Appendix PDF

Table of Contents

A

B

C

13,951 protein-coding genes

L(3)mbt ChIP-seq

L(3)mbt in TSS region : 7,460 genes (53.5 %)

+/- L(3)mbt RNA-seq

upregulated : 1,202 genes (16.1 %)
[*vasa, qin, tej, boot, CG9925*]

downregulated : 1,044 genes (14.0 %)

unchanged : 5,214 genes (69.9 %)
[*piwi, yb, armi, zuc*]

L(3)mbt in TSS +/- 1kb : 714 genes (5.1 %)

+/- L(3)mbt RNA-seq

upregulated : 129 genes (18.1 %)
[*aub*]

downregulated : 20 genes (2.8 %)

unchanged : 565 genes (79.1 %)

L(3)mbt in TSS +/- 5kb : 2,149 genes (15.4 %)

+/- L(3)mbt RNA-seq

upregulated : 262 genes (12.2 %)

downregulated : 42 genes (2.0 %)

unchanged : 1,845 genes (85.8 %)

L(3)mbt in TSS > 5kb : 3,628 genes (26.0 %)

+/- L(3)mbt RNA-seq

upregulated : 158 genes (4.4 %)
[*ago3*]

downregulated : 52 genes (1.4 %)

unchanged : 3,418 genes (94.2 %)

Appendix Figure S1. Relationship between L(3)mbt ChIP peaks and TSS.

(A) Scatter plot of sequenced reads, mapped onto each L(3)mbt ChIP peak defined by MACS2 for each replicate. Each dot denotes a detected ChIP peak. (B) Distribution of L(3)mbt ChIP peaks is shown according to the distance to most proximal TSS. (C) The 13,951 protein-coding genes of *Drosophila* were classified into "L(3)mbt in TSS region," "L(3)mbt in TSS +/- 1kb," "L(3)mbt in TSS +/- 5kb," and "L(3)mbt in TSS > 5kb," in accordance with the L(3)mbt ChIP-seq signals, and were subsequently divided into "upregulated," "downregulated," and "unchanged" in accordance with the RNA-seq reads from OSCs before and after L(3)mbt depletion [+/− L(3)mbt]. Representatives of piRNA factors are indicated within the groups. Note that the "L(3)mbt in TSS region" corresponds to the "promoter region binding" in Fig 1A.

2

A

L(3)mbt-containing complex	components
LINT	L(3)mbt, Lint-1, CoRest
dREAM/MMB	L(3)mbt, Myb, E2F2, RBF, p53, Mip120, Mip130, Mip140
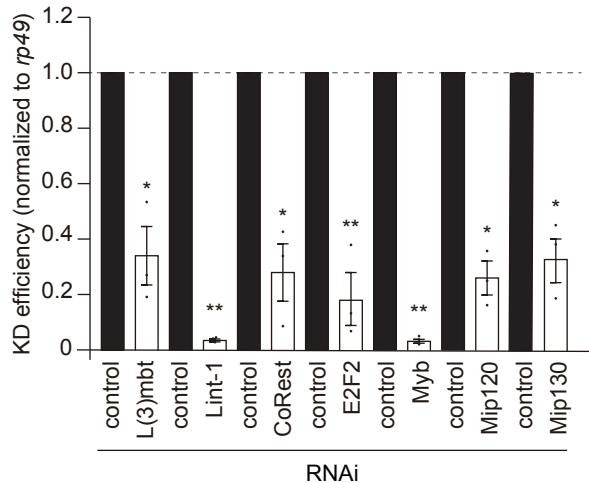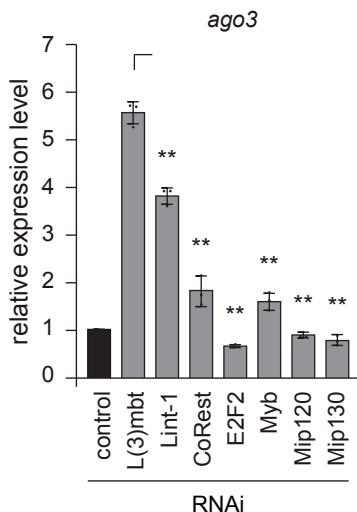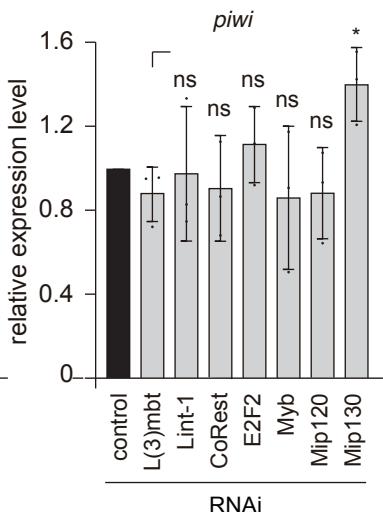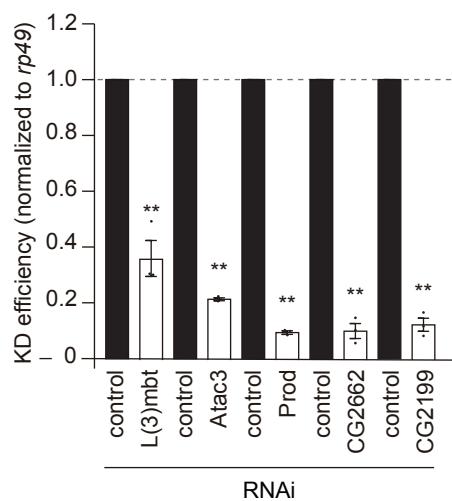
Appendix Figure S2. The mRNA levels of *ago3* and *piwi* upon the depletion of L(3)mbt interactors in OSCs.
(A) Known L(3)mbt cofactors within the LINT and dREAM complexes (Lewis et al. 2004; Meier et al. 2012; Blanchard et al, 2014). (B) Knockdown (KD) efficiencies of members of the LINT and dREAM complexes were verified by RT-qPCR. Control: EGFP siRNA was used. Data represent the mean ± SE (n = 3). The *p* values were calculated with the t-test. *p: < 0.05, **p: < 0.01. (C, D) The mRNA levels of *ago3* (C) and *piwi* (D) were quantified in L(3)mbt-, Lint-1-, CoRest-, E2F2-, Myb-, Mip120-, and Mip130-depleted (RNAi) OSCs, and were compared with those in normal (control) OSCs. (E) KD efficiencies were verified by RT-qPCR for the indicated genes.
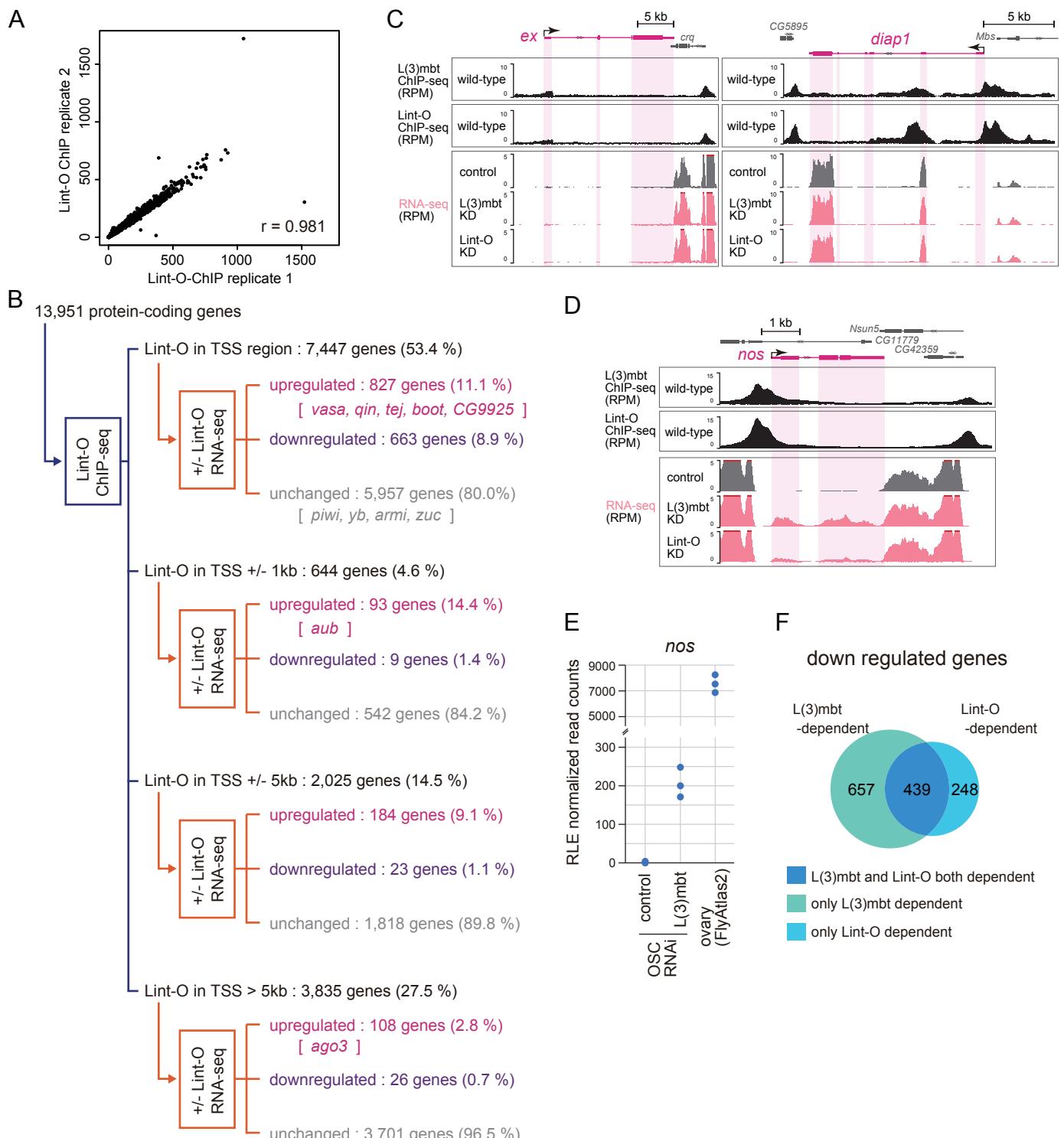
Appendix Figure S3. Genes bound and controlled by Lint-O.

(A) Scatter plot of sequenced reads, mapped onto each Lint-O ChIP peak defined by MACS2 for each replicate. Each dot denotes a detected ChIP peak. (B) The 13,951 protein-coding genes of Drosophila were classified into "Lint-O in TSS region," "Lint-O in TSS +/- 1kb," "Lint-O in TSS +/- 5kb," and "Lint-O in TSS > 5kb," in accordance with the Lint-O ChIP-seq reads, and were subsequently divided into "upregulated," "downregulated," and "unchanged" in accordance with the RNA-seq reads from OSCs before and after Lint-O depletion [+/− Lint-O]. Representatives of piRNA factors are indicated within the groups. Note that the "Lint-O in TSS region" corresponds to the "promoter region binding" in Fig 4A. (C, D) The genomic regions harboring the *diap1* (C), *ex* (C), and *nos* (D) genes. The L (3)mbt and Lint-O ChIP-seq reads in normal OSCs (wild-type) and RNA-seq reads from L(3)mbt- and Lint-O-depleted [L(3)mbt KD and Lint-O KD] and control OSCs are shown. The shades in gray correspond to exons. The *y*-axis shows the number of RPM. (E) The levels of *nos* mRNA in the ovary and cultured OSCs following L(3)mbt depletion are shown. (F) Venn diagram shows that 439 protein-coding genes are commonly present in the l(3)mbt and lint-O libraries as downregulated genes.

4

Accession	Description	Sum PEP Score	PSMs	Abundances (control) 1	2	Abundances (L(3)mbt KD) 1	2	FC of (abundances)
E8NH29	LD46071p (Fra	92.506	778	128.5	50.4	91.6	129.5	0.809136137
Q9VZ22	L(3)mbt intera	37.046	54	326	70.2	1.9	1.9	104.2631579
Q9VB52	LD05287p OS=	23.163	17	381.4	18.6	0	0	∞
E4NKN3	GM13963p OS=	17.992	61	247.3	68.8	32.5	51.5	3.763095238
L0MQ04	ATP synthase	16.843	25	39.2	281.2	38.5	41.1	4.025125628
O76866	EG:100G10.6 p	14.463	14	383.8	14.2	0	1.9	209.4736842
Q9VLK1	U3 small nucle	14.345	9	274.4	0	27.3	98.3	2.184713376
P56538	Eukaryotic tran	12.677	17	38.8	163.9	188.8	8.6	1.026849037
P29844	Endoplasmic re	12.448	13	168.8	90.3	85.5	55.4	1.838892832
Q9VJD1	Glucosidase 2	11.363	13	131.1	176.4	35.6	56.9	3.324324324
A0A0B4KHY6	Ets at 97D, iso	10.881	7	164.5	94.6	107.7	33.2	1.838892832
Q0ZHI2	L23A ribosoma	9.293	5	242.3	54.7	80.4	22.7	2.880698351
Q9VUZ0	Translocon-as	8.169	15	38.8	262.7	67.1	31.4	3.060913706
P17704	40S ribosomal	7.807	14	253	52.9	41.8	52.3	3.250797024
D2NUK9	Hoi-polloi, isof	7.659	18	174.1	161.8	21.2	42.9	5.24024961
A0A0B4LH50	Actin 87E, isof	7.612	18	3.1	193.1	121.8	82	0.962708538
P55830	40S ribosomal	7.37	8	93.7	223.6	28.3	54.4	3.836759371
M9NE89	Lamin, isoform	7.079	7	3.9	214.1	68	114	1.197802198
P50887	60S ribosomal	6.947	51	146.9	95.5	127.6	30	1.538071066
C0HKA1	40S ribosomal	6.738	7	130	136.5	103.4	30.1	1.996254682
Q06559	40S ribosomal	6.598	7	182.4	100.9	56.7	60	2.427592117
Q9VPQ2	DnaJ homolog	5.88	14	90.7	173	94.3	42	1.934702861
X2JF59	Thioredoxin pe	4.989	8	0	261.5	62	76.5	1.888086643
Q7JZ53	CG4866 OS=D	4.883	1	218.1	0	181.9	0	1.199010445
Q9VGN9	Probable ribos	4.666	2	205.6	0	194.4	0	1.057613169
P08736	Elongation fac	4.588	12	39.6	193.4	102.3	64.8	1.394374626
A0A023GQA5	Lethal (2) 37C	4.276	2	0	357.9	0	42.1	8.501187648
Q9VTP4	60S ribosomal	3.676	2	30.2	270.2	85.3	14.3	3.016064257
A0A0B4K6N1	40S ribosomal	3.528	1	400	0	0	0	∞
P11147	Heat shock 70	3.513	6	61.3	218.8	0	119.9	2.336113428
P46222	60S ribosomal	3.448	2	400	0	0	0	∞
H0RNL4	FI17108p1 (Fra	3.391	2	327.7	0	72.3	0	4.532503458
B5RIJ9	FI02875p (Frag	2.925	1	0	338.7	0	61.3	5.525285481
Q8STI6	RE53401p OS=	2.831	1	400	0	0	0	∞
P13469	DNA-binding p	2.563	1	0	0	0	0	–
Q8T479	AT12489p OS=	2.553	1	0	331.4	0	68.6	4.83090379
A0A0F7J3E9	MIP06027p1 O	2.524	2	225.9	53.4	90.1	30.5	2.315920398
Q9V597	60S ribosomal	2.51	1	195.5	0	204.5	0	0.95599022
P41374	Eukaryotic tran	2.424	1	63.9	259.1	0	77	4.194805195
A0A0B4KH25	Histone H2A 0	2.41	6	193.5	85.5	79.8	41.2	2.305785124
Q7KLW6	LD06837p (Fra	2.318	1	0	400	0	0	∞
Q4V5X9	IP07888p OS=	2.316	3	287.3	0	112.7	0	2.549245785
A0A023T5E7	GEO01108p1 0	2.224	2	123.8	114.4	86.7	75.1	1.472187886
P02283	Histone H2B 0	2.166	10	238	41.1	75	45.9	2.308519438
O97183	GH07456p OS=	2.102	3	33.6	305.3	19.7	41.3	5.555737705
A0A0B4LG52	GEO08239p1 0	2.05	2	108.9	139.2	0	152	1.632236842
Q7JNE1	Non-histone c	1.992	2	0	346.7	0	53.3	6.504690432
Q08473	RNA-binding p	1.98	3	68.2	197.7	46.7	87.4	1.98284862
Q9VWD9	LD38919p OS=	1.957	2	213	187	0	0	∞
C6SV50	40S ribosomal	1.919	2	134.6	216.8	0	48.6	7.230452675
A8DY43	Uncharacterize	1.858	2	0	0	0	0	–
Q9VHG5	Insulator bindi	1.854	11	87.5	86.9	212.1	13.6	0.772707133
A9UN96	LD25519p OS=	1.853	1	400	0	0	0	∞
P54397	39 kDa FK506-	1.795	1	400	0	0	0	∞
P06603	Tubulin alpha-	1.781	1	56.1	0	343.9	0	0.163128817
Q7K5M2	GH05836p OS=	1.748	2	88.3	177.5	80.1	54.1	1.980625931
P09180	60S ribosomal	1.604	1	186.5	0	213.5	0	0.8735363
B7ZWP7	RH14172p (Fra	1.601	1	91	159.3	81.7	68	1.672010688
M9PFN1	RuvB-like heli	1.576	2	12.3	211.3	94.6	81.9	1.266855524
Q7KRI2	Longitudinals I	1.34	1	16.7	313.9	69.4	0	4.763688761
Q9VHX4	LD24679p OS=	1.314	3	27.4	127.3	134.1	111.2	0.630656339
Q8IR16	No on or off tr	1.28	2	305.8	0	94.2	0	3.246284501
C0HL66	Histone H3.3A	1.259	2	400	0	0	0	∞
Q7K4B2	CG7845, isofor	1.259	1	0	256.3	0	143.7	1.783576896
Q9VSW7	LD21662p OS=	1.228	2	0	355.3	0	44.7	7.948545861
Q9I7W5	Something abo	1.154	1	400	0	0	0	∞
Q9VQ29	Cytochrome b-	1.145	1	0	371.1	0	28.9	12.84083045
Q9V7A4	Integrin alpha-	1.136	4	400	0	0	0	∞
A8DYH1	Muscle wasted	1.073	14	22.8	332.2	11.6	33.4	7.888888889
Q9V3P3	LD45860p OS=	1.067	2	0	341.5	0	58.5	5.837606838
Q9VA91	40S ribosomal	1.049	1	400	0	0	0	∞
A0A0B4LFD9	GEO04460p1 0	1.044	1	364.3	0	35.7	0	10.20448179
A0A0B4KFV4	Uncharacterize	1.037	2	12.3	188.2	118.8	80.7	1.005012531
Q9VMT4	GH15768p OS=	0.998	5	0	0	400	0	0
M9PDW8	Uncharacterize	0.99	11	400	0	0	0	∞
I1V500	Supercoiling fa	0.961	1	33.9	294.2	71.9	0	4.563282337
Q9VVH5	AT13736p OS=	0.947	1	266.9	0	133.1	0	2.005259204
A0A0B4KF15	Mangetout, iso	0.942	5	400	0	0	0	∞
M9NFF9	Ada2a-contain	0.94	2	207.2	114.8	22.2	55.8	4.128205128
Q24156	Transcription f	0.937	2	84.5	56.9	232.6	25.9	0.547001934
Q94901	RNA-binding p	0.919	1	400	0	0	0	∞
B7Z073	SOSS complex	0.898	1	0	400	0	0	∞
J7K9E8	Sin3A (Fragme	0.852	1	0	35.2	0	364.8	0.096491228
Q5BI31	LD15043p OS=	0.839	2	0	115.5	180	104.5	0.405975395
Q9VLP4	Protein mitosh	0.838	1	400	0	0	0	∞
F0JAS9	TD01073p (Fra	0.828	8	0	0	400	0	0
Q9VNA3	GH21273p OS=	0.824	1	376.6	0	23.4	0	16.09401709
P26686	Serine-arginine	0.815	1	400	0	0	0	∞
Q95U54	GH06271p OS=	0.813	4	0	0	400	0	0
E1JHR0	Drongo, isofor	0.764	1	0	0	400	0	0
Q967T6	Gag protein OS	0.757	1	155.3	136.4	0	108.3	2.693444137
A1ZBL0	Tubulin beta c	0.757	2	0	196.1	0	203.9	0.961745954
M9Z4Q3	MIP26177p1 O	0.754	1	0	0	0	0	–
Q8MT08	Dynein regulat	0.738	1	0	400	0	0	∞
Q59E37	Uncharacterize	0.735	2	0	0	400	0	0
Q9W1R1	GH10609p OS=	0.725	1	141.1	0	258.9	0	0.544998069
Q9VVN4	ATR-interactin	0.719	1	0	305.1	0	94.9	3.214963119
Q86PC1	RE03224p OS=	0.68	1	0	0	400	0	0
P20007	Phosphoenolpy	0.675	9	0	0	400	0	0
C6SUW3	LD13662p OS=	0.644	1	0	240.9	0	159.1	1.514142049

5

Appendix Table S2. List of siRNAs and primers. RNA is shown in italics.

experiment	name	sense	antisense
RNAi in OSCs	siEGFP	*GGCAAGCUGACCCUGAAGU* TT	*ACUUCAGGGUCAGCUUGCC* TT
	siL(3)mbt	*CCUCUGGAGAUGUCCGUAA* TT	*UUACGGACAUCUCCAGAGG* TT
	siLint-1	*GCAGAAUCUCCACCAGUAA* TT	*UUACUGGUGGAGAUUCUGC* TT
	siCoRest	*AACGAGGAGUCUGAUAACGAU* TT	*AUCGUUAUCAGACUCCUCGUU* TT
	siE2F2	*CCAAAUCUUGGACGUACA* TT	*UGUACGUCCAAGAUUUUGG* TT
	siMyb	*GGAGAACGACCAUUCCAU* TT	*AUGGAAUGGUCGAUUCUCC* TT
	siMip120	*GUCAUCUUUGUCCAGAAGU* TT	*UAUGUGGACCACGUUCUUC* TT
	siMip130	*GGACUCCGUUUCCAUGCUA* TT	*UAGCAUGGAAACGGAGUCC* TT
	siAtac3	*CGAAUGGAUGUCCUAGAAA* UU	*UUUCUAGGACAUCCAUUCG* UU
	siProd	*CGAUUGGAAGAACACCACU* UU	*AGUGGUGUUCUUCCAAUCG* UU
	siCG2662(siLint-O)	*GAUUGAGAAGCUAGCCAAA* UU	*UUUGGCUAGCUUCUCAAUC* UU
	siCG2199	*CAGACGUACUGGAGACCAU* UU	*AUGGUCUCCAGUACGUCUG* UU

experiment	name	forward primer (5' > 3')	reverse primer (5' > 3')
RT-qPCR	L(3)mbt	AGGAGACGTCTTTCGCTTGG	AGGAGACGTCTTTCGCTTGG
	Lint-1	CGCCTCAACGATAGCCTACA	TATCACGAGCCATCACCGAC
	CoRest	CCAGTTCCACGGGAAGAGC	CTGGCTATGGATTTGTCTGGC
	E2F2	CCAAGGACCAAGAGAACTAC	ATACGACCTATTCGAGGGAT
	Myb	TTGAAGATATGGATCTGCGG	GACTCTTGTGTGGAGTTTCT
	Mip120	GAAACCAATACCCAGCAGTA	TCTGGACAAAGATGACTTGG
	Mip130	CTGCCAGATTAAGATCTCCC	AAGTTCTCCGACACAATCTC
	Atac3	CGATGGCACAAAGCTAGTCA	CTTGTCCCCTAAGCGAACTG
	Prod	ATGTCGAGGAGGATCCCCAA	ACGCGGCGCATTTTTAACTT
	CG2662 (siLint-O)	AAGTGTGGCAAAAGCGAACC	ACGTTGCATAACCGGCAGTA
	CG2199	TGCAAAAAGAGGTGCGATGC	ATGGGATGCTTCTGTGGGTG
	Vasa	AGCCGTCCAACGATGCA	AACATCGCTGCCGGTCA
	Aub	ACGGCATTTGTGACGAGTAG	ACGTCCACGAGCAATTACAG
	AGO3	CTGCATTTGTGGCCTCCATA	GGGGAGTTTGCCATTCCTTT
	Piwi	CAAGGCCGGATAATTGGACA	CCATCGCTCGGAGTGGTAAG
	control(heterochromatin)	CAGTTGATGGGATGAATTTGG	TGCCTGTGGTTCTATCCAAAC
	vasa promoter	TGAATGAATCACTTAGGTTGCTTG	TGGTGGAATTTCCCATTGTGC
	rp49	CCGCTTCAAGGGACAGTATCTG	ATCTCGCCGCAGTAAACGC
RT-qPCR using flies	rp49	CCGCTTCAAGGGACAGTATCTG	ATCTCGCCGCAGTAAACGC
	CG2662 (Lint-O)	CCAAGGACGAAGACAAGGAG	CGAGGGATCGTACACCTGTT

Sequence Validation of Lint-O fly mutant	CG2662gRNA1_seq	AACTGATCTCCTTATCCAACCGATGGAAGG	GCTGCTCCGAAACAGGACTGGTTGTGGAG
experiment	**name**	**sequence**	**vector**
Expression vector for OSC	L3mbt-ATGR	CCCGATCCGGGGTCTCTGG	pAcF-L(3)mbt-S-3xFLAG
	L3mbt-ATG4	ATGAGCCTAATTAAATCCAAGCCCG	pAcF-L(3)mbt-S-3xFLAG
	pAcM-Lint-O_F	AACAAGCTTGGTACCAAACAATCCAAGGACGAAGA	pAcM-Lint-O
	pAcM-Lint-O_R	GACTCGAGCGGCCGCCTAATCTAGCCAGGCGAGGC	pAcM-Lint-O
	pAcM_F	GCGGCCGCTCGAGTCTAGAG	pAcM
	pAcM_R	GGTACCAAGCTTGTTCAGGT	pAcM
	pAc-C3F_F	CTCGAGGACTACAAAGACCA	pAc-C3F_vector
	pAc-C3F_R	CATGGTGGCTAGCCCGATCC	pAc-C3F_vector
	pAc-L3mbt-3xFLAG_F	GGGCTAGCCACCATGCTGCCATTGTCGATGGCCAG	pAc-L3mbt-3xFLAG
	pAc-L3mbt-3xFLAG_R	TTTGTAGTCCTCGAGAGAGGACGTGCGCAAGGGCG	pAc-L3mbt-3xFLAG
	pAc-Lint-O-3xFLAG_F	GGGCTAGCCACCATGAAACAATCCAAGGACGAAGA	pAc-Lint-O-3xFLAG
	pAc-Lint-O-3xFLAG_R	TTTGTAGTCCTCGAGATCTAGCCAGGCGAGGCCAA	pAc-Lint-O-3xFLAG
	siRNA resistant_F	AAAATCGAAAAACTGGCTAAGCGTAGACAGCCCTT	pAc-Lint-O_siRNA_resistant
	siRNA resistant_R	CTTAGCCAGTTTTTCGATTTTCGCTGGCTTTTCTT	pAc-Lint-O_siRNA_resistant
	8CA1_vector_F	GCCCGGTTAGCCAACGTGAGGGGGCCA	pAc-Lint-O_8CA-3xFLAG
	8CA1_vector_R	GGCCTTCTGGGCCGTGTCGAAGTTGCG	pAc-Lint-O_8CA-3xFLAG
	8CA1_insert_F	CGGCCCAGAAGGCCGGCAAAAGCGAACCCA	pAc-Lint-O_8CA-3xFLAG
	8CA1_insert_R	GTTGGCTAACCGGGCGTAGCGACACTTGTC	pAc-Lint-O_8CA-3xFLAG
	8CA2_vector_F	GCCAGTTTAGCCGTGGATGCCTATCAC	pAc-Lint-O_8CA-3xFLAG
	8CA2_vector_R	GGCGCCCTTGGCAGTGAGGAAGTTGCT	pAc-Lint-O_8CA-3xFLAG
	8CA2_insert_F	ACTGCCAAGGGCGCCATGCAGAAATGGCAC	pAc-Lint-O_8CA-3xFLAG
	8CA2_insert_R	CACGGCTAAACTGGCAATGGAAAGACCTGG	pAc-Lint-O_8CA-3xFLAG
	Lint-O-ΔSAM-3xFLAG_F	AAGCCATCCATCCAATGACGTTGGCCTCGC	pAc-Lint-O-ΔSAM-3xFLAG
	Lint-O-ΔSAM-3xFLAG_R	CGTCATTGGATGGATGGCTTCTTCTCTCTA	pAc-Lint-O-ΔSAM-3xFLAG
	Lint-O-ΔPHD-3xFLAG_F	CTTCGCAACTTCGACGCGTGTAACATCGGC	pAc-Lint-O-ΔPHD-3xFLAG
	Lint-O-ΔPHD-3xFLAG_R	GCCGATGTTACACGCGTCGAAGTTGCGAAG	pAc-Lint-O-ΔPHD-3xFLAG
	L(3)mbt-L/S_ΔSAM_F	GGACCACAGTTCCTGGTCGTCTGCAAGTTTGATTC	pAcF-L(3)mbt-L/S_ΔSAM
	L(3)mbt-L/S_ΔSAM_R	AAACTTGCAGACGACCAGGAACTGTGGTCCATAGT	pAcF-L(3)mbt-L/S_ΔSAM

experiment	name	sequence	vector
Lint-O fly mutagenesis	gRNA_CG2662_1F	CTTCGACGACCCACAATTCCAGCGC	pBFv-U6.2-Lint-O-gRNA1
	gRNA_CG2662_1R	AAACGCGCTGGAATTGTGGGTCGTC	pBFv-U6.2-Lint-O-gRNA1
Lint-O-Venus transgenic fly constrution	Lint-O gRNA5_F	CTTCGACATTAGGTGCTAAGGAGGT	pBFv-U6.2-Lint-O-gRNA5
	Lint-O gRNA5_R	AAACACCTCCTTAGCACCTAATGTC	pBFv-U6.2-Lint-O-gRNA5
	Lint-O 5'arm_F	GCTTGATATCGAATTCCTTGCCGATCACGTTCCACAAC	pBS-Lint-Oarm-Venus-3xP3-dsRed-Express2
	Lint-O 5'arm_R	AGTTGGGGGCGTAGGATCTAGCCAGGCGAGGCCAACGTC	pBS-Lint-Oarm-Venus-3xP3-dsRed-Express2
	Lint-O 3'arm_F	TAGTATAGGAACTTCCGTCCCCACCCACCTCCTTAGCAC	pBS-Lint-Oarm-Venus-3xP3-dsRed-Express2
	Lint-O 3'arm_R	CGGGCTGCAGGAATTC TAAAAGGCGTATTTTACTCCATC	pBS-Lint-Oarm-Venus-3xP3-dsRed-Express2

Appendix Table S3. Genes upregulated in L(3)mbt KD

FBgn0000053	FBgn0004919	FBgn0020391	FBgn0028916	FBgn0030742	FBgn0032105	FBgn0033431	FBgn0034988	FBgn0036503	FBgn0037853
FBgn0000071	FBgn0005390	FBgn0021800	FBgn0028983	FBgn0030778	FBgn0032123	FBgn0033438	FBgn0035019	FBgn0036536	FBgn0037885
FBgn0000084	FBgn0005558	FBgn0022160	FBgn0028984	FBgn0030793	FBgn0032135	FBgn0033446	FBgn0035032	FBgn0036565	FBgn0037896
FBgn0000108	FBgn0005631	FBgn0022359	FBgn0028996	FBgn0030816	FBgn0032161	FBgn0033448	FBgn0035034	FBgn0036574	FBgn0037902
FBgn0000158	FBgn0005660	FBgn0022702	FBgn0028997	FBgn0030841	FBgn0032178	FBgn0033451	FBgn0035035	FBgn0036612	FBgn0037921
FBgn0000180	FBgn0005696	FBgn0022709	FBgn0029002	FBgn0030847	FBgn0032192	FBgn0033453	FBgn0035056	FBgn0036622	FBgn0037930
FBgn0000246	FBgn0010014	FBgn0022768	FBgn0029094	FBgn0030864	FBgn0032210	FBgn0033459	FBgn0035073	FBgn0036640	FBgn0037950
FBgn0000289	FBgn0010097	FBgn0022770	FBgn0029105	FBgn0030869	FBgn0032211	FBgn0033468	FBgn0035086	FBgn0036641	FBgn0037999
FBgn0000299	FBgn0010226	FBgn0022960	FBgn0029131	FBgn0030876	FBgn0032213	FBgn0033486	FBgn0035094	FBgn0036652	FBgn0038016
FBgn0000317	FBgn0010246	FBgn0023023	FBgn0029137	FBgn0030884	FBgn0032221	FBgn0033538	FBgn0035146	FBgn0036687	FBgn0038037
FBgn0000320	FBgn0010263	FBgn0023094	FBgn0029147	FBgn0030937	FBgn0032228	FBgn0033554	FBgn0035151	FBgn0036689	FBgn0038038
FBgn0000346	FBgn0010314	FBgn0023097	FBgn0029508	FBgn0030941	FBgn0032233	FBgn0033555	FBgn0035157	FBgn0036698	FBgn0038042
FBgn0000422	FBgn0010317	FBgn0023171	FBgn0029514	FBgn0030955	FBgn0032249	FBgn0033627	FBgn0035167	FBgn0036732	FBgn0038045
FBgn0000463	FBgn0010342	FBgn0023179	FBgn0029573	FBgn0030968	FBgn0032294	FBgn0033654	FBgn0035169	FBgn0036738	FBgn0038047
FBgn0000533	FBgn0010382	FBgn0023395	FBgn0029606	FBgn0030994	FBgn0032297	FBgn0033686	FBgn0035181	FBgn0036765	FBgn0038053
FBgn0000536	FBgn0010391	FBgn0023509	FBgn0029694	FBgn0030997	FBgn0032364	FBgn0033715	FBgn0035265	FBgn0036773	FBgn0038105
FBgn0000557	FBgn0010395	FBgn0023515	FBgn0029708	FBgn0031002	FBgn0032382	FBgn0033748	FBgn0035273	FBgn0036801	FBgn0038115
FBgn0000588	FBgn0010407	FBgn0023520	FBgn0029710	FBgn0031018	FBgn0032400	FBgn0033749	FBgn0035321	FBgn0036810	FBgn0038144
FBgn0000615	FBgn0010441	FBgn0023537	FBgn0029712	FBgn0031037	FBgn0032402	FBgn0033753	FBgn0035325	FBgn0036813	FBgn0038191
FBgn0000633	FBgn0010470	FBgn0023540	FBgn0029722	FBgn0031053	FBgn0032428	FBgn0033767	FBgn0035390	FBgn0036815	FBgn0038250
FBgn0000636	FBgn0010482	FBgn0024177	FBgn0029723	FBgn0031066	FBgn0032447	FBgn0033785	FBgn0035407	FBgn0036820	FBgn0038251
FBgn0000644	FBgn0010602	FBgn0024236	FBgn0029733	FBgn0031091	FBgn0032452	FBgn0033799	FBgn0035410	FBgn0036821	FBgn0038252
FBgn0000658	FBgn0011206	FBgn0024320	FBgn0029752	FBgn0031104	FBgn0032474	FBgn0033807	FBgn0035415	FBgn0036822	FBgn0038256
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FBgn0000996	FBgn0011274	FBgn0024432	FBgn0029765	FBgn0031148	FBgn0032484	FBgn0033815	FBgn0035445	FBgn0036875	FBgn0038277
FBgn0001104	FBgn0011286	FBgn0024732	FBgn0029791	FBgn0031161	FBgn0032519	FBgn0033846	FBgn0035452	FBgn0036896	FBgn0038299
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FBgn0001137	FBgn0011660	FBgn0024984	FBgn0029834	FBgn0031188	FBgn0032598	FBgn0033903	FBgn0035477	FBgn0036956	FBgn0038316
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FBgn0001222	FBgn0011704	FBgn0024995	FBgn0029861	FBgn0031191	FBgn0032652	FBgn0033921	FBgn0035505	FBgn0036969	FBgn0038349
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FBgn0001225	FBgn0011722	FBgn0025390	FBgn0029892	FBgn0031228	FBgn0032680	FBgn0033987	FBgn0035521	FBgn0036984	FBgn0038431
FBgn0001226	FBgn0011761	FBgn0025638	FBgn0029911	FBgn0031232	FBgn0032698	FBgn0034013	FBgn0035523	FBgn0037000	FBgn0038452
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FBgn0001230	FBgn0011770	FBgn0025641	FBgn0029930	FBgn0031245	FBgn0032713	FBgn0034067	FBgn0035575	FBgn0037050	FBgn0038467
FBgn0001233	FBgn0012037	FBgn0025682	FBgn0029937	FBgn0031252	FBgn0032727	FBgn0034075	FBgn0035578	FBgn0037060	FBgn0038476
FBgn0001248	FBgn0013305	FBgn0025693	FBgn0029942	FBgn0031254	FBgn0032775	FBgn0034081	FBgn0035587	FBgn0037063	FBgn0038490
FBgn0001311	FBgn0013548	FBgn0025743	FBgn0029970	FBgn0031255	FBgn0032779	FBgn0034091	FBgn0035623	FBgn0037086	FBgn0038540
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FBgn0002773	FBgn0013726	FBgn0025837	FBgn0029975	FBgn0031263	FBgn0032798	FBgn0034106	FBgn0035677	FBgn0037107	FBgn0038575
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FBgn0003046	FBgn0014143	FBgn0026593	FBgn0030218	FBgn0031460	FBgn0032884	FBgn0034270	FBgn0035829	FBgn0037254	FBgn0038690
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FBgn0003391	FBgn0015558	FBgn0027494	FBgn0030412	FBgn0031645	FBgn0032957	FBgn0034425	FBgn0035957	FBgn0037518	FBgn0038975
FBgn0003423	FBgn0015600	FBgn0027500	FBgn0030421	FBgn0031646	FBgn0032986	FBgn0034436	FBgn0035959	FBgn0037525	FBgn0038978
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FBgn0003527	FBgn0015625	FBgn0027560	FBgn0030459	FBgn0031716	FBgn0033031	FBgn0034583	FBgn0035995	FBgn0037579	FBgn0039058
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FBgn0004167	FBgn0016038	FBgn0028523	FBgn0030551	FBgn0031850	FBgn0033192	FBgn0034725	FBgn0036206	FBgn0037670	FBgn0039265
FBgn0004360	FBgn0016054	FBgn0028525	FBgn0030555	FBgn0031874	FBgn0033204	FBgn0034750	FBgn0036224	FBgn0037679	FBgn0039277
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FBgn0004397	FBgn0016122	FBgn0028546	FBgn0030597	FBgn0031896	FBgn0033214	FBgn0034797	FBgn0036279	FBgn0037715	FBgn0039356
FBgn0004400	FBgn0016123	FBgn0028561	FBgn0030600	FBgn0031905	FBgn0033215	FBgn0034804	FBgn0036288	FBgn0037721	FBgn0039504
FBgn0004432	FBgn0016131	FBgn0028563	FBgn0030607	FBgn0031910	FBgn0033233	FBgn0034816	FBgn0036298	FBgn0037736	FBgn0039507
FBgn0004456	FBgn0016715	FBgn0028572	FBgn0030629	FBgn0031920	FBgn0033234	FBgn0034850	FBgn0036330	FBgn0037747	FBgn0039559
FBgn0004581	FBgn0016794	FBgn0028579	FBgn0030630	FBgn0031952	FBgn0033261	FBgn0034885	FBgn0036354	FBgn0037749	FBgn0039561
FBgn0004607	FBgn0017577	FBgn0028582	FBgn0030647	FBgn0031986	FBgn0033274	FBgn0034935	FBgn0036368	FBgn0037754	FBgn0039564
FBgn0004611	FBgn0019985	FBgn0028622	FBgn0030657	FBgn0032006	FBgn0033312	FBgn0034943	FBgn0036381	FBgn0037759	FBgn0039622
FBgn0004623	FBgn0020257	FBgn0028671	FBgn0030660	FBgn0032010	FBgn0033373	FBgn0034950	FBgn0036391	FBgn0037779	FBgn0039640
FBgn0004650	FBgn0020294	FBgn0028675	FBgn0030683	FBgn0032013	FBgn0033374	FBgn0034956	FBgn0036397	FBgn0037807	FBgn0039644
FBgn0004797	FBgn0020312	FBgn0028743	FBgn0030706	FBgn0032029	FBgn0033381	FBgn0034957	FBgn0036405	FBgn0037841	FBgn0039651
FBgn0004882	FBgn0020372	FBgn0028746	FBgn0030716	FBgn0032079	FBgn0033382	FBgn0034943	FBgn0036433	FBgn0037844	FBgn0039665
FBgn0004885	FBgn0020385	FBgn0028862	FBgn0030721		FBgn0033388		FBgn0036461	FBgn0037846	FBgn0039666
FBgn0004913	FBgn0020389		FBgn0030723		FBgn0033402		FBgn0036486	FBgn0037849	FBgn0039667

9

FBgn0039681	FBgn0051140	FBgn0085223	FBgn0262719	FBgn0010453	FBgn0035168	FBgn0085483	FBgn0029856	FBgn0034279	FBgn0039911
FBgn0039688	FBgn0051141	FBgn0085236	FBgn0262738	FBgn0010548	FBgn0035234	FBgn0086704	FBgn0029863	FBgn0034406	FBgn0039915
FBgn0039702	FBgn0051145	FBgn0085317	FBgn0262820	FBgn0011289	FBgn0035260	FBgn0250816	FBgn0029986	FBgn0034413	FBgn0039927
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FBgn0039752	FBgn0051217	FBgn0085384	FBgn0263022	FBgn0013995	FBgn0035308	FBgn0259111	FBgn0030028	FBgn0034538	FBgn0040350
FBgn0039755	FBgn0051220	FBgn0085405	FBgn0263023	FBgn0015032	FBgn0035724	FBgn0259163	FBgn0030073	FBgn0034662	FBgn0041233
FBgn0039774	FBgn0051248	FBgn0085438	FBgn0263029	FBgn0015569	FBgn0035865	FBgn0259226	FBgn0030234	FBgn0034761	FBgn0041710
FBgn0039827	FBgn0051251	FBgn0086254	FBgn0263076	FBgn0020277	FBgn0035903	FBgn0259927	FBgn0030244	FBgn0034920	FBgn0042179
FBgn0039844	FBgn0051344	FBgn0086356	FBgn0263106	FBgn0020415	FBgn0035917	FBgn0260003	FBgn0030310	FBgn0034942	FBgn0042696
FBgn0039848	FBgn0051370	FBgn0086357	FBgn0263111	FBgn0020513	FBgn0036040	FBgn0260942	FBgn0030326	FBgn0034972	FBgn0043043
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FBgn0039916	FBgn0051475	FBgn0086450	FBgn0263240	FBgn0025702	FBgn0036479	FBgn0261859	FBgn0030691	FBgn0035317	FBgn0050418
FBgn0040009	FBgn0051516	FBgn0086690	FBgn0263258	FBgn0025878	FBgn0036568	FBgn0261996	FBgn0030697	FBgn0035348	FBgn0050460
FBgn0040070	FBgn0051523	FBgn0086691	FBgn0263260	FBgn0026061	FBgn0036727	FBgn0262029	FBgn0030725	FBgn0035412	FBgn0051002
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FBgn0040153	FBgn0051636	FBgn0086909	FBgn0263397	FBgn0026721	FBgn0036806	FBgn0262509	FBgn0030859	FBgn0035571	FBgn0051464
FBgn0040308	FBgn0051658	FBgn0087002	FBgn0263601	FBgn0027111	FBgn0036816	FBgn0262531	FBgn0031004	FBgn0035880	FBgn0051719
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FBgn0040348	FBgn0051789	FBgn0250732	FBgn0264443	FBgn0028491	FBgn0037714	FBgn0262871	FBgn0031157	FBgn0036145	FBgn0052073
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FBgn0040477	FBgn0051999	FBgn0259173	FBgn0265085	FBgn0030148	FBgn0037972	FBgn0264815	FBgn0031343	FBgn0036419	FBgn0052783
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FBgn0041205	FBgn0052483	FBgn0260399	FBgn0266719	FBgn0031240	FBgn0039094	FBgn0000473	FBgn0032058	FBgn0037222	FBgn0085475
FBgn0041582	FBgn0052485	FBgn0260462	FBgn0266757	FBgn0031414	FBgn0039099	FBgn0000826	FBgn0032082	FBgn0037276	FBgn0087040
FBgn0041706	FBgn0052506	FBgn0260653	FBgn0266801	FBgn0031515	FBgn0039201	FBgn0001090	FBgn0032140	FBgn0037304	FBgn0250869
FBgn0041723	FBgn0052549	FBgn0260743	FBgn0267698	FBgn0031634	FBgn0039415	FBgn0001216	FBgn0032225	FBgn0037347	FBgn0250904
FBgn0042178	FBgn0052557	FBgn0260766	FBgn0267792	FBgn0031745	FBgn0039500	FBgn0001259	FBgn0032252	FBgn0037375	FBgn0250907
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FBgn0045064	FBgn0052706	FBgn0260991	FBgn0284221	FBgn0032078	FBgn0040071	FBgn0003886	FBgn0032660	FBgn0037934	FBgn0260658
FBgn0045823	FBgn0052813	FBgn0261041	FBgn0284243	FBgn0032218	FBgn0040090	FBgn0003889	FBgn0032683	FBgn0037960	FBgn0260746
FBgn0045842	FBgn0052814	FBgn0261053	FBgn0284408	FBgn0032262	FBgn0040260	FBgn0003890	FBgn0032774	FBgn0037973	FBgn0260780
FBgn0046258	FBgn0052982	FBgn0261085	FBgn0284442	FBgn0032345	FBgn0040349	FBgn0004118	FBgn0032783	FBgn0037974	FBgn0261393
FBgn0046763	FBgn0053017	FBgn0261086	FBgn0286222	FBgn0032381	FBgn0040658	FBgn0004512	FBgn0032788	FBgn0038067	FBgn0261561
FBgn0046878	FBgn0053062	FBgn0261243	FBgn0286507	FBgn0032422	FBgn0041096	FBgn0004878	FBgn0032803	FBgn0038172	FBgn0261999
FBgn0050015	FBgn0053087	FBgn0261261	FBgn0286778	FBgn0032473	FBgn0041234	FBgn0005666	FBgn0032820	FBgn0038247	FBgn0262473
FBgn0050016	FBgn0053099	FBgn0261262	FBgn0286788	FBgn0032726	FBgn0042133	FBgn0010105	FBgn0032910	FBgn0038260	FBgn0262607
FBgn0050069	FBgn0053108	FBgn0261341	FBgn0287186	FBgn0032749	FBgn0043806	FBgn0010241	FBgn0032973	FBgn0038261	FBgn0262686
FBgn0050085	FBgn0053156	FBgn0261363	FBgn0287695	FBgn0032752	FBgn0050115	FBgn0010258	FBgn0033051	FBgn0038279	FBgn0262794
FBgn0050089	FBgn0053177	FBgn0261385	FBgn0287767	FBgn0033096	FBgn0050195	FBgn0010473	FBgn0033079	FBgn0038292	FBgn0262814
FBgn0050091	FBgn0053207	FBgn0261445	FBgn0287831	FBgn0033203	FBgn0050485	FBgn0011296	FBgn0033115	FBgn0038315	FBgn0263132
FBgn0050106	FBgn0053229	FBgn0261549	FBgn0000075	FBgn0033222	FBgn0050502	FBgn0011828	FBgn0033132	FBgn0038373	FBgn0263772
FBgn0050151	FBgn0053289	FBgn0261584	FBgn0000244	FBgn0033252	FBgn0051161	FBgn0013348	FBgn0033221	FBgn0038397	FBgn0264542
FBgn0050156	FBgn0053468	FBgn0261625	FBgn0000256	FBgn0033421	FBgn0051202	FBgn0013813	FBgn0033229	FBgn0038407	FBgn0264748
FBgn0050289	FBgn0053469	FBgn0261649	FBgn0000477	FBgn0033504	FBgn0051231	FBgn0014018	FBgn0033257	FBgn0038435	FBgn0264894
FBgn0050296	FBgn0053494	FBgn0261673	FBgn0000927	FBgn0033610	FBgn0051279	FBgn0014395	FBgn0033268	FBgn0038603	FBgn0264979
FBgn0050359	FBgn0053542	FBgn0261794	FBgn0001263	FBgn0033657	FBgn0051706	FBgn0014417	FBgn0033387	FBgn0038740	FBgn0265048
FBgn0050379	FBgn0053556	FBgn0261952	FBgn0001991	FBgn0033872	FBgn0051721	FBgn0020307	FBgn0033494	FBgn0038784	FBgn0265767
FBgn0050380	FBgn0053653	FBgn0261955	FBgn0002778	FBgn0033963	FBgn0052036	FBgn0020377	FBgn0033518	FBgn0038814	FBgn0266534
FBgn0050383	FBgn0053679	FBgn0261985	FBgn0003028	FBgn0034070	FBgn0052703	FBgn0020379	FBgn0033519	FBgn0038894	FBgn0266566
FBgn0050403	FBgn0053775	FBgn0261987	FBgn0003149	FBgn0034094	FBgn0052792	FBgn0020414	FBgn0033520	FBgn0038957	FBgn0267408
FBgn0050414	FBgn0053792	FBgn0262035	FBgn0003159	FBgn0034247	FBgn0052815	FBgn0023090	FBgn0033580	FBgn0038959	FBgn0285896
FBgn0050424	FBgn0053926	FBgn0262101	FBgn0003174	FBgn0034278	FBgn0052816	FBgn0023416	FBgn0033628	FBgn0039006	FBgn0286071
FBgn0050438	FBgn0053969	FBgn0262364	FBgn0003447	FBgn0034437	FBgn0052944	FBgn0023495	FBgn0033631	FBgn0039015	FBgn0286785
FBgn0050440	FBgn0054012	FBgn0262508	FBgn0003460	FBgn0034489	FBgn0053003	FBgn0024189	FBgn0033658	FBgn0039051	FBgn0287209
FBgn0050466	FBgn0054021	FBgn0262515	FBgn0003475	FBgn0034497	FBgn0053257	FBgn0024836	FBgn0033659	FBgn0039073	
FBgn0050484	FBgn0054033	FBgn0262524	FBgn0003719	FBgn0034602	FBgn0053519	FBgn0026255	FBgn0033763	FBgn0039178	
FBgn0051021	FBgn0058006	FBgn0262559	FBgn0003867	FBgn0034639	FBgn0054031	FBgn0026376	FBgn0033773	FBgn0039272	
FBgn0051041	FBgn0058298	FBgn0262562	FBgn0004047	FBgn0034706	FBgn0061356	FBgn0026393	FBgn0033875	FBgn0039282	
FBgn0051053	FBgn0062413	FBgn0262563	FBgn0004198	FBgn0034928	FBgn0085421	FBgn0027073	FBgn0033917	FBgn0039294	
FBgn0051072	FBgn0065032	FBgn0262579	FBgn0004514	FBgn0034974	FBgn0085425	FBgn0027521	FBgn0034047	FBgn0039321	
FBgn0051075	FBgn0067102	FBgn0262598	FBgn0004577	FBgn0034985	FBgn0085431	FBgn0027570	FBgn0034052	FBgn0039629	
FBgn0051100	FBgn0083940	FBgn0262599	FBgn0004646	FBgn0035103	FBgn0085440	FBgn0027611	FBgn0034053	FBgn0039655	
FBgn0051125	FBgn0083956	FBgn0262685	FBgn0004649	FBgn0035154	FBgn0085446	FBgn0028979	FBgn0034156	FBgn0039678	
			FBgn0005564				FBgn0034275		

Appendix Table S3. Genes downregulated in L(3)mbt KD

FBgn0000036	FBgn0010265	FBgn0023081	FBgn0027836	FBgn0031169	FBgn0033086	FBgn0034543	FBgn0036035	FBgn0037648	FBgn0039274
FBgn0000064	FBgn0010340	FBgn0023091	FBgn0027873	FBgn0031233	FBgn0033088	FBgn0034617	FBgn0036038	FBgn0037652	FBgn0039303
FBgn0000116	FBgn0010348	FBgn0023143	FBgn0027932	FBgn0031238	FBgn0033089	FBgn0034631	FBgn0036058	FBgn0037686	FBgn0039306
FBgn0000181	FBgn0010383	FBgn0023169	FBgn0028331	FBgn0031256	FBgn0033184	FBgn0034641	FBgn0036063	FBgn0037710	FBgn0039338
FBgn0000247	FBgn0010409	FBgn0023507	FBgn0028341	FBgn0031281	FBgn0033209	FBgn0034650	FBgn0036124	FBgn0037723	FBgn0039349
FBgn0000261	FBgn0010504	FBgn0023510	FBgn0028427	FBgn0031282	FBgn0033225	FBgn0034703	FBgn0036126	FBgn0037741	FBgn0039358
FBgn0000283	FBgn0010520	FBgn0023514	FBgn0028429	FBgn0031286	FBgn0033226	FBgn0034707	FBgn0036136	FBgn0037743	FBgn0039359
FBgn0000319	FBgn0010551	FBgn0023519	FBgn0028473	FBgn0031307	FBgn0033235	FBgn0034728	FBgn0036141	FBgn0037778	FBgn0039406
FBgn0000339	FBgn0010611	FBgn0023521	FBgn0028479	FBgn0031321	FBgn0033244	FBgn0034741	FBgn0036173	FBgn0037794	FBgn0039419
FBgn0000377	FBgn0010651	FBgn0023527	FBgn0028484	FBgn0031360	FBgn0033304	FBgn0034792	FBgn0036187	FBgn0037810	FBgn0039464
FBgn0000395	FBgn0010770	FBgn0024245	FBgn0028500	FBgn0031456	FBgn0033352	FBgn0034849	FBgn0036207	FBgn0037852	FBgn0039555
FBgn0000426	FBgn0010772	FBgn0024277	FBgn0028504	FBgn0031497	FBgn0033354	FBgn0034858	FBgn0036237	FBgn0037882	FBgn0039558
FBgn0000455	FBgn0010786	FBgn0024285	FBgn0028506	FBgn0031500	FBgn0033357	FBgn0034909	FBgn0036254	FBgn0037891	FBgn0039600
FBgn0000559	FBgn0010803	FBgn0024329	FBgn0028509	FBgn0031516	FBgn0033376	FBgn0034915	FBgn0036257	FBgn0037899	FBgn0039627
FBgn0000560	FBgn0010926	FBgn0024330	FBgn0028527	FBgn0031540	FBgn0033379	FBgn0034918	FBgn0036258	FBgn0037901	FBgn0039632
FBgn0000566	FBgn0011204	FBgn0024556	FBgn0028530	FBgn0031597	FBgn0033395	FBgn0034936	FBgn0036301	FBgn0037926	FBgn0039636
FBgn0000579	FBgn0011361	FBgn0024698	FBgn0028538	FBgn0031603	FBgn0033428	FBgn0034938	FBgn0036309	FBgn0037933	FBgn0039654
FBgn0000635	FBgn0011591	FBgn0024806	FBgn0028550	FBgn0031639	FBgn0033454	FBgn0034940	FBgn0036318	FBgn0037955	FBgn0039726
FBgn0001087	FBgn0011638	FBgn0024958	FBgn0028577	FBgn0031643	FBgn0033460	FBgn0034948	FBgn0036324	FBgn0037958	FBgn0039727
FBgn0001092	FBgn0011708	FBgn0024983	FBgn0028647	FBgn0031651	FBgn0033467	FBgn0034964	FBgn0036333	FBgn0037979	FBgn0039740
FBgn0001098	FBgn0011737	FBgn0024992	FBgn0028689	FBgn0031657	FBgn0033476	FBgn0035001	FBgn0036386	FBgn0037998	FBgn0039754
FBgn0001149	FBgn0011769	FBgn0025366	FBgn0028690	FBgn0031659	FBgn0033483	FBgn0035020	FBgn0036451	FBgn0038039	FBgn0039756
FBgn0001168	FBgn0011771	FBgn0025582	FBgn0028697	FBgn0031660	FBgn0033507	FBgn0035039	FBgn0036460	FBgn0038057	FBgn0039765
FBgn0001179	FBgn0011817	FBgn0025628	FBgn0028707	FBgn0031710	FBgn0033528	FBgn0035049	FBgn0036484	FBgn0038110	FBgn0039828
FBgn0001186	FBgn0012036	FBgn0025631	FBgn0028744	FBgn0031805	FBgn0033540	FBgn0035063	FBgn0036500	FBgn0038183	FBgn0039868
FBgn0001202	FBgn0013432	FBgn0025674	FBgn0028919	FBgn0031820	FBgn0033544	FBgn0035083	FBgn0036502	FBgn0038194	FBgn0039870
FBgn0001247	FBgn0013435	FBgn0025742	FBgn0028926	FBgn0031832	FBgn0033547	FBgn0035085	FBgn0036509	FBgn0038195	FBgn0039902
FBgn0001258	FBgn0013531	FBgn0025781	FBgn0028962	FBgn0031851	FBgn0033548	FBgn0035087	FBgn0036514	FBgn0038235	FBgn0039920
FBgn0001308	FBgn0013749	FBgn0025802	FBgn0028982	FBgn0031881	FBgn0033551	FBgn0035106	FBgn0036522	FBgn0038269	FBgn0039929
FBgn0001316	FBgn0013750	FBgn0025809	FBgn0028990	FBgn0031885	FBgn0033556	FBgn0035121	FBgn0036570	FBgn0038271	FBgn0039993
FBgn0001324	FBgn0013756	FBgn0025830	FBgn0029006	FBgn0031893	FBgn0033557	FBgn0035131	FBgn0036571	FBgn0038272	FBgn0040011
FBgn0001341	FBgn0013762	FBgn0025832	FBgn0029114	FBgn0031904	FBgn0033571	FBgn0035137	FBgn0036579	FBgn0038275	FBgn0040022
FBgn0001565	FBgn0014007	FBgn0026015	FBgn0029117	FBgn0031914	FBgn0033592	FBgn0035142	FBgn0036614	FBgn0038294	FBgn0040064
FBgn0001983	FBgn0014010	FBgn0026084	FBgn0029133	FBgn0031951	FBgn0033638	FBgn0035165	FBgn0036623	FBgn0038344	FBgn0040228
FBgn0002031	FBgn0014011	FBgn0026088	FBgn0029664	FBgn0031969	FBgn0033652	FBgn0035173	FBgn0036627	FBgn0038369	FBgn0040236
FBgn0002413	FBgn0014075	FBgn0026089	FBgn0029668	FBgn0032004	FBgn0033661	FBgn0035189	FBgn0036668	FBgn0038376	FBgn0040271
FBgn0002441	FBgn0014366	FBgn0026147	FBgn0029689	FBgn0032016	FBgn0033672	FBgn0035203	FBgn0036684	FBgn0038389	FBgn0040294
FBgn0002566	FBgn0014427	FBgn0026149	FBgn0029706	FBgn0032026	FBgn0033688	FBgn0035205	FBgn0036686	FBgn0038426	FBgn0040389
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FBgn0002780	FBgn0015229	FBgn0026250	FBgn0029804	FBgn0032138	FBgn0033741	FBgn0035334	FBgn0036811	FBgn0038473	FBgn0041588
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FBgn0003008	FBgn0015268	FBgn0026262	FBgn0029885	FBgn0032208	FBgn0033766	FBgn0035393	FBgn0036828	FBgn0038491	FBgn0041627
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FBgn0003189	FBgn0015279	FBgn0026373	FBgn0029959	FBgn0032222	FBgn0033808	FBgn0035420	FBgn0036838	FBgn0038585	FBgn0041789
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FBgn0003366	FBgn0015765	FBgn0026666	FBgn0030092	FBgn0032261	FBgn0033924	FBgn0035588	FBgn0036922	FBgn0038746	FBgn0044452
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FBgn0003559	FBgn0015794	FBgn0026757	FBgn0030177	FBgn0032321	FBgn0033989	FBgn0035591	FBgn0037011	FBgn0038853	FBgn0050000
FBgn0003656	FBgn0015795	FBgn0026787	FBgn0030183	FBgn0032395	FBgn0033995	FBgn0035603	FBgn0037012	FBgn0038854	FBgn0050022
FBgn0003716	FBgn0015797	FBgn0026869	FBgn0030291	FBgn0032397	FBgn0034001	FBgn0035630	FBgn0037019	FBgn0038857	FBgn0050035
FBgn0003891	FBgn0015829	FBgn0027055	FBgn0030321	FBgn0032398	FBgn0034027	FBgn0035656	FBgn0037071	FBgn0038858	FBgn0050159
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FBgn0004390	FBgn0016726	FBgn0027082	FBgn0030588	FBgn0032620	FBgn0034110	FBgn0035727	FBgn0037231	FBgn0038953	FBgn0050410
FBgn0004404	FBgn0016797	FBgn0027086	FBgn0030603	FBgn0032634	FBgn0034113	FBgn0035754	FBgn0037232	FBgn0038964	FBgn0050423
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FBgn0004876	FBgn0020236	FBgn0027091	FBgn0030658	FBgn0032699	FBgn0034191	FBgn0035805	FBgn0037382	FBgn0039043	FBgn0051111
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FBgn0005632	FBgn0021979	FBgn0027554	FBgn0030894	FBgn0032923	FBgn0034392	FBgn0035996	FBgn0037561	FBgn0039175	FBgn0051759
FBgn0005640	FBgn0021995	FBgn0027568	FBgn0030923	FBgn0032925	FBgn0034400	FBgn0036000	FBgn0037580	FBgn0039205	FBgn0051852
FBgn0005672	FBgn0022029	FBgn0027569	FBgn0030969	FBgn0032956	FBgn0034401	FBgn0036007	FBgn0037603	FBgn0039207	FBgn0052039
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FBgn0005777	FBgn0022238	FBgn0027594	FBgn0031051	FBgn0032988	FBgn0034447	FBgn0036030	FBgn0037609	FBgn0039252	FBgn0052075
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FBgn0052423	FBgn0261984	FBgn0026160	FBgn0040079
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FBgn0052533	FBgn0262117	FBgn0029879	FBgn0040256
FBgn0052594	FBgn0262125	FBgn0029896	FBgn0040259
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FBgn0061469	FBgn0262954	FBgn0034501	FBgn0063491
FBgn0061476	FBgn0262955	FBgn0034734	FBgn0085249
FBgn0063492	FBgn0263110	FBgn0034903	FBgn0085407
FBgn0063493	FBgn0263120	FBgn0035023	FBgn0263116
FBgn0064225	FBgn0263200	FBgn0035470	FBgn0264699
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FBgn0085376	FBgn0263599	FBgn0039257	
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FBgn0086130	FBgn0263740	FBgn0039858	
FBgn0086251	FBgn0263929	FBgn0040299	
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FBgn0086371	FBgn0264006	FBgn0043841	
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FBgn0086472	FBgn0264751	FBgn0062978	
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FBgn0086687	FBgn0265003	FBgn0086906	
FBgn0086706	FBgn0265187	FBgn0243512	
FBgn0086710	FBgn0265413	FBgn0250753	
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FBgn0086912	FBgn0266019	FBgn0259938	
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FBgn0250785	FBgn0266268	FBgn0263219	
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FBgn0259170	FBgn0266581	FBgn0267796	
FBgn0259481	FBgn0266668	FBgn0285963	
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FBgn0259742	FBgn0266674	FBgn0002576	
FBgn0259821	FBgn0266696	FBgn0002645	
FBgn0259832	FBgn0266717	FBgn0002783	
FBgn0259937	FBgn0266722	FBgn0002930	
FBgn0259984	FBgn0266723	FBgn0003285	
FBgn0260012	FBgn0267350	FBgn0003751	
FBgn0260442	FBgn0267385	FBgn0005626	
FBgn0260456	FBgn0267976	FBgn0019990	
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FBgn0260755	FBgn0283472	FBgn0030438	
FBgn0260855	FBgn0283473	FBgn0030693	
FBgn0260857	FBgn0283510	FBgn0030882	
FBgn0260965	FBgn0283659	FBgn0030960	
FBgn0260990	FBgn0283680	FBgn0030983	
FBgn0261020	FBgn0283681	FBgn0031227	
FBgn0261049	FBgn0283724	FBgn0031728	
FBgn0261068	FBgn0283741	FBgn0031857	
FBgn0261258	FBgn0284245	FBgn0031888	
FBgn0261274	FBgn0284246	FBgn0032139	
FBgn0261276	FBgn0284248	FBgn0032258	
FBgn0261285	FBgn0284252	FBgn0032259	
FBgn0261286	FBgn0285911	FBgn0032645	
FBgn0261380	FBgn0285954	FBgn0032969	
FBgn0261444	FBgn0285955	FBgn0033190	
FBgn0261530	FBgn0285962	FBgn0033696	
FBgn0261535	FBgn0286075	FBgn0033697	
FBgn0261550	FBgn0286786	FBgn0033725	
FBgn0261554	FBgn0286813	FBgn0033888	
FBgn0261560	FBgn0286898	FBgn0035281	
FBgn0261565	FBgn0287225	FBgn0035383	
FBgn0261574	FBgn0287478	FBgn0036018	
FBgn0261596	FBgn0287631	FBgn0036512	
FBgn0261599	FBgn0287774	FBgn0036597	
FBgn0261602	FBgn0288310	FBgn0036665	
FBgn0261800	FBgn0000326	FBgn0036970	
FBgn0261931	FBgn0002069	FBgn0038660	
FBgn0261933	FBgn0003507	FBgn0038680	
FBgn0261934	FBgn0017581	FBgn0039494	

Appendix Table S3. Genes upregulated in Lint-O KD

FBgn0000046	FBgn0014930	FBgn0029911	FBgn0031844	FBgn0033453	FBgn0035959	FBgn0038038	FBgn0041205	FBgn0058298	FBgn0263258
FBgn0000053	FBgn0014931	FBgn0029924	FBgn0031874	FBgn0033468	FBgn0035968	FBgn0038042	FBgn0041706	FBgn0062413	FBgn0263355
FBgn0000084	FBgn0015520	FBgn0029970	FBgn0031886	FBgn0033555	FBgn0036004	FBgn0038045	FBgn0042178	FBgn0065032	FBgn0263395
FBgn0000108	FBgn0015558	FBgn0029974	FBgn0031896	FBgn0033584	FBgn0036106	FBgn0038053	FBgn0043792	FBgn0083956	FBgn0263601
FBgn0000158	FBgn0015801	FBgn0029975	FBgn0031905	FBgn0033627	FBgn0036121	FBgn0038105	FBgn0043884	FBgn0083962	FBgn0263974
FBgn0000246	FBgn0015924	FBgn0029977	FBgn0031910	FBgn0033683	FBgn0036133	FBgn0038191	FBgn0045064	FBgn0085223	FBgn0264089
FBgn0000299	FBgn0015926	FBgn0030011	FBgn0031952	FBgn0033686	FBgn0036144	FBgn0038250	FBgn0046258	FBgn0085317	FBgn0264305
FBgn0000317	FBgn0016036	FBgn0030099	FBgn0031968	FBgn0033715	FBgn0036147	FBgn0038252	FBgn0046763	FBgn0085425	FBgn0264324
FBgn0000346	FBgn0016075	FBgn0030114	FBgn0031975	FBgn0033748	FBgn0036206	FBgn0038273	FBgn0046878	FBgn0085428	FBgn0264326
FBgn0000414	FBgn0016122	FBgn0030189	FBgn0031986	FBgn0033749	FBgn0036271	FBgn0038277	FBgn0050015	FBgn0085438	FBgn0264832
FBgn0000422	FBgn0017577	FBgn0030207	FBgn0031998	FBgn0033767	FBgn0036272	FBgn0038299	FBgn0050016	FBgn0085440	FBgn0264897
FBgn0000533	FBgn0019985	FBgn0030245	FBgn0032006	FBgn0033785	FBgn0036279	FBgn0038311	FBgn0050069	FBgn0085446	FBgn0264953
FBgn0000557	FBgn0020257	FBgn0030266	FBgn0032013	FBgn0033799	FBgn0036330	FBgn0038312	FBgn0050085	FBgn0086254	FBgn0265182
FBgn0000615	FBgn0020312	FBgn0030274	FBgn0032029	FBgn0033807	FBgn0036368	FBgn0038318	FBgn0050091	FBgn0086690	FBgn0265262
FBgn0000644	FBgn0020372	FBgn0030290	FBgn0032078	FBgn0033814	FBgn0036374	FBgn0038349	FBgn0050195	FBgn0086691	FBgn0265523
FBgn0000996	FBgn0020385	FBgn0030347	FBgn0032079	FBgn0033876	FBgn0036381	FBgn0038419	FBgn0050296	FBgn0086898	FBgn0265575
FBgn0001120	FBgn0020389	FBgn0030357	FBgn0032117	FBgn0033913	FBgn0036405	FBgn0038431	FBgn0050344	FBgn0086909	FBgn0265725
FBgn0001222	FBgn0020513	FBgn0030362	FBgn0032120	FBgn0033921	FBgn0036503	FBgn0038463	FBgn0050380	FBgn0087002	FBgn0266083
FBgn0001224	FBgn0021776	FBgn0030396	FBgn0032123	FBgn0033960	FBgn0036612	FBgn0038465	FBgn0050383	FBgn0087035	FBgn0266101
FBgn0001225	FBgn0022160	FBgn0030412	FBgn0032161	FBgn0033987	FBgn0036622	FBgn0038490	FBgn0050403	FBgn0250788	FBgn0266418
FBgn0001226	FBgn0022702	FBgn0030432	FBgn0032167	FBgn0034013	FBgn0036640	FBgn0038540	FBgn0050414	FBgn0250789	FBgn0266421
FBgn0001229	FBgn0022768	FBgn0030457	FBgn0032192	FBgn0034067	FBgn0036652	FBgn0038550	FBgn0050424	FBgn0250848	FBgn0266521
FBgn0001230	FBgn0022774	FBgn0030478	FBgn0032211	FBgn0034075	FBgn0036663	FBgn0038575	FBgn0050438	FBgn0259140	FBgn0266557
FBgn0001248	FBgn0022981	FBgn0030484	FBgn0032213	FBgn0034095	FBgn0036689	FBgn0038581	FBgn0050440	FBgn0259173	FBgn0266717
FBgn0001311	FBgn0023023	FBgn0030508	FBgn0032219	FBgn0034106	FBgn0036698	FBgn0038612	FBgn0050441	FBgn0259185	FBgn0266719
FBgn0002431	FBgn0023094	FBgn0030510	FBgn0032221	FBgn0034117	FBgn0036764	FBgn0038652	FBgn0050466	FBgn0259195	FBgn0267002
FBgn0002441	FBgn0023172	FBgn0030521	FBgn0032228	FBgn0034162	FBgn0036773	FBgn0038680	FBgn0050484	FBgn0259224	FBgn0267339
FBgn0002526	FBgn0023458	FBgn0030545	FBgn0032233	FBgn0034179	FBgn0036801	FBgn0038691	FBgn0051002	FBgn0259226	FBgn0267348
FBgn0002567	FBgn0023537	FBgn0030551	FBgn0032249	FBgn0034187	FBgn0036810	FBgn0038814	FBgn0051021	FBgn0259238	FBgn0267792
FBgn0002773	FBgn0023540	FBgn0030597	FBgn0032294	FBgn0034199	FBgn0036813	FBgn0038815	FBgn0051053	FBgn0259242	FBgn0267828
FBgn0002878	FBgn0024150	FBgn0030600	FBgn0032364	FBgn0034221	FBgn0036824	FBgn0038830	FBgn0051072	FBgn0259683	FBgn0267967
FBgn0002937	FBgn0024177	FBgn0030629	FBgn0032402	FBgn0034255	FBgn0036849	FBgn0038912	FBgn0051075	FBgn0259685	FBgn0283427
FBgn0002962	FBgn0024320	FBgn0030647	FBgn0032428	FBgn0034300	FBgn0036896	FBgn0038916	FBgn0051125	FBgn0259734	FBgn0283440
FBgn0003048	FBgn0024366	FBgn0030660	FBgn0032447	FBgn0034371	FBgn0036927	FBgn0038966	FBgn0051140	FBgn0259735	FBgn0283442
FBgn0003114	FBgn0024836	FBgn0030674	FBgn0032452	FBgn0034420	FBgn0036942	FBgn0038978	FBgn0051141	FBgn0259740	FBgn0283509
FBgn0003187	FBgn0024841	FBgn0030683	FBgn0032456	FBgn0034545	FBgn0036956	FBgn0039002	FBgn0051217	FBgn0259791	FBgn0283545
FBgn0003218	FBgn0024913	FBgn0030706	FBgn0032475	FBgn0034500	FBgn0036969	FBgn0039044	FBgn0051248	FBgn0259992	FBgn0284408
FBgn0003250	FBgn0024984	FBgn0030716	FBgn0032519	FBgn0034592	FBgn0036980	FBgn0039075	FBgn0051321	FBgn0260388	FBgn0284442
FBgn0003292	FBgn0025382	FBgn0030723	FBgn0032520	FBgn0034606	FBgn0036984	FBgn0039114	FBgn0051344	FBgn0260442	FBgn0286222
FBgn0003301	FBgn0025641	FBgn0030742	FBgn0032598	FBgn0034628	FBgn0037023	FBgn0039129	FBgn0051373	FBgn0260766	FBgn0286785
FBgn0003353	FBgn0025686	FBgn0030790	FBgn0032662	FBgn0034684	FBgn0037046	FBgn0039180	FBgn0051431	FBgn0260779	FBgn0287186
FBgn0003390	FBgn0025837	FBgn0030793	FBgn0032680	FBgn0034718	FBgn0037050	FBgn0039251	FBgn0051516	FBgn0260794	FBgn0287695
FBgn0003391	FBgn0025885	FBgn0030816	FBgn0032713	FBgn0034725	FBgn0037063	FBgn0039265	FBgn0051619	FBgn0260795	FBgn0287725
FBgn0003462	FBgn0026059	FBgn0030841	FBgn0032727	FBgn0034733	FBgn0037086	FBgn0039272	FBgn0051636	FBgn0260932	FBgn0287873
FBgn0003527	FBgn0026148	FBgn0030847	FBgn0032752	FBgn0034753	FBgn0037092	FBgn0039277	FBgn0051656	FBgn0260933	FBgn0000075
FBgn0003655	FBgn0026176	FBgn0030876	FBgn0032779	FBgn0034797	FBgn0037107	FBgn0039356	FBgn0051658	FBgn0260970	FBgn0000927
FBgn0003733	FBgn0026239	FBgn0030937	FBgn0032788	FBgn0034804	FBgn0037142	FBgn0039507	FBgn0051674	FBgn0261041	FBgn0002778
FBgn0003950	FBgn0026263	FBgn0030955	FBgn0032798	FBgn0034816	FBgn0037183	FBgn0039564	FBgn0051718	FBgn0261086	FBgn0003028
FBgn0004167	FBgn0026374	FBgn0030968	FBgn0032800	FBgn0034850	FBgn0037234	FBgn0039622	FBgn0051720	FBgn0261243	FBgn0003046
FBgn0004360	FBgn0026874	FBgn0030994	FBgn0032813	FBgn0034880	FBgn0037239	FBgn0039640	FBgn0051789	FBgn0261260	FBgn0003149
FBgn0004400	FBgn0027280	FBgn0031053	FBgn0032815	FBgn0034935	FBgn0037254	FBgn0039644	FBgn0051989	FBgn0261261	FBgn0003162
FBgn0004432	FBgn0027491	FBgn0031091	FBgn0032817	FBgn0034950	FBgn0037296	FBgn0039666	FBgn0051999	FBgn0261262	FBgn0003174
FBgn0004449	FBgn0027500	FBgn0031097	FBgn0032820	FBgn0034988	FBgn0037315	FBgn0039688	FBgn0052068	FBgn0261363	FBgn0003396
FBgn0004581	FBgn0027552	FBgn0031104	FBgn0032821	FBgn0035035	FBgn0037338	FBgn0039702	FBgn0052088	FBgn0261397	FBgn0003447
FBgn0004611	FBgn0027560	FBgn0031116	FBgn0032864	FBgn0035073	FBgn0037354	FBgn0039714	FBgn0052177	FBgn0261445	FBgn0004047
FBgn0004647	FBgn0027570	FBgn0031117	FBgn0032881	FBgn0035113	FBgn0037364	FBgn0039752	FBgn0052195	FBgn0261547	FBgn0010222
FBgn0004650	FBgn0027580	FBgn0031161	FBgn0032884	FBgn0035151	FBgn0037436	FBgn0039755	FBgn0052280	FBgn0261574	FBgn0010263
FBgn0004882	FBgn0027600	FBgn0031170	FBgn0032889	FBgn0035167	FBgn0037465	FBgn0039774	FBgn0052313	FBgn0261617	FBgn0013767
FBgn0004885	FBgn0028379	FBgn0031171	FBgn0032907	FBgn0035169	FBgn0037513	FBgn0039827	FBgn0052365	FBgn0261671	FBgn0014018
FBgn0005558	FBgn0028408	FBgn0031191	FBgn0032955	FBgn0035265	FBgn0037562	FBgn0039863	FBgn0052368	FBgn0261794	FBgn0015569
FBgn0005631	FBgn0028525	FBgn0031228	FBgn0032957	FBgn0035287	FBgn0037579	FBgn0039883	FBgn0052373	FBgn0261797	FBgn0016977
FBgn0005633	FBgn0028540	FBgn0031232	FBgn0032986	FBgn0035308	FBgn0037581	FBgn0039896	FBgn0052436	FBgn0261802	FBgn0024189
FBgn0005660	FBgn0028546	FBgn0031239	FBgn0033020	FBgn0035321	FBgn0037623	FBgn0039900	FBgn0052451	FBgn0261836	FBgn0025616
FBgn0010014	FBgn0028563	FBgn0031245	FBgn0033031	FBgn0035356	FBgn0037654	FBgn0039908	FBgn0052457	FBgn0261955	FBgn0025702
FBgn0010051	FBgn0028579	FBgn0031254	FBgn0033033	FBgn0035407	FBgn0037664	FBgn0039916	FBgn0052476	FBgn0261985	FBgn0025878
FBgn0010097	FBgn0028670	FBgn0031263	FBgn0033048	FBgn0035410	FBgn0037669	FBgn0040009	FBgn0052483	FBgn0261987	FBgn0026061
FBgn0010226	FBgn0028671	FBgn0031264	FBgn0033101	FBgn0035445	FBgn0037690	FBgn0040102	FBgn0052485	FBgn0262101	FBgn0026439
FBgn0010246	FBgn0028916	FBgn0031313	FBgn0033159	FBgn0035452	FBgn0037721	FBgn0040212	FBgn0052506	FBgn0262123	FBgn0026721
FBgn0010317	FBgn0028983	FBgn0031315	FBgn0033174	FBgn0035477	FBgn0037736	FBgn0040308	FBgn0052557	FBgn0262364	FBgn0027111
FBgn0010406	FBgn0028984	FBgn0031317	FBgn0033177	FBgn0035515	FBgn0037747	FBgn0040321	FBgn0052579	FBgn0262562	FBgn0027596
FBgn0010407	FBgn0028996	FBgn0031384	FBgn0033188	FBgn0035521	FBgn0037749	FBgn0040322	FBgn0052625	FBgn0262563	FBgn0027616
FBgn0010482	FBgn0029105	FBgn0031413	FBgn0033199	FBgn0035619	FBgn0037754	FBgn0040482	FBgn0052626	FBgn0262599	FBgn0028491
FBgn0011206	FBgn0029131	FBgn0031451	FBgn0033204	FBgn0035575	FBgn0037759	FBgn0040333	FBgn0052706	FBgn0262614	FBgn0028899
FBgn0011230	FBgn0029147	FBgn0031489	FBgn0033214	FBgn0035578	FBgn0037841	FBgn0040348	FBgn0053017	FBgn0262686	FBgn0028979
FBgn0011286	FBgn0029507	FBgn0031490	FBgn0033215	FBgn0035587	FBgn0037844	FBgn0040382	FBgn0053087	FBgn0262719	FBgn0030001
FBgn0011293	FBgn0029514	FBgn0031520	FBgn0033261	FBgn0035623	FBgn0037846	FBgn0040384	FBgn0053108	FBgn0262738	FBgn0030085
FBgn0011606	FBgn0029573	FBgn0031609	FBgn0033274	FBgn0035677	FBgn0037849	FBgn0040465	FBgn0053156	FBgn0262782	FBgn0030367
FBgn0011704	FBgn0029685	FBgn0031630	FBgn0033312	FBgn0035724	FBgn0037853	FBgn0040491	FBgn0053289	FBgn0262820	FBgn0030890
FBgn0011705	FBgn0029694	FBgn0031636	FBgn0033373	FBgn0035751	FBgn0037885	FBgn0040507	FBgn0053469	FBgn0262985	FBgn0030993
FBgn0012037	FBgn0029708	FBgn0031637	FBgn0033374	FBgn0035761	FBgn0037896	FBgn0040524	FBgn0053494	FBgn0263022	FBgn0030998
FBgn0013733	FBgn0029712	FBgn0031646	FBgn0033381	FBgn0035770	FBgn0037921	FBgn0040551	FBgn0053558	FBgn0263023	FBgn0031195
FBgn0013763	FBgn0029723	FBgn0031677	FBgn0033388	FBgn0035847	FBgn0037944	FBgn0040670	FBgn0053653	FBgn0263029	FBgn0031240
FBgn0013773	FBgn0029754	FBgn0031717	FBgn0033431	FBgn0035896	FBgn0037950	FBgn0040752	FBgn0053679	FBgn0263076	FBgn0031414
FBgn0013810	FBgn0029765	FBgn0031740	FBgn0033438	FBgn0035907	FBgn0037972	FBgn0040759	FBgn0053792	FBgn0263143	FBgn0031634
FBgn0013981	FBgn0029830	FBgn0031762	FBgn0033446	FBgn0035943	FBgn0037999	FBgn0040823	FBgn0053926	FBgn0263232	FBgn0031961
FBgn0014031	FBgn0029834	FBgn0031814	FBgn0033448	FBgn0035957	FBgn0038037	FBgn0041102	FBgn0054012	FBgn0263234	FBgn0032010
FBgn0014342	FBgn0029892	FBgn0031829	FBgn0033451			FBgn0041180	FBgn0058006	FBgn0263240	

FBgn0032040	FBgn0259108	FBgn0031887	FBgn0038260
FBgn0032055	FBgn0259216	FBgn0031920	FBgn0038261
FBgn0032218	FBgn0260874	FBgn0031974	FBgn0038315
FBgn0032345	FBgn0261016	FBgn0032003	FBgn0038407
FBgn0032726	FBgn0261859	FBgn0032082	FBgn0038435
FBgn0032749	FBgn0261996	FBgn0032178	FBgn0038492
FBgn0033096	FBgn0262057	FBgn0032225	FBgn0038530
FBgn0033110	FBgn0262477	FBgn0032252	FBgn0038761
FBgn0033203	FBgn0262509	FBgn0032253	FBgn0038957
FBgn0033222	FBgn0262531	FBgn0032262	FBgn0039006
FBgn0033246	FBgn0262867	FBgn0032374	FBgn0039124
FBgn0033657	FBgn0262871	FBgn0032375	FBgn0039282
FBgn0033904	FBgn0263111	FBgn0032422	FBgn0039294
FBgn0033963	FBgn0263219	FBgn0032601	FBgn0039321
FBgn0034052	FBgn0264815	FBgn0032683	FBgn0039504
FBgn0034094	FBgn0264895	FBgn0032774	FBgn0039629
FBgn0034247	FBgn0265045	FBgn0032783	FBgn0039655
FBgn0034489	FBgn0265052	FBgn0032803	FBgn0039678
FBgn0034497	FBgn0265274	FBgn0032900	FBgn0039818
FBgn0034706	FBgn0266129	FBgn0032972	FBgn0039911
FBgn0034943	FBgn0266709	FBgn0032973	FBgn0039915
FBgn0034966	FBgn0284435	FBgn0033051	FBgn0039927
FBgn0034974	FBgn0000146	FBgn0033079	FBgn0040370
FBgn0034985	FBgn0000153	FBgn0033113	FBgn0041233
FBgn0035034	FBgn0001259	FBgn0033115	FBgn0041710
FBgn0035094	FBgn0001296	FBgn0033221	FBgn0042696
FBgn0035103	FBgn0001991	FBgn0033234	FBgn0043043
FBgn0035234	FBgn0003137	FBgn0033268	FBgn0043575
FBgn0035264	FBgn0003308	FBgn0033387	FBgn0043806
FBgn0035505	FBgn0003475	FBgn0033658	FBgn0045980
FBgn0035612	FBgn0003486	FBgn0033659	FBgn0050345
FBgn0035903	FBgn0003886	FBgn0033753	FBgn0050485
FBgn0036195	FBgn0003890	FBgn0033763	FBgn0051017
FBgn0036282	FBgn0004118	FBgn0033875	FBgn0051370
FBgn0036479	FBgn0004512	FBgn0033917	FBgn0051436
FBgn0036568	FBgn0005427	FBgn0034047	FBgn0051463
FBgn0036727	FBgn0005666	FBgn0034279	FBgn0051464
FBgn0036806	FBgn0010241	FBgn0034413	FBgn0051997
FBgn0036875	FBgn0010258	FBgn0034530	FBgn0052006
FBgn0036978	FBgn0010473	FBgn0034538	FBgn0052037
FBgn0036993	FBgn0011296	FBgn0034602	FBgn0052073
FBgn0037276	FBgn0011722	FBgn0034662	FBgn0052702
FBgn0037618	FBgn0011828	FBgn0034789	FBgn0052783
FBgn0037714	FBgn0013348	FBgn0034928	FBgn0053481
FBgn0037717	FBgn0013813	FBgn0034956	FBgn0053775
FBgn0037750	FBgn0014000	FBgn0034957	FBgn0058470
FBgn0037751	FBgn0014395	FBgn0034972	FBgn0065110
FBgn0037916	FBgn0014396	FBgn0035056	FBgn0069969
FBgn0038076	FBgn0014417	FBgn0035104	FBgn0085245
FBgn0038079	FBgn0015032	FBgn0035286	FBgn0085298
FBgn0038290	FBgn0015519	FBgn0035317	FBgn0085483
FBgn0038330	FBgn0020379	FBgn0035412	FBgn0087040
FBgn0038602	FBgn0022709	FBgn0035434	FBgn0250819
FBgn0038740	FBgn0023416	FBgn0035571	FBgn0250904
FBgn0039201	FBgn0023495	FBgn0035880	FBgn0250907
FBgn0039415	FBgn0024732	FBgn0035904	FBgn0259977
FBgn0039500	FBgn0026144	FBgn0035985	FBgn0260430
FBgn0039594	FBgn0026562	FBgn0036040	FBgn0260658
FBgn0039651	FBgn0026593	FBgn0036131	FBgn0260866
FBgn0039789	FBgn0027070	FBgn0036168	FBgn0261341
FBgn0039886	FBgn0027073	FBgn0036208	FBgn0261393
FBgn0039897	FBgn0027521	FBgn0036454	FBgn0261561
FBgn0039932	FBgn0027550	FBgn0036547	FBgn0262035
FBgn0040091	FBgn0028988	FBgn0036575	FBgn0262794
FBgn0040096	FBgn0029091	FBgn0036687	FBgn0264443
FBgn0040372	FBgn0029710	FBgn0036738	FBgn0264894
FBgn0041234	FBgn0029856	FBgn0036752	FBgn0265048
FBgn0041723	FBgn0029986	FBgn0036765	FBgn0265137
FBgn0042133	FBgn0029987	FBgn0036890	FBgn0265417
FBgn0050502	FBgn0030028	FBgn0036891	FBgn0265767
FBgn0051161	FBgn0030244	FBgn0036910	FBgn0266534
FBgn0051202	FBgn0030310	FBgn0037028	FBgn0266566
FBgn0051231	FBgn0030590	FBgn0037060	FBgn0267408
FBgn0051279	FBgn0030653	FBgn0037222	FBgn0285896
FBgn0051706	FBgn0030691	FBgn0037225	FBgn0287209
FBgn0052036	FBgn0030748	FBgn0037304	
FBgn0053099	FBgn0030859	FBgn0037347	
FBgn0053257	FBgn0031004	FBgn0037375	
FBgn0053468	FBgn0031018	FBgn0037563	
FBgn0053519	FBgn0031157	FBgn0037659	
FBgn0061356	FBgn0031184	FBgn0037807	
FBgn0083960	FBgn0031255	FBgn0037835	
FBgn0085384	FBgn0031343	FBgn0037915	
FBgn0085421	FBgn0031515	FBgn0037934	
FBgn0085431	FBgn0031548	FBgn0037973	
FBgn0085434	FBgn0031715	FBgn0037974	
FBgn0086906	FBgn0031716	FBgn0037975	
FBgn0250816	FBgn0031737	FBgn0038017	
FBgn0250869	FBgn0031869	FBgn0038067	

Appendix Table S3. Genes downregulated in Lint-O KD

FBgn0000116	FBgn0011726	FBgn0026666	FBgn0031651	FBgn0034447	FBgn0036686	FBgn0039419	FBgn0261380	FBgn0030983
FBgn0000181	FBgn0011737	FBgn0027055	FBgn0031660	FBgn0034451	FBgn0036702	FBgn0039488	FBgn0261535	FBgn0031227
FBgn0000250	FBgn0011762	FBgn0027057	FBgn0031673	FBgn0034494	FBgn0036734	FBgn0039602	FBgn0261560	FBgn0031805
FBgn0000253	FBgn0013269	FBgn0027079	FBgn0031710	FBgn0034528	FBgn0036754	FBgn0039626	FBgn0261565	FBgn0031857
FBgn0000261	FBgn0013432	FBgn0027081	FBgn0031736	FBgn0034534	FBgn0036805	FBgn0039636	FBgn0261596	FBgn0031888
FBgn0000326	FBgn0014020	FBgn0027082	FBgn0031832	FBgn0034579	FBgn0036828	FBgn0039654	FBgn0261599	FBgn0033592
FBgn0000370	FBgn0014028	FBgn0027086	FBgn0031851	FBgn0034617	FBgn0036838	FBgn0039735	FBgn0261822	FBgn0033725
FBgn0000395	FBgn0014163	FBgn0027088	FBgn0031881	FBgn0034631	FBgn0036886	FBgn0039740	FBgn0261931	FBgn0035158
FBgn0000412	FBgn0014366	FBgn0027090	FBgn0031902	FBgn0034703	FBgn0036892	FBgn0039765	FBgn0261933	FBgn0035189
FBgn0000426	FBgn0014411	FBgn0027091	FBgn0031992	FBgn0034724	FBgn0036916	FBgn0039828	FBgn0261984	FBgn0035281
FBgn0000560	FBgn0014877	FBgn0027094	FBgn0032016	FBgn0034741	FBgn0036973	FBgn0039868	FBgn0262081	FBgn0035727
FBgn0000579	FBgn0015000	FBgn0027330	FBgn0032034	FBgn0034792	FBgn0037011	FBgn0039909	FBgn0262169	FBgn0036597
FBgn0001092	FBgn0015024	FBgn0027554	FBgn0032050	FBgn0034802	FBgn0037012	FBgn0039929	FBgn0262527	FBgn0037672
FBgn0001139	FBgn0015218	FBgn0027556	FBgn0032051	FBgn0034858	FBgn0037019	FBgn0039993	FBgn0262601	FBgn0037941
FBgn0001149	FBgn0015221	FBgn0027587	FBgn0032101	FBgn0034877	FBgn0037051	FBgn0040064	FBgn0262732	FBgn0040256
FBgn0001168	FBgn0015222	FBgn0027599	FBgn0032138	FBgn0034914	FBgn0037073	FBgn0040066	FBgn0262734	FBgn0040259
FBgn0001186	FBgn0015229	FBgn0027619	FBgn0032198	FBgn0034915	FBgn0037081	FBgn0040075	FBgn0262736	FBgn0040609
FBgn0001202	FBgn0015245	FBgn0027785	FBgn0032217	FBgn0034918	FBgn0037102	FBgn0040271	FBgn0262954	FBgn0041087
FBgn0001215	FBgn0015268	FBgn0027836	FBgn0032222	FBgn0034925	FBgn0037137	FBgn0040309	FBgn0263133	FBgn0042173
FBgn0001218	FBgn0015288	FBgn0027932	FBgn0032229	FBgn0034982	FBgn0037248	FBgn0040319	FBgn0263200	FBgn0043841
FBgn0001220	FBgn0015527	FBgn0028331	FBgn0032236	FBgn0035020	FBgn0037293	FBgn0040389	FBgn0263396	FBgn0051547
FBgn0001247	FBgn0015754	FBgn0028341	FBgn0032248	FBgn0035027	FBgn0037382	FBgn0040394	FBgn0263510	FBgn0063491
FBgn0001258	FBgn0015765	FBgn0028429	FBgn0032258	FBgn0035039	FBgn0037391	FBgn0040529	FBgn0263594	FBgn0259243
FBgn0001301	FBgn0015776	FBgn0028473	FBgn0032261	FBgn0035063	FBgn0037487	FBgn0040985	FBgn0263605	FBgn0263118
FBgn0001316	FBgn0015778	FBgn0028504	FBgn0032296	FBgn0035085	FBgn0037489	FBgn0041147	FBgn0263740	FBgn0264907
FBgn0001341	FBgn0015790	FBgn0028527	FBgn0032321	FBgn0035121	FBgn0037543	FBgn0041184	FBgn0263773	
FBgn0001961	FBgn0015795	FBgn0028690	FBgn0032346	FBgn0035131	FBgn0037555	FBgn0041210	FBgn0263929	
FBgn0002031	FBgn0015797	FBgn0028744	FBgn0032397	FBgn0035137	FBgn0037561	FBgn0041604	FBgn0264006	
FBgn0002413	FBgn0015829	FBgn0028836	FBgn0032408	FBgn0035165	FBgn0037608	FBgn0041629	FBgn0264294	
FBgn0002576	FBgn0016041	FBgn0028919	FBgn0032476	FBgn0035173	FBgn0037637	FBgn0042693	FBgn0265003	
FBgn0002780	FBgn0016685	FBgn0028990	FBgn0032487	FBgn0035205	FBgn0037652	FBgn0042712	FBgn0265297	
FBgn0003206	FBgn0016694	FBgn0029117	FBgn0032512	FBgn0035213	FBgn0037710	FBgn0044323	FBgn0265574	
FBgn0003231	FBgn0016797	FBgn0029133	FBgn0032514	FBgn0035232	FBgn0037743	FBgn0046214	FBgn0265935	
FBgn0003257	FBgn0017578	FBgn0029664	FBgn0032586	FBgn0035295	FBgn0037773	FBgn0046685	FBgn0266284	
FBgn0003274	FBgn0019624	FBgn0029672	FBgn0032587	FBgn0035336	FBgn0037794	FBgn0050000	FBgn0266581	
FBgn0003278	FBgn0020238	FBgn0029689	FBgn0032620	FBgn0035337	FBgn0037852	FBgn0050035	FBgn0266668	
FBgn0003310	FBgn0020278	FBgn0029755	FBgn0032703	FBgn0035346	FBgn0037891	FBgn0050104	FBgn0266669	
FBgn0003360	FBgn0020388	FBgn0029766	FBgn0032728	FBgn0035357	FBgn0037899	FBgn0050159	FBgn0266673	
FBgn0003495	FBgn0020414	FBgn0029785	FBgn0032731	FBgn0035383	FBgn0037958	FBgn0050349	FBgn0266720	
FBgn0003512	FBgn0020440	FBgn0029878	FBgn0032799	FBgn0035393	FBgn0038020	FBgn0050476	FBgn0267347	
FBgn0003525	FBgn0020443	FBgn0029887	FBgn0032849	FBgn0035422	FBgn0038057	FBgn0050493	FBgn0267385	
FBgn0003660	FBgn0020445	FBgn0029894	FBgn0032859	FBgn0035425	FBgn0038146	FBgn0051111	FBgn0267975	
FBgn0003714	FBgn0020647	FBgn0030037	FBgn0032886	FBgn0035438	FBgn0038194	FBgn0051223	FBgn0283472	
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FBgn0004050	FBgn0022029	FBgn0030177	FBgn0032974	FBgn0035524	FBgn0038275	FBgn0052103	FBgn0284248	
FBgn0004177	FBgn0022069	FBgn0030208	FBgn0032981	FBgn0035541	FBgn0038294	FBgn0052176	FBgn0284251	
FBgn0004359	FBgn0022238	FBgn0030291	FBgn0032988	FBgn0035589	FBgn0038306	FBgn0052267	FBgn0284253	
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FBgn0004556	FBgn0022893	FBgn0030364	FBgn0033038	FBgn0035600	FBgn0038369	FBgn0052409	FBgn0286786	
FBgn0004635	FBgn0022959	FBgn0030479	FBgn0033226	FBgn0035603	FBgn0038400	FBgn0052418	FBgn0287225	
FBgn0004638	FBgn0022984	FBgn0030482	FBgn0033235	FBgn0035630	FBgn0038454	FBgn0052533	FBgn0288470	
FBgn0004657	FBgn0023000	FBgn0030569	FBgn0033260	FBgn0035656	FBgn0038455	FBgn0052649	FBgn0000308	
FBgn0004828	FBgn0023091	FBgn0030588	FBgn0033304	FBgn0035714	FBgn0038472	FBgn0052672	FBgn0002645	
FBgn0004901	FBgn0023177	FBgn0030598	FBgn0033379	FBgn0035760	FBgn0038473	FBgn0053100	FBgn0005775	
FBgn0004907	FBgn0023212	FBgn0030603	FBgn0033395	FBgn0035805	FBgn0038488	FBgn0053158	FBgn0014388	
FBgn0004926	FBgn0023214	FBgn0030605	FBgn0033428	FBgn0035853	FBgn0038519	FBgn0053180	FBgn0024183	
FBgn0005278	FBgn0023514	FBgn0030608	FBgn0033454	FBgn0035866	FBgn0038585	FBgn0053329	FBgn0026160	
FBgn0005616	FBgn0023519	FBgn0030672	FBgn0033483	FBgn0035877	FBgn0038593	FBgn0053542	FBgn0026319	
FBgn0005648	FBgn0023527	FBgn0030687	FBgn0033485	FBgn0035878	FBgn0038666	FBgn0062449	FBgn0028541	
FBgn0005672	FBgn0023542	FBgn0030692	FBgn0033507	FBgn0035901	FBgn0038678	FBgn0085339	FBgn0029896	
FBgn0010038	FBgn0024245	FBgn0030720	FBgn0033540	FBgn0036000	FBgn0038742	FBgn0086347	FBgn0030318	
FBgn0010173	FBgn0024321	FBgn0030752	FBgn0033544	FBgn0036018	FBgn0038746	FBgn0086443	FBgn0030870	
FBgn0010220	FBgn0024362	FBgn0030850	FBgn0033547	FBgn0036035	FBgn0038768	FBgn0086656	FBgn0032640	
FBgn0010235	FBgn0024364	FBgn0030853	FBgn0033548	FBgn0036038	FBgn0038787	FBgn0086711	FBgn0035023	
FBgn0010238	FBgn0024556	FBgn0030854	FBgn0033571	FBgn0036124	FBgn0038854	FBgn0086855	FBgn0035049	
FBgn0010278	FBgn0024993	FBgn0030863	FBgn0033649	FBgn0036126	FBgn0038869	FBgn0086904	FBgn0035101	
FBgn0010333	FBgn0025366	FBgn0030894	FBgn0033737	FBgn0036173	FBgn0038890	FBgn0086912	FBgn0035470	
FBgn0010340	FBgn0025394	FBgn0030904	FBgn0033741	FBgn0036187	FBgn0038893	FBgn0250785	FBgn0036316	
FBgn0010348	FBgn0025582	FBgn0030969	FBgn0033816	FBgn0036207	FBgn0038964	FBgn0259152	FBgn0039257	
FBgn0010389	FBgn0025608	FBgn0031040	FBgn0033907	FBgn0036237	FBgn0038989	FBgn0259481	FBgn0039829	
FBgn0010409	FBgn0025674	FBgn0031043	FBgn0033918	FBgn0036258	FBgn0039004	FBgn0259711	FBgn0039858	
FBgn0010504	FBgn0025781	FBgn0031047	FBgn0033989	FBgn0036333	FBgn0039109	FBgn0259742	FBgn0250753	
FBgn0010551	FBgn0025809	FBgn0031057	FBgn0034029	FBgn0036334	FBgn0039175	FBgn0259832	FBgn0263256	
FBgn0010611	FBgn0025830	FBgn0031114	FBgn0034049	FBgn0036500	FBgn0039205	FBgn0259878	FBgn0285963	
FBgn0010651	FBgn0025832	FBgn0031238	FBgn0034065	FBgn0036512	FBgn0039207	FBgn0259937	FBgn0286051	
FBgn0010770	FBgn0025879	FBgn0031281	FBgn0034086	FBgn0036514	FBgn0039223	FBgn0260407	FBgn0000037	
FBgn0010774	FBgn0026079	FBgn0031321	FBgn0034113	FBgn0036516	FBgn0039252	FBgn0260456	FBgn0002783	
FBgn0010786	FBgn0026084	FBgn0031392	FBgn0034118	FBgn0036522	FBgn0039259	FBgn0260632	FBgn0003285	
FBgn0010803	FBgn0026196	FBgn0031456	FBgn0034232	FBgn0036570	FBgn0039274	FBgn0260648	FBgn0004034	
FBgn0010808	FBgn0026250	FBgn0031493	FBgn0034243	FBgn0036580	FBgn0039303	FBgn0260755	FBgn0004436	
FBgn0010926	FBgn0026252	FBgn0031500	FBgn0034259	FBgn0036614	FBgn0039306	FBgn0260855	FBgn0015037	
FBgn0011204	FBgn0026317	FBgn0031540	FBgn0034345	FBgn0036627	FBgn0039350	FBgn0260936	FBgn0022349	
FBgn0011638	FBgn0026372	FBgn0031597	FBgn0034401	FBgn0036661	FBgn0039358	FBgn0261258	FBgn0029804	
	FBgn0026378	FBgn0031643	FBgn0034432	FBgn0036666	FBgn0039407	FBgn0261286	FBgn0030373	

Appendix table S4

Related to Figs 5-6 and Figs EV5. Experimental genotypes used in this study.

Fig 5B-5E	
yw	$y^1 w^{1118}$
Lint-O^{KO}	$y^1 w^{1118}$ *Lint-O^{KO}* / $y^1 w^{1118}$ *Lint-O^{KO}*
Fig 6A, 6B, 6D-6G	
yw	$y^1 w^{1118}$, $y^1 w^{1118}$ / Y
Lint-O^{KO}	$y^1 w^{1118}$ *Lint-O^{KO}* / $y^1 w^{1118}$ *Lint-O^{KO}*, $y^1 w^{1118}$ *Lint-O^{KO}* / Y
L(3)mbt^{ts1}	w^* ; + ; *L(3)mbt^{ts1}* / *L(3)mbt^{ts1}*, w^* / Y ; + ; *L(3)mbt^{ts1}* / *L(3)mbt^{ts1}*
Fig 6C	
Lint-O^{KO} –/+	$y^1 w^{1118}$ *Lint-O^{KO}* / *FM7 Kruppel>GFP*, *FM7 Kruppel>GFP* / *FM7 Kruppel>GFP*, *FM7 Kruppel>GFP* / Y
Lint-O^{KO} –/–	$y^1 w^{1118}$ *Lint-O^{KO}* / $y^1 w^{1118}$ *Lint-O^{KO}*, $y^1 w^{1118}$ *Lint-O^{KO}* / Y
L(3)mbt^{ts1} –/–	w^* ; + ; *L(3)mbt^{ts1}* / *L(3)mbt^{ts1}*, w^* / Y ; + ; *L(3)mbt^{ts1}* / *L(3)mbt^{ts1}*
Fig EV5	
yw	$y^1 w^{1118}$, $y^1 w^{1118}$ / Y
Lint-O^{KO}	$y^1 w^{1118}$ *Lint-O^{KO}* / $y^1 w^{1118}$ *Lint-O^{KO}*, $y^1 w^{1118}$ *Lint-O^{KO}* / Y
L(3)mbt^{ts1}	w^* ; + ; *L(3)mbt^{ts1}* / *L(3)mbt^{ts1}*, w^* / Y ; + ; *L(3)mbt^{ts1}* / *L(3)mbt^{ts1}*
yw Lint-O-Venus	$y^1 w^{1118}$ *Lint-O-Venus* / $y^1 w^{1118}$ *Lint-O-Venus*