

Table S8: Expression levels of genes identified as downregulated in DGRP lines crossed to the FL3#2 tTA overexpressing line that had high lethality when compared to DGRP lines crossed to the FL3#2 tTA overexpressing line that had low lethality, and also when compared to the DGRP lines crossed to the FL3#2 tTA overexpressing line that had low lethality when separated into two groups: those with higher expression levels of tTA, and those with lower expression levels of tTA

GENE*	ALL low [†]	Low tTA [‡]	High tTA ^{**}	153H [‡]	195H	399H	911H	350L	492L	317L	646L
FBgn0011571	+	+	+	43.97±4.22	41.78±4.20	46.63±1.28	48.92±3.23	51.02±3.38	50.94±6.80	53.94±4.30	55.36±7.37
FBgn0011824	+	+	+	27.92±2.81	28.65±1.36	29.02±1.35	32.72±2.57	36.48±1.79	36.13±0.91	40.65±2.56	36.01±5.92
FBgn0013269	+	+	+	52.81±4.35	51.91±2.37	53.91±2.74	59.52±4.51	59.92±2.26	65.75±2.89	69.39±2.91	66.19±11.45
FBgn0015393	+	+	+	47.95±1.41	54.72±2.33	51.26±1.49	57.23±2.69	64.70±5.88	60.16±2.24	72.61±7.06	62.54±9.55
FBgn0029148	+	+	+	31.49±1.75	38.38±0.61	35.45±3.40	40.15±1.93	44.45±2.45	42.61±3.26	46.68±4.84	44.56±7.59
FBgn0029828	+	+	+	11.59±1.72	10.09±1.44	7.52±1.11	10.40±2.32	16.10±2.90	13.76±1.40	17.26±2.31	14.16±1.74
FBgn0030067	+	+	+	8.66±0.31	8.11±0.42	8.41±0.57	10.09±0.29	10.97±0.69	10.35±0.53	11.94±1.01	11.56±1.92
FBgn0030465	+	+	+	10.53±0.74	8.90±1.09	10.53±0.43	10.11±0.60	12.55±1.24	12.62±0.51	11.23±0.92	13.49±1.14
FBgn0032298	+	+	+	7.48±0.34	7.18±0.36	7.11±0.33	8.10±0.56	8.91±0.30	8.46±0.59	9.64±0.76	8.67±1.52
FBgn0033378	+	+	+	43.20±2.54	42.42±0.72	44.77±2.95	51.55±2.10	52.01±0.90	48.37±2.75	54.34±2.03	51.64±4.86
FBgn0034290	+	+	+	274.59±60.86	270.75±32.23	265.47±35.93	300.78±41.21	428.90±23.24	346.47±8.80	396.19±79.78	395.85±41.61
FBgn0034902	+	+	+	64.76±3.20	58.38±2.24	64.11±2.84	66.12±4.11	79.86±2.66	66.41±8.32	68.26±1.93	91.26±2.66
FBgn0036381	+	+	+	57.59±12.00	47.78±14.50	54.69±10.12	37.04±5.28	70.30±12.06	81.24±21.64	81.39±10.28	81.08±2.94
FBgn0036467	+	+	+	857.51±113.33	970.23±187.11	1084.90±93.57	853.09±74.74	1464.80±70.74	1153.71±169.27	1095.91±145.00	1744.18±78.29
FBgn0036667	+	+	+	109.08±5.35	113.34±2.25	123.71±15.21	130.85±3.14	153.38±4.55	153.59±4.75	151.76±4.90	142.44±16.08
FBgn0038523	+	+	+	210.71±127.17	237.84±130.13	335.63±142.63	102.36±23.97	659.54±244.74	1443.02±658.03	918.72±598.97	1369.16±612.31
FBgn0038808	+	+	+	58.85±1.25	55.00±8.91	60.61±5.31	66.97±2.25	82.30±2.01	79.54±3.65	84.57±3.59	74.37±4.81
FBgn0039155	+	+	+	7.53±1.13	9.98±2.28	12.01±1.03	11.57±0.15	16.11±0.29	12.73±2.48	20.71±3.77	12.39±1.36
FBgn0040565	+	+	+	148.40±52.25	364.23±164.44	195.00±55.73	185.00±47.26	637.43±193.10	452.01±148.24	356.15±186.19	1042.75±373.28
FBgn0040609	+	+	+	141.72±31.72	154.07±24.99	175.99±42.18	139.46±18.33	269.45±22.93	260.49±15.41	326.95±34.14	235.84±41.59
FBgn0066084	+	+	+	9156.21±1119.15	9012.95±402.97	8075.98±394.87	10060.39±91.60	11274.23±712.27	10668.21±930.07	11587.97±477.87	11849.67±204.70
FBgn0085753	+	+	+	149.59±25.17	119.88±12.95	98.39±14.58	152.15±27.12	435.49±47.17	505.81±81.50	405.29±21.58	496.57±205.13
FBgn0261791	+	+	+	65.67±2.38	60.65±3.56	68.02±7.02	67.99±5.62	78.32±4.30	73.20±2.76	78.72±2.35	78.00±7.30
FBgn0267511	+	+	+	411.90±73.14	320.04±37.06	265.09±32.01	426.42±79.44	1104.42±134.64	1286.95±217.71	1075.29±52.58	1275.00±558.21
FBgn0000566	+	+		53.26±4.58	66.37±9.53	49.89±3.51	61.78±6.31	71.36±5.30	84.75±7.68	81.37±4.94	58.09±3.62
FBgn0003086	+	+		73.54±5.95	125.43±25.66	111.56±19.20	116.63±16.50	171.73±12.42	166.87±13.77	99.14±2.67	191.61±11.75
FBgn0003278	+	+		3.33±0.23	3.09±0.10	3.05±0.38	3.21±0.22	3.73±0.24	3.51±0.32	3.72±0.41	3.43±0.39
FBgn0003378	+	+		1437.38±730.58	1768.62±843.30	1560.99±388.28	2479.60±398.73	2722.41±710.76	5462.30±2488.80	3687.84±1277.29	2958.82±463.33
FBgn0004132	+	+		37.50±2.07	33.73±3.67	37.45±4.33	42.01±1.00	46.52±1.13	46.40±2.73	47.58±0.21	38.60±2.01
FBgn0004396	+	+		22.50±3.08	20.26±2.16	22.08±3.46	16.74±0.69	25.57±2.91	28.19±2.65	23.40±2.04	25.63±2.13
FBgn0004592	+	+		231.51±12.82	431.10±281.75	424.24±142.16	281.37±59.22	546.37±93.96	1057.67±358.98	405.30±126.67	771.06±52.36
FBgn0004654	+	+		46.75±8.68	53.36±5.76	46.73±6.74	56.21±4.24	89.21±2.82	69.35±11.44	75.61±6.12	42.28±0.57
FBgn0010226	+	+		127.72±11.26	110.69±13.39	126.15±4.70	124.20±3.74	154.76±5.37	143.30±5.42	163.34±8.80	125.00±10.49
FBgn0012034	+	+		73.32±12.76	81.39±8.70	73.53±6.07	96.32±1.69	122.29±8.29	109.63±21.97	88.00±1.95	93.85±7.70
FBgn0013681	+	+		1072.27±64.86	1098.63±169.20	1062.97±32.51	1223.09±103.62	1289.79±98.02	1567.12±182.49	1343.88±69.05	1286.39±123.94
FBgn0013685	+	+		36.42±1.09	38.75±9.31	28.45±1.06	43.58±1.37	53.06±4.24	68.49±14.48	35.49±0.80	43.40±5.57
FBgn0013749	+	+		107.78±2.75	109.00±7.79	109.03±8.29	110.14±3.29	134.77±4.61	133.32±5.61	127.14±3.88	107.21±6.16

FBgn0015075	+	+		8.27±0.46	7.78±0.41	8.86±0.37	7.55±0.71	9.16±0.79	9.77±0.61	9.24±0.25	8.79±0.79
FBgn0015298	+	+		35.55±2.06	38.68±1.70	43.01±1.37	44.80±0.56	49.55±2.66	49.18±4.99	47.48±1.22	44.43±3.31
FBgn0015379	+	+		17.02±1.14	17.67±0.92	19.22±1.01	21.03±1.49	21.29±1.14	21.16±0.69	21.88±1.23	20.65±2.33
FBgn0020236	+	+		43.91±2.06	54.45±3.42	50.99±8.06	53.27±6.66	78.02±4.72	64.90±8.48	76.57±4.31	42.78±1.71
FBgn0021795	+	+		136.27±15.69	173.50±18.79	195.90±23.63	240.56±23.22	283.38±12.36	259.62±45.82	262.57±4.77	183.46±13.15
FBgn0022343	+	+		56.74±2.13	57.53±0.60	62.83±3.63	66.37±0.87	72.49±1.54	72.07±3.37	75.56±3.27	63.98±5.18
FBgn0023170	+	+		4012.08±454.83	3784.03±258.65	3342.73±117.81	4379.08±100.30	4946.33±237.66	4634.95±435.03	4660.43±112.06	4784.71±49.99
FBgn0024188	+	+		24.50±1.22	26.04±1.41	26.53±1.02	29.00±2.42	33.21±0.51	33.96±2.89	30.53±0.54	28.66±1.00
FBgn0024983	+	+		16.60±2.07	15.28±1.62	19.97±1.69	16.47±0.24	22.46±1.35	21.93±0.66	18.63±1.19	17.78±1.59
FBgn0025678	+	+		86.82±8.98	108.62±6.56	93.56±14.61	106.18±8.45	137.56±3.52	138.35±19.43	111.16±0.46	111.56±9.97
FBgn0025684	+	+		13.04±1.32	14.97±1.10	18.23±2.05	14.40±0.20	22.96±2.13	22.25±3.28	18.09±0.21	19.26±2.48
FBgn0026879	+	+		206.19±16.20	218.66±3.71	208.07±10.92	263.99±5.52	296.45±9.64	289.67±13.20	289.01±4.51	254.48±24.10
FBgn0027496	+	+		39.06±0.83	38.72±1.94	40.13±3.67	41.52±0.77	47.59±1.23	49.56±3.14	45.39±1.07	40.21±2.03
FBgn0028343	+	+		17.39±0.29	16.49±1.84	17.34±1.25	16.13±1.74	19.50±1.50	19.68±2.33	18.00±0.64	18.97±1.86
FBgn0028855	+	+		275.46±73.33	166.00±80.96	221.77±47.68	265.11±16.92	397.21±46.03	386.03±73.52	502.91±22.77	212.92±12.25
FBgn0029503	+	+		16.30±1.37	16.14±2.01	14.58±1.45	15.93±1.04	20.67±0.54	18.40±0.45	20.33±0.85	17.09±2.87
FBgn0029882	+	+		44.87±2.54	46.88±4.05	43.65±3.12	50.53±3.05	59.61±3.12	50.46±2.88	60.77±4.11	53.64±8.56
FBgn0029929	+	+		16.69±0.07	17.22±1.28	18.48±1.04	19.20±0.55	20.84±1.25	21.87±0.45	21.07±0.42	18.19±1.55
FBgn0030306	+	+		145.07±17.51	147.26±15.31	153.59±13.71	169.52±2.26	210.87±7.35	213.26±4.95	182.19±11.93	170.05±12.79
FBgn0030341	+	+		50.04±3.57	55.13±3.30	55.46±4.19	57.92±2.65	67.12±0.69	69.40±5.44	68.66±2.21	59.87±5.50
FBgn0030443	+	+		51.95±20.88	60.03±21.23	71.14±14.48	43.61±6.36	127.71±33.88	152.89±9.90	73.76±19.27	97.18±18.97
FBgn0030447	+	+		25.43±1.03	21.62±0.42	24.43±0.63	25.38±0.59	33.82±1.11	25.94±0.54	26.75±0.30	25.65±1.26
FBgn0030658	+	+		23.73±1.95	28.44±1.00	30.37±1.77	25.30±0.42	32.66±0.83	32.83±2.26	30.48±1.88	30.77±3.39
FBgn0030734	+	+		64.10±4.56	67.18±1.26	68.78±5.28	68.17±2.21	85.12±3.69	85.68±1.17	73.94±2.27	76.44±6.49
FBgn0031049	+	+		187.01±15.69	179.53±28.34	148.80±17.41	170.07±20.49	274.86±5.90	198.48±30.06	272.25±7.39	187.93±16.58
FBgn0031392	+	+		8.17±0.66	8.91±0.70	8.57±0.36	8.42±0.52	9.58±0.23	10.27±0.54	10.06±0.60	8.98±0.88
FBgn0031913	+	+		145.45±26.13	159.63±28.71	188.15±8.21	214.35±26.95	248.46±1.44	230.54±8.94	264.85±40.41	177.42±7.68
FBgn0032198	+	+		158.18±8.68	164.87±21.19	177.46±10.30	203.56±10.47	213.12±7.84	242.25±34.77	241.41±5.04	171.40±14.25
FBgn0032725	+	+		91.57±3.17	98.62±0.82	98.96±8.32	106.39±3.78	110.85±2.23	115.33±5.01	110.82±4.76	107.93±1.26
FBgn0032773	+	+		483.04±98.66	582.59±124.34	582.13±55.30	634.76±101.97	919.42±30.42	815.93±136.55	980.67±159.44	599.62±91.12
FBgn0032799	+	+		29.67±1.67	35.57±1.90	30.49±2.42	33.08±0.83	39.89±1.32	42.01±0.73	39.40±1.69	31.76±1.59
FBgn0032961	+	+		44.90±2.48	45.30±5.03	41.79±5.99	48.85±0.87	53.31±1.47	54.58±3.81	54.96±5.54	46.66±4.76
FBgn0034528	+	+		6.35±0.98	5.21±0.46	6.33±0.28	6.10±0.24	7.85±0.44	7.05±0.92	6.88±0.51	6.96±1.50
FBgn0034710	+	+		58.93±24.30	107.96±17.89	139.00±28.27	210.94±8.68	233.49±43.74	382.56±73.64	221.63±26.30	168.40±9.38
FBgn0035147	+	+		83.75±12.97	89.19±7.30	87.22±7.49	75.45±1.63	131.33±3.82	122.66±13.39	90.44±8.46	106.47±11.21
FBgn0035603	+	+		35.08±4.18	41.57±1.96	38.32±3.01	52.19±2.52	44.07±2.48	59.10±5.40	56.16±2.51	43.94±5.17
FBgn0035622	+	+		19.64±1.44	22.59±1.01	23.11±2.00	20.36±0.07	25.55±1.03	27.07±0.71	23.11±0.39	22.28±1.02
FBgn0035762	+	+		7.06±0.31	6.87±0.43	6.66±0.50	6.92±0.37	7.91±0.29	7.93±0.34	7.03±0.16	7.91±0.68
FBgn0035944	+	+		37.95±2.15	37.49±1.91	38.31±2.50	37.34±1.51	45.83±2.30	43.63±0.33	40.56±0.78	40.72±2.45
FBgn0036124	+	+		4.76±0.24	5.25±0.16	5.29±0.12	5.40±0.34	5.78±0.68	6.08±0.32	6.27±0.31	5.33±0.60
FBgn0036300	+	+		28.07±3.82	30.37±1.82	29.38±1.81	34.52±1.47	43.43±0.49	43.05±5.80	36.14±3.27	31.03±2.89
FBgn0036489	+	+		12.88±1.39	13.33±1.88	14.78±1.03	15.41±0.32	19.23±0.12	18.47±1.34	18.38±1.35	14.49±0.56
FBgn0036493	+	+		38.61±10.64	38.18±12.92	47.04±4.07	41.08±6.63	56.62±11.25	76.53±10.89	60.50±14.69	48.73±4.80
FBgn0036580	+	+		55.50±4.86	59.44±1.38	54.01±1.06	62.06±0.69	69.04±0.89	66.33±4.76	68.72±2.43	60.63±4.46
FBgn0036787	+	+		31.77±5.05	41.29±8.52	39.12±0.26	45.49±2.21	59.91±11.30	57.73±3.92	44.62±7.93	45.47±1.87

FBgn0036909	+	+		26.40±3.62	28.69±2.33	25.53±1.11	33.37±1.98	36.85±2.66	37.13±3.87	33.91±0.43	29.42±1.37
FBgn0037290	+	+		11.92±1.33	10.89±1.98	10.80±3.30	13.80±2.10	84.24±15.62	22.87±8.26	19.74±4.41	7.77±0.86
FBgn0038063	+	+		5.24±0.55	4.87±0.09	5.77±0.50	5.74±0.74	16.43±0.73	5.72±0.62	4.63±0.60	5.97±0.89
FBgn0038088	+	+		55.04±1.43	38.47±10.42	41.16±1.71	41.52±4.99	48.08±4.75	82.55±13.74	53.46±6.22	54.77±9.04
FBgn0038196	+	+		40.73±1.91	44.16±2.76	39.21±2.10	44.16±2.62	46.36±2.30	57.01±6.19	57.53±2.83	45.29±4.53
FBgn0038428	+	+		24.95±2.27	23.78±1.55	24.44±1.94	27.65±1.21	27.39±1.42	29.04±1.33	30.02±1.62	25.82±2.22
FBgn0038585	+	+		14.90±2.15	15.69±1.01	16.12±2.89	13.57±0.64	21.43±1.43	18.80±1.80	17.78±2.67	16.16±2.31
FBgn0038771	+	+		75.15±2.28	70.18±1.30	68.99±0.31	73.82±4.17	91.72±4.64	79.38±2.43	78.79±2.70	75.10±2.65
FBgn0039172	+	+		122.92±9.43	130.87±10.55	136.80±10.75	134.54±5.35	163.52±3.54	164.67±8.35	151.61±8.18	136.77±6.07
FBgn0039800	+	+		327.69±73.89	278.25±70.33	305.85±23.14	317.44±36.70	447.75±29.37	507.59±41.79	377.43±72.68	372.78±14.02
FBgn0040087	+	+		14.23±0.44	13.71±0.57	13.68±1.22	14.18±0.43	16.11±0.40	16.00±0.88	15.44±0.12	15.44±0.86
FBgn0040228	+	+		20.73±1.73	17.83±1.15	18.44±0.96	19.81±1.55	23.35±1.14	23.32±0.57	20.13±1.19	23.27±1.14
FBgn0040340	+	+		100.87±17.12	105.98±17.30	118.22±12.51	117.34±8.41	151.09±5.30	167.06±25.89	150.18±2.78	103.54±7.28
FBgn0040512	+	+		76.17±4.32	82.17±1.90	83.81±5.87	85.47±1.95	98.09±3.75	102.14±6.82	89.75±2.16	87.19±6.04
FBgn0040718	+	+		802.78±26.00	704.75±179.89	856.99±82.92	954.70±103.34	1121.94±126.69	1253.74±89.86	910.01±47.66	633.16±73.24
FBgn0050349	+	+		11.99±0.28	11.38±0.69	11.71±0.40	11.88±0.44	12.81±0.67	14.09±0.92	13.81±0.42	12.99±1.21
FBgn0052425	+	+		35.29±2.27	29.84±0.92	36.75±6.87	37.51±2.07	45.47±2.21	41.78±3.00	39.80±1.22	44.93±2.33
FBgn0085220	+	+		86.65±6.30	79.62±3.83	86.74±5.25	97.39±4.12	112.07±1.44	112.63±11.62	100.19±6.01	87.43±5.23
FBgn0085308	+	+		79.62±18.86	83.57±41.21	106.85±16.92	84.34±15.53	132.66±23.77	189.51±57.85	112.07±21.71	166.24±19.92
FBgn0243511	+	+		7.77±0.44	7.59±0.36	7.31±0.70	7.61±0.53	8.57±0.22	8.32±0.69	9.04±0.36	8.29±0.76
FBgn0259937	+	+		37.75±1.80	41.57±2.35	42.75±0.88	45.06±1.40	46.84±0.68	47.11±2.00	50.52±4.54	50.68±9.67
FBgn0261020	+	+		33.87±3.12	38.10±1.08	34.03±2.39	32.17±1.43	46.56±0.15	42.55±2.17	41.61±0.32	37.73±1.78
FBgn0261284	+	+		32.18±1.18	26.09±3.64	31.13±0.97	35.99±1.24	37.90±1.25	37.62±1.94	36.20±2.34	33.50±2.52
FBgn0262613	+	+		41.14±13.63	67.97±16.14	82.83±14.37	58.20±6.28	106.95±10.71	121.46±41.27	71.09±6.30	82.78±3.83
FBgn0262801	+	+		90.52±9.17	92.93±7.21	98.85±9.31	108.49±6.54	130.08±1.56	128.05±8.17	122.93±4.54	96.88±6.42
FBgn0263510	+	+		15.56±1.17	12.62±0.72	12.43±0.91	14.68±0.53	15.74±0.62	15.84±1.38	16.23±1.06	16.01±2.12
FBgn0264443	+	+		3.86±0.33	3.39±1.03	3.42±0.87	3.06±0.41	4.64±0.54	5.45±0.84	4.31±0.53	4.08±0.28
FBgn0267330	+	+		103.35±6.85	117.27±4.53	111.75±10.14	107.84±0.98	140.08±1.44	140.82±12.68	137.79±4.76	120.78±7.92
FBgn0001325	+		+	8.67±1.79	6.28±0.55	11.06±0.72	6.68±0.96	11.59±1.80	10.21±1.77	11.20±2.42	13.88±1.42
FBgn0003041	+		+	14.98±1.70	13.22±1.19	12.98±0.47	13.29±1.77	12.96±0.80	12.11±1.07	36.42±4.25	14.09±1.02
FBgn0005694	+		+	8.63±0.21	7.67±0.13	8.52±1.10	7.54±0.26	8.01±0.28	8.49±0.53	9.05±0.89	43.14±7.47
FBgn0010774	+		+	66.57±5.48	63.26±3.41	71.34±4.44	70.18±3.97	70.46±0.80	71.04±8.77	77.54±3.08	76.28±6.64
FBgn0015299	+		+	38.49±3.74	35.78±2.96	35.03±1.91	41.81±4.60	39.66±1.68	39.37±0.62	41.98±3.91	48.08±4.80
FBgn0023167	+		+	47.06±5.10	46.60±4.39	52.28±5.19	48.65±3.36	55.11±1.56	50.31±7.84	55.39±3.31	59.14±5.92
FBgn0024491	+		+	24.15±1.81	21.30±2.02	26.49±0.62	28.09±1.42	25.74±1.44	26.17±2.81	29.70±1.96	26.58±2.53
FBgn0028398	+		+	29.77±1.18	26.18±1.66	29.13±1.88	35.17±0.94	35.71±2.79	32.22±1.63	36.44±0.81	36.21±2.61
FBgn0029915	+		+	19.73±2.18	17.49±0.99	19.14±1.05	21.35±1.49	20.49±1.30	22.60±1.63	22.61±2.45	26.06±4.79
FBgn0031558	+		+	991.23±143.68	559.44±125.93	661.81±121.72	747.18±79.61	929.21±76.70	808.08±147.87	1136.00±266.54	1264.19±79.64
FBgn0031791	+		+	24.99±5.93	24.95±9.85	27.52±8.84	17.44±0.85	35.32±4.76	42.57±15.22	40.66±20.39	51.41±17.50
FBgn0032919	+		+	21.75±1.43	22.61±1.49	25.00±0.69	22.37±1.68	25.32±1.40	24.21±2.18	28.29±1.95	28.76±5.73
FBgn0033571	+		+	19.17±1.07	17.72±1.45	18.24±0.33	21.31±1.20	20.89±2.06	20.67±1.63	28.17±2.08	21.83±2.40
FBgn0034858	+		+	12.90±0.41	12.06±1.52	14.18±1.54	12.89±0.58	13.67±0.58	14.61±1.61	19.58±1.71	16.83±1.14
FBgn0035904	+		+	91.88±10.35	75.25±10.59	84.17±9.69	80.52±0.97	84.14±7.69	96.54±5.62	138.88±9.93	107.49±19.03
FBgn0036557	+		+	13.95±1.35	15.54±1.92	14.16±0.31	14.81±0.69	13.88±0.97	14.33±1.39	54.53±6.10	16.49±1.05
FBgn0036641	+		+	14.70±1.56	13.27±1.10	16.24±0.76	16.89±1.49	15.28±0.58	17.27±3.21	18.66±0.62	21.39±4.22

FBgn0036775	+		+	9.07±0.49	7.81±0.24	9.38±0.94	9.41±0.72	8.98±0.46	9.84±1.64	10.23±1.16	11.08±1.26
FBgn0037130	+		+	4.06±0.70	3.53±0.31	3.97±0.16	4.33±0.82	3.52±0.09	3.48±0.94	3.43±0.68	22.12±4.40
FBgn0038964	+		+	24.90±2.14	25.06±2.04	24.55±1.05	27.51±1.51	28.00±1.85	27.09±1.27	32.34±3.22	30.48±4.36
FBgn0039419	+		+	4.14±0.26	3.99±0.28	4.02±0.21	3.70±0.19	4.68±0.16	3.98±0.59	6.21±1.31	4.38±0.51
FBgn0063127	+		+	73.37±7.01	66.97±17.74	93.53±8.48	68.43±8.75	85.61±7.41	85.21±23.62	116.45±14.04	120.46±23.12
FBgn0259834	+		+	5.00±0.50	5.35±0.43	5.14±0.45	4.32±0.50	6.13±0.45	5.76±0.71	8.35±1.67	5.88±0.62
FBgn0259993	+		+	85.27±6.96	82.21±3.83	103.78±7.25	97.77±5.91	91.40±6.45	91.82±12.02	107.89±16.36	130.65±28.44
FBgn0261933	+		+	26.01±2.38	25.39±1.86	26.49±2.46	27.47±1.89	27.91±1.49	29.35±2.10	32.35±1.73	29.39±3.43
FBgn0263111	+		+	1.58±0.31	1.80±0.22	1.61±0.01	1.87±0.15	1.33±0.03	1.45±0.27	30.93±2.97	2.14±0.40
FBgn0263762	+		+	80.54±19.25	82.32±48.51	103.80±33.71	42.35±8.02	96.66±3.60	147.33±82.68	265.71±54.53	262.75±43.91
FBgn0000426	+			51.10±2.34	50.40±0.58	60.17±4.61	63.39±3.70	61.94±1.95	64.18±5.63	66.53±2.85	65.99±11.57
FBgn0001197	+			131.17±9.14	126.52±6.40	136.08±8.76	144.53±11.75	143.63±6.20	145.19±11.04	145.92±7.21	161.05±22.51
FBgn0003062	+			36.90±2.85	35.81±2.26	35.29±1.83	41.80±2.26	39.46±0.32	42.51±1.77	46.88±2.76	44.63±8.38
FBgn0003275	+			31.47±2.65	33.01±3.17	36.10±3.82	39.00±1.82	38.98±1.23	39.07±2.57	42.45±2.38	40.68±4.76
FBgn0003346	+			14.97±0.54	15.02±1.50	16.91±0.97	17.36±2.19	18.33±1.30	16.91±2.03	18.25±1.22	18.92±2.95
FBgn0003377	+			5578.54±2755.94	8455.59±3963.73	9079.67±2094.27	9628.10±1870.21	11689.27±2422.6	19594.90±8995.5	13080.46±4046.9	17804.10±2603.9
FBgn0010078	+			2799.84±274.44	2820.39±151.18	2598.79±54.02	3033.18±55.14	3252.58±169.53	3221.16±192.61	3301.34±54.99	3509.58±107.56
FBgn0016726	+			4158.73±372.32	3961.60±192.75	3912.42±122.73	4395.53±49.84	4692.95±208.17	4536.71±122.52	4947.80±65.78	5018.95±194.70
FBgn0022288	+			9.65±0.77	9.14±0.30	9.27±0.92	10.06±0.21	10.62±0.58	10.90±0.64	12.01±0.66	9.88±1.20
FBgn0022943	+			25.69±1.20	23.54±0.70	26.13±2.28	26.67±0.45	27.92±0.95	28.02±3.45	28.65±0.45	29.80±3.06
FBgn0029867	+			19.12±1.39	15.40±1.32	18.56±2.45	19.33±2.25	21.61±0.83	19.84±1.51	20.72±2.00	21.53±2.17
FBgn0030630	+			10.92±0.50	10.76±0.37	10.69±0.99	11.71±0.33	11.93±0.65	12.11±0.76	12.68±0.22	12.15±1.55
FBgn0031115	+			6.64±0.70	6.40±0.93	7.90±0.58	6.95±0.42	7.14±0.37	7.79±0.45	8.32±0.08	8.07±0.59
FBgn0033485	+			20.73±1.32	22.57±0.90	23.59±1.16	27.06±0.13	26.52±0.58	26.77±1.85	30.66±1.75	25.80±4.57
FBgn0033912	+			4737.17±331.17	4465.37±147.08	4245.25±57.59	4673.26±97.13	5000.62±248.65	5022.12±159.70	5111.66±108.22	5596.81±223.18
FBgn0034405	+			52.84±1.30	48.81±2.03	47.08±0.86	47.03±3.61	58.75±1.00	51.20±2.67	56.05±6.36	59.15±1.20
FBgn0037707	+			14.73±1.16	14.31±1.75	16.16±1.14	17.25±1.70	17.03±0.34	16.42±1.35	17.68±1.79	17.62±2.01
FBgn0037801	+			13.05±2.82	17.75±3.00	18.24±2.42	18.56±5.74	22.63±1.66	26.30±4.55	37.43±7.63	15.48±1.81
FBgn0039735	+			96.97±7.35	104.35±1.72	104.53±4.05	115.58±7.68	117.71±1.80	118.37±7.79	125.74±4.79	120.27±18.69
FBgn0050277	+			4.96±0.65	7.26±1.31	6.10±0.60	4.15±0.52	7.56±0.54	7.49±0.64	7.63±0.56	7.56±1.22
FBgn0052446	+			74.51±8.07	69.51±1.16	75.65±5.16	82.45±3.54	82.86±2.84	84.36±10.84	83.19±2.44	88.06±5.29
FBgn0085638	+			17.42±1.77	24.06±2.17	22.57±1.92	22.49±1.77	22.39±1.52	26.14±2.30	25.54±0.51	25.55±0.74
FBgn0086472	+			3078.82±262.35	2942.73±117.29	2884.38±51.64	3325.45±48.30	3341.49±205.87	3393.96±135.68	3535.83±52.11	3766.11±148.93
FBgn0260456	+			6.74±0.37	7.40±0.32	6.40±0.21	7.36±0.28	8.06±0.58	7.11±0.38	8.71±0.95	7.87±0.71
FBgn0000150		+		972.61±113.74	993.94±112.03	873.99±70.70	1183.57±78.66	1249.46±89.63	1323.95±182.06	1264.85±34.66	896.82±26.80
FBgn0001149		+		871.27±173.80	740.58±123.21	812.12±75.79	868.34±42.69	1148.30±16.22	1027.19±104.00	1129.70±70.14	771.82±39.58
FBgn0003462		+		318.86±14.29	352.37±20.66	333.81±2.50	374.03±3.56	400.91±9.54	399.47±15.27	352.36±14.55	374.47±8.59
FBgn0004057		+		10.12±0.51	10.56±0.69	11.20±1.50	11.41±1.18	12.18±1.02	13.64±1.50	13.64±1.95	10.04±0.96
FBgn0004432		+		600.31±10.46	590.62±36.94	619.16±24.93	632.31±9.59	701.99±8.84	675.88±13.00	692.49±20.91	619.97±18.70
FBgn0008635		+		39.13±1.38	41.79±2.41	42.46±2.55	42.75±0.36	49.99±1.39	48.19±2.19	46.64±0.76	39.23±1.54
FBgn0010548		+		69.37±6.44	58.83±4.21	65.89±4.74	70.98±2.32	86.64±1.16	74.33±3.06	77.45±1.27	66.59±3.34
FBgn0010638		+		246.74±43.30	257.38±45.48	240.13±34.65	306.32±32.62	372.19±6.19	365.48±75.26	359.95±5.69	234.43±15.29
FBgn0010747		+		43.22±1.72	40.15±3.66	43.97±2.28	46.91±0.75	49.12±1.80	50.66±1.10	52.32±0.17	43.68±1.71
FBgn0013954		+		427.03±38.16	427.93±23.65	431.36±21.47	512.49±29.67	558.99±5.43	558.40±51.70	555.09±29.70	426.73±14.80
FBgn0014032		+		16.83±1.81	12.37±1.84	16.44±1.14	15.90±1.44	17.25±0.54	20.59±0.32	17.43±1.60	15.16±1.42

FBgn0014368		+		54.04±14.87	2.11±0.13	3.60±1.78	47.55±3.13	81.38±25.83	215.80±55.15	5.60±1.58	54.35±17.72
FBgn0014868		+		68.59±4.97	73.70±3.37	75.51±6.72	80.16±3.93	86.75±3.14	87.86±6.15	86.22±2.81	70.79±2.61
FBgn0015797		+		45.00±1.38	48.25±3.88	50.41±3.54	45.89±0.48	50.54±1.34	54.19±1.70	51.33±2.20	45.25±3.70
FBgn0023477		+		210.97±47.44	198.11±26.92	217.15±15.36	260.39±22.29	349.56±12.69	284.37±44.58	268.66±20.65	199.68±12.74
FBgn0023542		+		11.91±0.34	11.79±0.15	12.63±1.19	11.54±0.37	18.55±0.56	12.58±1.29	12.57±0.83	12.11±0.74
FBgn0024509		+		66.07±2.84	64.87±4.03	65.17±3.95	75.26±3.39	78.51±2.42	82.73±5.20	73.39±1.20	65.28±5.68
FBgn0024994		+		15.81±1.66	16.38±1.13	17.66±1.98	15.05±0.34	20.95±1.81	19.46±1.12	15.60±0.50	15.72±0.80
FBgn0025615		+		30.18±1.32	29.34±0.32	32.68±1.37	32.58±2.49	34.31±0.96	34.43±1.74	32.22±1.60	31.33±1.28
FBgn0025620		+		119.80±42.33	131.74±41.23	144.68±1.84	202.28±34.81	297.81±24.55	179.24±50.19	192.12±26.13	201.02±29.76
FBgn0025637		+		206.27±7.88	192.07±4.23	205.11±7.33	204.62±12.32	200.71±2.71	235.46±11.93	203.27±6.36	228.73±10.62
FBgn0025700		+		156.24±27.09	165.18±22.80	164.94±21.93	179.10±20.26	230.66±9.99	222.39±40.13	237.12±5.12	138.90±3.39
FBgn0025724		+		45.26±0.62	45.38±3.06	47.11±3.68	46.91±1.06	56.73±0.94	54.46±2.52	49.20±0.42	45.16±3.03
FBgn0025725		+		31.47±1.02	34.40±2.05	33.53±2.28	34.12±0.68	39.17±0.36	37.70±1.18	35.23±0.80	33.71±2.25
FBgn0026089		+		38.15±3.02	42.69±3.55	38.57±2.45	42.69±3.76	50.02±0.78	46.51±5.08	45.42±1.92	38.69±0.94
FBgn0026576		+		14.72±1.22	12.18±1.54	11.74±1.26	16.44±2.40	19.36±1.89	14.93±0.76	14.09±0.44	14.70±1.41
FBgn0028327		+		122.62±12.44	136.99±15.69	140.40±22.37	146.61±13.22	180.31±6.15	185.27±32.34	193.47±7.16	119.20±2.20
FBgn0028375		+		7.63±0.17	8.04±0.19	8.36±0.69	7.47±0.45	10.39±0.54	7.69±0.45	7.22±0.61	6.78±0.48
FBgn0028546		+		66.58±3.65	65.15±3.09	73.52±0.59	74.65±4.59	78.89±0.63	85.00±3.41	64.83±4.42	64.19±1.26
FBgn0028563		+		44.25±3.31	29.79±2.46	34.06±3.23	43.04±7.07	61.78±5.38	41.34±3.91	42.42±5.24	42.70±4.59
FBgn0028969		+		45.51±2.90	49.57±2.74	47.47±3.30	46.86±0.86	56.66±0.51	55.31±4.03	51.88±1.04	44.50±2.37
FBgn0029709		+		79.96±7.82	79.23±7.96	84.97±7.56	81.50±1.79	94.47±1.36	101.17±10.41	90.66±2.02	79.54±5.19
FBgn0030239		+		29.88±3.84	33.39±3.94	29.69±0.98	39.51±5.08	50.78±1.64	40.90±5.53	48.85±5.10	29.09±0.88
FBgn0030305		+		33.49±2.47	31.88±3.35	33.43±3.21	38.01±0.18	40.94±1.71	42.97±2.16	40.02±1.39	32.42±3.00
FBgn0030321		+		21.63±1.11	22.70±1.01	23.96±0.72	23.95±0.17	25.93±1.26	26.25±1.39	27.08±0.20	22.84±1.43
FBgn0030519		+		409.26±58.86	407.12±56.65	391.37±31.83	389.64±12.29	551.84±29.27	450.54±9.39	464.94±35.08	456.04±13.51
FBgn0030593		+		33.55±9.33	34.06±7.28	29.06±4.50	27.31±0.99	47.85±5.12	50.64±14.53	39.31±5.41	17.21±4.41
FBgn0030607		+		6.76±1.45	8.16±2.46	7.55±0.43	8.55±1.32	11.20±1.05	11.97±0.92	8.04±1.13	8.53±0.84
FBgn0030802		+		55.13±2.02	52.76±0.41	55.97±3.66	64.78±2.07	63.54±1.47	61.50±1.01	63.18±2.70	53.27±3.86
FBgn0030930		+		20.20±2.57	21.82±4.81	29.09±3.13	22.95±2.06	31.61±3.46	29.36±1.86	22.35±0.53	29.12±5.12
FBgn0031145		+		95.36±9.53	99.28±3.03	102.03±7.96	116.90±2.33	133.56±5.81	118.64±12.74	116.95±2.01	108.39±5.65
FBgn0031217		+		10.83±0.44	13.37±0.84	12.92±0.55	14.01±0.40	15.24±0.74	15.70±0.91	15.15±1.12	12.52±1.30
FBgn0031260		+		69.16±7.52	76.57±7.21	82.45±8.27	80.56±5.63	99.12±2.77	94.83±13.88	93.66±1.35	73.13±6.02
FBgn0031497		+		45.53±2.74	47.78±2.13	49.26±2.70	50.72±0.38	56.87±1.48	57.41±3.98	56.02±0.83	45.11±1.82
FBgn0031530		+		9.61±1.15	9.38±1.30	11.13±0.95	10.22±0.33	13.19±1.90	12.39±1.58	10.69±0.92	8.07±0.45
FBgn0031600		+		21.71±1.24	23.88±0.86	23.36±1.13	23.76±0.27	28.50±0.54	24.06±1.04	23.17±1.98	23.36±0.36
FBgn0031662		+		32.91±1.96	37.37±5.39	31.68±0.65	34.82±0.94	59.60±6.04	34.86±5.26	39.27±3.42	31.91±2.20
FBgn0031703		+		14.47±2.35	13.07±4.12	12.14±1.52	14.17±1.60	22.43±2.18	21.21±6.28	14.74±2.95	9.03±1.68
FBgn0031821		+		18.39±4.34	17.09±5.55	18.66±0.37	18.78±1.27	29.26±2.78	28.30±3.81	18.97±3.59	13.86±1.61
FBgn0031824		+		24.81±3.14	20.83±1.74	21.99±1.08	21.14±1.42	31.25±2.91	35.03±6.34	31.59±2.90	16.84±1.20
FBgn0032015		+		65.95±3.99	73.76±4.13	70.41±7.52	77.69±4.27	87.86±3.14	92.53±9.81	82.71±0.74	66.33±2.93
FBgn0032161		+		12.41±1.16	15.90±0.59	11.25±0.07	17.44±1.03	18.89±0.19	18.70±1.73	16.27±2.44	15.65±0.78
FBgn0032453		+		108.98±5.79	91.94±5.13	113.49±4.50	126.54±2.87	134.39±6.44	129.88±6.81	117.89±6.40	108.29±3.36
FBgn0032643		+		32.82±1.25	39.16±0.57	38.31±4.71	39.74±1.58	45.84±2.18	44.97±3.55	43.10±1.29	35.62±2.08
FBgn0032913		+		107.42±31.46	143.20±37.50	106.20±13.33	113.97±15.94	188.64±8.13	166.48±11.40	91.58±13.80	109.88±16.88
FBgn0033100		+		28.27±1.76	34.86±3.23	27.85±1.33	37.80±3.46	42.83±4.74	38.62±5.86	39.06±0.35	31.96±1.34

FBgn0033339		+		23.58±1.23	23.88±1.22	24.74±1.39	24.90±0.74	29.17±1.22	27.59±1.41	25.69±1.40	22.67±1.28
FBgn0033351		+		25.00±1.68	23.51±2.51	21.20±1.44	26.76±0.75	29.91±0.49	30.05±2.99	30.26±1.11	24.83±3.48
FBgn0033468		+		11.26±0.83	12.25±1.27	10.44±1.08	13.39±0.48	14.21±0.79	14.29±1.51	13.70±0.81	12.31±0.81
FBgn0033518		+		33.03±8.24	22.44±5.52	22.05±3.06	23.87±3.07	29.50±7.02	51.21±14.30	29.10±3.62	27.05±3.73
FBgn0033624		+		273.33±10.65	246.88±14.96	244.85±11.23	267.91±13.43	293.17±13.58	289.84±28.25	250.75±3.63	283.02±5.16
FBgn0033663		+		251.25±25.82	283.84±17.12	279.05±32.20	292.13±11.21	343.08±1.33	342.25±34.90	353.02±5.75	253.14±11.38
FBgn0033683		+		56.27±7.98	54.76±3.88	55.68±1.64	58.02±1.21	66.83±1.71	68.11±1.89	56.16±4.43	65.98±5.27
FBgn0033906		+		207.23±16.50	207.06±13.85	219.26±6.83	222.84±9.14	268.53±2.79	247.65±17.07	218.84±15.09	216.80±9.19
FBgn0034058		+		18.40±0.86	18.91±1.06	15.68±0.91	17.41±0.51	20.84±1.59	21.28±1.72	17.59±1.40	16.95±0.61
FBgn0034059		+		13.45±1.08	15.77±0.80	14.12±0.39	14.65±0.34	17.05±1.05	18.23±2.99	17.83±0.77	14.50±1.12
FBgn0034158		+		9.69±1.32	10.07±1.10	9.25±0.05	8.38±0.74	7.71±0.33	21.01±2.58	9.47±1.28	9.35±1.00
FBgn0035089		+		208.79±23.90	151.03±51.97	187.37±33.93	207.00±9.96	246.69±16.75	284.19±24.89	262.58±54.86	179.01±10.30
FBgn0035121		+		81.58±3.67	87.43±5.69	90.53±8.45	90.99±3.87	109.51±3.27	108.30±11.07	110.01±7.14	79.53±4.71
FBgn0035247		+		10.68±0.69	11.37±0.33	12.14±0.98	12.25±1.06	12.74±0.89	13.48±0.90	12.08±0.67	10.55±0.83
FBgn0035372		+		15.25±0.20	14.34±1.28	17.98±0.74	16.71±1.01	18.19±1.32	17.83±1.19	15.85±0.57	16.44±0.23
FBgn0035375		+		23.49±2.25	27.44±1.94	27.53±2.12	22.40±0.34	31.49±2.43	29.70±2.54	25.20±0.57	25.86±2.18
FBgn0035427		+		68.37±16.07	59.79±28.06	79.20±15.23	71.18±2.50	93.06±17.34	127.56±11.66	100.60±19.46	75.30±1.10
FBgn0035630		+		120.64±4.19	135.37±4.77	127.17±6.63	127.28±3.18	140.12±3.53	154.33±11.68	150.20±7.14	126.86±12.13
FBgn0036262		+		110.15±29.71	97.03±26.59	102.56±17.59	127.79±6.73	215.51±54.12	170.05±2.11	133.32±48.93	127.29±8.40
FBgn0036271		+		40.12±1.81	26.80±5.56	25.54±2.47	25.58±1.89	37.44±1.32	43.26±4.82	28.71±2.94	20.96±2.72
FBgn0036290		+		33.41±0.58	39.85±0.99	53.97±1.36	45.54±2.70	46.18±1.27	56.62±2.03	47.79±1.61	34.64±1.46
FBgn0036394		+		104.87±18.44	101.48±12.87	101.30±15.39	47.22±10.09	239.25±13.93	71.63±6.11	74.32±8.91	163.57±20.08
FBgn0036589		+		47.51±9.65	56.66±6.10	51.57±11.70	52.26±9.96	71.43±30.96	133.17±46.37	104.61±36.02	25.75±5.05
FBgn0036662		+		7.46±0.72	9.80±1.11	8.56±1.16	8.87±0.84	10.87±0.42	10.65±1.26	9.51±0.26	8.49±0.09
FBgn0036688		+		4.75±0.43	3.73±0.37	4.71±0.35	4.88±0.42	4.73±0.56	6.99±0.10	5.95±0.48	4.29±0.23
FBgn0036695		+		8.16±0.56	8.25±0.43	10.01±0.89	8.53±0.13	10.37±0.85	10.18±0.62	9.47±0.48	9.29±0.60
FBgn0036919		+		37.53±3.34	39.28±4.11	40.96±3.92	40.72±1.96	47.96±0.94	49.02±3.08	46.79±0.53	37.86±1.32
FBgn0036967		+		28.17±1.59	29.31±0.41	28.63±0.30	29.98±1.19	36.01±1.69	29.45±0.34	30.02±0.33	29.89±2.00
FBgn0037652		+		24.54±1.50	26.64±0.27	26.25±1.87	29.06±0.73	29.42±1.29	31.86±1.46	31.24±1.75	25.19±1.63
FBgn0037672		+		21.94±4.41	27.05±8.68	30.32±5.44	24.28±2.85	38.01±3.99	36.61±5.92	26.64±4.63	31.00±1.90
FBgn0037842		+		27.71±2.67	29.00±3.90	29.21±0.72	31.02±2.67	45.54±1.55	33.95±4.36	34.55±2.80	25.35±0.23
FBgn0037900		+		10.29±0.71	8.31±0.18	9.28±0.81	8.45±0.35	10.57±0.74	10.89±1.06	9.43±0.52	9.25±0.66
FBgn0038009		+		661.50±134.86	438.20±147.69	409.72±70.40	549.11±54.71	650.25±90.18	1046.58±30.60	627.87±110.09	559.66±76.44
FBgn0038160		+		40.63±4.99	44.69±7.71	52.89±3.60	51.71±5.53	67.13±5.60	71.84±10.78	36.04±8.27	59.06±11.04
FBgn0038312		+		11.78±2.02	12.97±3.46	16.34±3.35	14.58±1.15	17.81±1.98	21.52±5.87	16.22±2.24	14.69±1.00
FBgn0038868		+		30.01±2.06	29.79±1.61	29.97±0.69	32.79±0.52	33.85±1.96	38.35±2.89	34.91±0.23	30.27±0.56
FBgn0038950		+		25.59±1.48	25.51±1.21	29.12±2.36	28.84±0.59	31.51±0.82	35.28±0.72	30.38±0.57	26.38±1.66
FBgn0039068		+		15.46±0.51	13.38±0.28	12.95±1.37	14.91±0.16	15.76±0.38	17.93±0.25	14.89±0.85	15.16±1.15
FBgn0039175		+		16.84±0.56	18.31±1.20	17.53±1.35	20.53±0.73	20.96±0.76	22.21±1.83	21.33±0.65	17.25±0.85
FBgn0039249		+		10.57±0.22	9.80±0.63	11.76±0.42	10.62±0.31	11.59±0.18	12.51±0.82	9.68±0.41	12.24±0.87
FBgn0039303		+		44.88±1.32	51.57±0.63	50.45±5.42	46.75±1.02	56.92±1.75	59.05±5.89	53.59±2.78	45.86±1.67
FBgn0039562		+		131.86±13.20	161.89±5.63	127.53±22.99	145.86±17.05	197.21±17.46	182.86±36.76	206.42±22.09	134.57±7.21
FBgn0039566		+		7.96±0.54	7.42±0.22	8.31±0.21	8.70±0.73	9.31±0.37	8.59±1.10	8.25±0.51	8.42±0.68
FBgn0039776		+		15.75±2.51	14.71±2.09	19.57±2.28	18.17±2.51	20.60±1.70	25.37±3.67	23.01±0.64	16.12±0.87
FBgn0040717		+		467.30±74.79	415.71±62.71	436.07±61.19	591.20±82.13	732.46±135.51	725.61±197.57	492.16±13.72	259.40±73.95

FBgn0042094		+		38.17±3.52	48.63±3.11	38.99±2.85	44.87±3.15	61.33±2.98	53.02±6.63	48.40±4.09	44.21±2.29
FBgn0045866		+		165.82±13.80	152.51±13.36	168.20±8.46	169.85±5.90	189.19±5.96	196.86±11.12	181.14±7.84	161.48±9.84
FBgn0046875		+		57.69±19.86	54.60±19.79	70.72±3.82	77.52±11.94	118.38±2.79	125.79±42.22	117.97±19.13	43.67±8.10
FBgn0047135		+		451.95±68.90	472.88±98.06	502.12±32.21	517.93±48.86	603.98±34.26	649.93±49.67	614.23±27.83	470.13±16.43
FBgn0050029		+		601.22±106.88	374.96±160.16	170.73±58.91	309.82±19.33	1547.77±324.18	409.08±19.64	85.37±33.60	316.10±56.52
FBgn0050291		+		17.04±1.65	17.20±0.98	19.81±1.18	18.82±0.73	20.72±0.54	24.30±1.68	20.01±0.54	18.17±0.29
FBgn0052369		+		11.15±0.67	10.88±0.89	11.15±0.45	10.19±1.37	19.25±1.88	10.83±0.75	11.11±0.81	11.31±0.59
FBgn0062928		+		31.44±0.37	21.30±1.48	20.13±1.51	25.59±2.87	30.68±2.17	31.31±3.61	20.81±0.94	31.11±3.01
FBgn0085307		+		64.24±36.44	81.06±22.64	152.52±23.38	149.48±49.98	181.55±35.48	406.27±58.93	96.90±7.92	91.37±28.13
FBgn0085377		+		8.36±0.98	7.04±1.14	8.41±0.61	8.18±0.84	11.65±0.69	8.25±0.16	9.58±0.78	9.17±0.95
FBgn0086757		+		8.06±0.51	8.39±0.85	8.87±0.69	7.63±0.49	10.43±1.10	9.53±0.34	7.64±0.10	8.90±0.53
FBgn0259143		+		33.84±1.66	30.48±1.46	31.41±0.44	30.56±1.58	42.18±1.45	30.89±0.24	27.08±1.57	29.65±1.86
FBgn0259482		+		18.53±0.77	16.18±1.07	17.74±0.40	18.88±2.49	19.17±1.58	20.96±1.44	16.99±0.33	19.70±1.01
FBgn0260484		+		29.56±2.98	29.32±3.54	33.36±2.82	38.10±2.32	33.10±1.29	38.20±5.34	40.22±3.87	30.86±1.86
FBgn0261270		+		34.73±1.41	35.50±1.44	34.53±2.92	38.00±3.21	41.65±2.31	37.45±2.75	39.72±2.05	38.03±3.78
FBgn0261279		+		25.49±1.68	25.00±2.25	30.12±2.51	26.09±1.18	28.57±1.64	30.66±2.17	27.17±1.83	25.41±0.58
FBgn0262125		+		54.03±1.32	54.95±4.87	56.48±5.16	58.17±1.42	62.86±1.20	66.15±4.46	62.72±0.88	50.42±1.65
FBgn0262126		+		26.80±1.21	26.48±2.22	27.16±2.71	25.69±0.19	32.17±1.20	30.89±2.15	30.43±1.34	24.09±1.15
FBgn0262146		+		179.89±33.23	95.73±12.45	96.39±11.31	86.07±17.04	175.75±49.12	159.82±19.57	173.83±29.56	125.04±5.01
FBgn0262954		+		70.31±3.68	66.78±8.04	73.82±9.05	74.13±3.32	73.66±6.27	87.68±4.80	73.86±4.75	83.48±4.54
FBgn0263256		+		7.81±1.86	6.72±1.52	7.07±0.54	7.69±0.86	19.84±1.45	6.03±0.48	6.30±0.67	5.03±0.40
FBgn0263852		+		117.77±7.16	124.86±7.29	133.85±14.30	131.70±1.08	148.68±9.63	153.70±12.70	156.38±1.41	124.95±13.35
FBgn0263977		+		139.54±7.86	134.55±6.07	143.80±7.21	149.27±4.29	155.78±2.85	153.11±3.53	152.53±4.79	148.41±7.39
FBgn0264978		+		16.26±0.54	15.68±0.67	16.30±1.61	16.78±0.52	17.52±0.49	19.47±0.46	18.47±0.39	15.94±0.25
FBgn0266261		+		391.21±110.69	299.22±101.21	379.80±41.78	353.43±82.76	484.39±76.28	598.30±78.37	253.90±42.76	320.83±71.16
FBgn0267365		+		17.85±1.13	17.47±1.71	18.90±1.39	19.02±0.86	20.85±0.56	20.37±1.15	18.25±0.14	20.04±0.32
FBgn0267378		+		46.01±2.59	46.38±2.86	50.86±4.51	42.77±3.35	50.80±1.93	54.45±4.35	46.57±3.29	46.02±2.88
FBgn0267976		+		77.96±4.65	79.58±4.04	81.85±2.70	86.87±3.21	92.38±4.67	91.99±3.62	96.48±4.97	75.24±3.23
FBgn0283427		+		48.37±17.27	76.46±10.34	44.50±7.89	64.75±3.20	104.79±1.67	89.49±27.57	84.04±5.75	56.69±8.94
FBgn0000017			+	7.24±0.91	7.47±1.40	8.63±0.41	7.99±0.56	6.99±0.41	7.19±1.41	10.04±0.84	8.57±0.95
FBgn0002543			+	5.08±0.43	5.27±1.15	5.58±0.43	5.64±0.53	4.99±0.57	5.31±1.14	6.92±1.23	6.35±0.56
FBgn0003390			+	7.64±0.77	6.57±0.96	7.78±0.91	8.52±0.59	7.34±0.07	7.19±1.95	9.53±0.80	10.59±0.83
FBgn0003892			+	4.59±0.13	4.17±1.05	5.00±0.67	4.88±0.77	4.80±0.42	4.42±0.83	6.27±0.74	5.82±0.85
FBgn0004108			+	12.20±1.58	10.96±2.31	13.21±0.90	12.78±1.49	11.60±0.33	10.50±2.70	16.37±2.74	17.39±2.89
FBgn0004839			+	5.54±0.75	4.94±1.03	6.34±0.75	5.45±0.83	5.12±0.09	5.16±1.21	7.16±0.96	7.47±1.40
FBgn0010379			+	25.39±3.17	24.78±3.97	26.51±1.67	23.48±1.37	20.17±0.42	22.62±3.59	24.91±3.32	59.68±5.68
FBgn0010422			+	19.57±0.78	18.68±0.68	19.42±1.37	21.41±1.99	18.87±0.38	20.66±2.67	21.30±1.58	24.13±1.67
FBgn0016675			+	42.84±8.84	52.93±6.00	76.04±12.15	40.25±10.37	76.79±3.18	53.85±13.07	61.98±8.85	113.85±14.74
FBgn0022710			+	4.13±0.38	4.10±0.51	4.24±0.34	4.31±0.35	3.99±0.05	3.56±0.60	8.89±0.75	4.13±0.22
FBgn0029990			+	839.21±118.61	861.32±126.39	1038.63±113.20	814.38±14.78	812.41±31.45	803.77±182.74	1318.11±122.23	1220.43±140.98
FBgn0030097			+	52.84±25.14	35.88±14.16	27.29±10.37	16.10±2.82	14.46±3.01	28.14±13.62	104.48±47.50	81.58±15.98
FBgn0030545			+	24.58±1.60	23.87±2.09	26.04±1.81	25.84±1.86	25.19±1.07	27.22±2.94	28.38±0.74	30.07±2.09
FBgn0031381			+	113.08±16.99	102.40±20.45	105.42±7.10	132.46±5.80	110.91±10.24	116.35±21.46	146.17±12.66	154.18±9.34
FBgn0031535			+	22.95±1.69	30.62±10.21	27.92±7.81	28.58±4.55	28.75±6.11	26.83±0.59	55.90±17.27	36.15±8.43
FBgn0032474			+	35.74±6.04	20.26±4.32	22.07±2.74	22.01±3.16	18.64±1.87	26.12±8.98	38.48±6.84	39.01±3.59

FBgn0032476			+	6.86±0.60	6.95±0.48	7.19±0.33	7.38±0.70	5.20±0.48	6.22±1.16	12.02±0.92	6.52±0.46
FBgn0032881			+	19.42±0.90	19.35±1.94	18.70±0.53	19.97±1.04	19.99±0.44	18.33±1.36	29.91±1.47	20.98±0.91
FBgn0032946			+	18.82±2.80	23.97±5.59	18.10±1.06	19.73±1.26	19.17±1.28	14.82±0.66	22.15±1.80	64.67±7.94
FBgn0033065			+	13.71±2.00	12.86±4.87	7.63±1.79	6.27±0.40	10.34±1.28	7.57±0.65	29.59±9.66	21.20±4.76
FBgn0033379			+	8.08±0.50	7.70±0.57	8.62±0.38	8.07±0.40	8.24±0.05	8.53±0.89	9.74±0.87	9.35±1.42
FBgn0034070			+	2.41±0.39	2.49±0.33	2.95±0.39	2.73±0.32	2.19±0.08	2.21±0.58	4.88±0.71	3.46±0.61
FBgn0034534			+	59.76±5.73	52.66±4.14	57.64±4.46	64.00±3.55	57.91±5.10	60.24±3.37	77.86±8.82	65.57±5.89
FBgn0034741			+	38.97±9.25	37.04±6.90	47.22±2.83	35.36±9.70	38.21±7.15	32.68±12.33	54.26±8.77	68.40±6.72
FBgn0035806			+	23.16±2.98	29.02±1.01	20.05±1.88	21.02±0.85	21.83±1.47	24.38±3.11	36.23±4.97	25.25±3.38
FBgn0035829			+	30.52±1.58	28.09±3.06	30.85±1.85	30.54±2.82	34.49±1.09	27.47±2.32	37.54±0.79	37.21±8.28
FBgn0036393			+	48.77±16.50	38.77±8.27	25.35±3.39	53.58±22.92	31.06±2.67	82.84±32.75	59.22±5.45	104.84±10.31
FBgn0036516			+	45.07±4.61	45.21±9.34	49.19±6.91	45.71±3.87	39.10±1.39	48.85±9.03	73.12±4.70	45.41±4.93
FBgn0037472			+	17.62±0.85	16.92±3.27	19.01±1.55	19.42±2.05	17.81±0.86	21.16±3.15	23.30±2.66	20.99±2.42
FBgn0039682			+	281.08±33.60	421.11±78.44	356.93±24.33	456.72±39.97	412.93±11.74	406.04±14.20	604.90±81.19	497.29±42.34
FBgn0039798			+	11.28±1.85	10.16±4.37	9.82±2.02	15.25±1.98	11.88±2.49	7.14±0.53	13.27±4.67	38.93±3.21
FBgn0041097			+	2.53±0.40	2.41±0.21	2.71±0.20	2.88±0.44	2.69±0.25	2.28±0.55	3.22±0.51	3.63±0.56
FBgn0051778			+	77.70±21.79	69.75±17.75	82.72±1.51	66.60±3.70	77.03±9.40	82.08±28.61	97.36±20.49	119.46±9.96
FBgn0259244			+	7.12±1.06	6.31±0.77	7.29±0.65	7.04±0.90	6.93±0.32	6.50±1.39	8.27±1.08	9.54±1.58
FBgn0261649			+	3.75±0.54	3.38±0.67	3.75±0.39	3.95±0.49	3.79±0.09	3.69±0.87	4.94±0.82	4.77±0.86
FBgn0262738			+	7.13±0.95	5.58±0.46	6.18±0.26	6.78±0.74	6.99±0.84	6.40±1.50	7.98±0.54	8.54±1.22
FBgn0263219			+	1.69±0.47	1.53±0.24	1.89±0.16	1.97±0.36	1.41±0.13	1.57±0.49	2.50±0.52	2.61±0.59
FBgn0264305			+	5.05±0.98	4.27±0.48	4.14±0.37	3.86±0.41	3.73±0.13	4.18±0.70	8.42±1.75	4.78±0.23

*Annotation for genes taken from the *Drosophila melanogaster* genome strain Oregon R, version: dmel_r6.15_FB2017_02. Gene rows marked with a “+” indicate that the gene had significantly lower expression in the four high lethality lines at the P<0.01 level of significance, when compared to the indicated lower lethality group.

† All Low represents the comparison of the FL3#2 crosses for the four high lethality lines (153H, 195H, 399H, and 911H) to all four low lethality lines (350L, 492L, 317L, and 646L). Gene rows marked with a “+” indicate that the gene had significantly lower expression in the four high lethality lines at the P<0.01 level of significance.

‡ Low tTA represents the comparison of the FL3#2 crosses for the four high lethality lines (153H, 195H, 399H, and 911H) to the two low lethality lines that had lower expression levels of tTA (350L and 492L).

** High tTA represents the comparison of the FL3#2 crosses for the four high lethality lines (153H, 195H, 399H, and 911H) to the two low lethality lines that had higher expression levels of tTA (317L and 646L).

†† Indicates the DGRP line to which the FL3#2 was crossed. DGRP lines followed by “H” had high levels of lethality, DGRP lines followed by “L” had low levels of lethality. Values within columns indicate the average RPKM value ± standard error of the mean.