6	15	4	1

Note: all counts were normalized to 1M tags

Supplementary Table 5A

Genes consistently up-regulated in dauer larvae when compared to normal-lived *C. elegans*.

Abbreviations: DAU = dauer (ODAU = Old dauer, 14-day), F15 = *fer-15*, D_x = Day_x, N2YA = N2 Young Adults.

<i>CDS</i>	<i>Gene</i>	<i>DAU_1</i>	<i>DAU_2</i>	<i>ODAU</i>	<i>N2YA</i>	<i>F15D1_1</i>	<i>F15D1_2</i>	<i>F15D6_1</i>	<i>F15D6_2</i>
C03C10.3	rnr-2	14	24	16	749	197	351	335	2047
C07H6.5	cgh-1	54	13	40	471	418	347	559	346
C16C10.11		22	172	95	267	629	378	385	93
C17F4.7		158	9	182	948	767	1256	528	131
C18G1.4		22	18	15	126	142	354	36	574
C24F3.1	tram-1	64	102	46	197	253	580	515	366
C52E4.2	mif-2	15	65	38	203	218	218	39	39
F09E5.15		396	483	387	2285	1008	1363	1964	2464
F19C7.1		60	334	57	770	889	1140	203	688
F35C5.6	clec-63	192	137	136	467	1025	749	535	200
F37D6.1	mus-101	19	10	17	24	32	27	43	38
F52E1.14		83	30	108	1192	892	389	193	277
F54G8.3	ina-1	18	14	16	27	28	30	14	39
F57F4.4		124	245	92	747	779	1063	14	85
F59B8.2		14	77	39	487	429	280	82	156
H06H21.8		19	12	15	34	35	34	2	10
K01G5.7	tbb-1	61	86	54	200	279	322	317	325
K02F3.11	rnp-5	11	10	19	46	34	23	85	26
M03F4.7	calu-1	23	207	36	340	490	544	111	166
M04F3.1	rpa-2	11	11	14	40	33	107	62	161
R05G6.7		74	167	188	518	636	498	247	251
R09A1.1	ergo-1	14	13	12	40	27	26	116	190
T04C12.6	act-1	33	232	84	388	1073	766	79	46
T09A5.15		15	11	11	35	20	23	3	37
T21H3.1		6	33	25	240	474	145	1424	69
T22D1.5		24	15	10	501	156	166	167	906
T22E5.5	mup-2	18	14	23	138	529	239	83	15
W02D3.5	lbp-6	109	137	96	1098	828	859	144	153
Y18D10A.17	car-1	98	37	87	402	375	429	505	518
Y22F5A.4	lys-1	27	66	28	404	546	189	338	63
Y38F2AR.9		42	13	23	149	211	193	175	67
Y39A3CL.3		15	35	33	241	228	172	199	251
Y39E4A.3		10	44	12	29	114	389	16	182
Y57G11C.15		306	286	279	579	991	1249	75	311
Y59A8A.3		12	34	45	236	291	167	492	236
ZC328.3		10	11	16	20	26	32	6	17
ZC328.4	san-1	12	11	14	48	22	32	44	58
ZC513.6	oma-2	12	23	10	429	149	263	154	2987
ZK6.10	dod-19	8	13	11	137	165	148	36	47

Note: all counts were normalized to 1M tags

Supplementary Table 5B

Genes consistently down-regulated in dauer larvae when compared to normal-lived *C. elegans*.

Abbreviations: DAU = dauer (ODAU = Old dauer, 14-day), F15 = *fer-15*, D_x = Day_x, N2YA = N2 Young Adults.