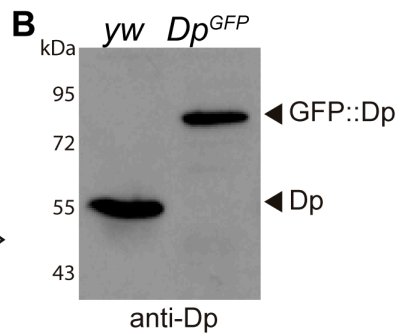
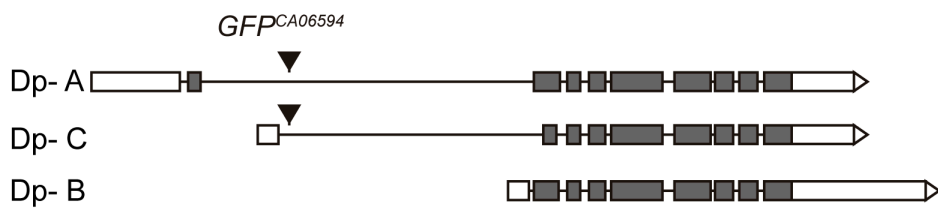


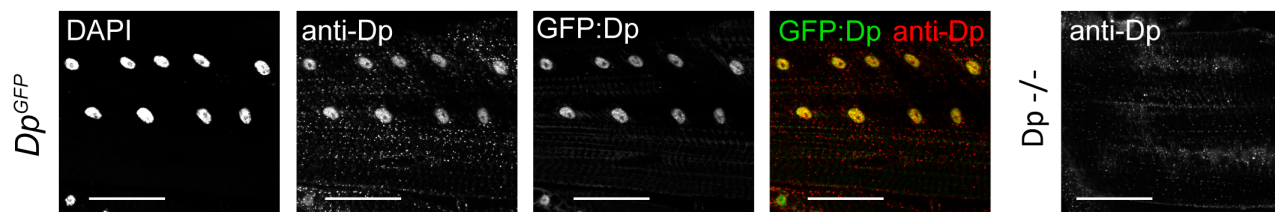
Supplementary Figure 1. *Mef2-GAL4* and *24B-GAL4* are specific drivers for somatic, cardiac and visceral muscles

Mef2-GAL4 and *24B-GAL4* are specific drivers for somatic, cardiac and visceral muscles, but leaked in salivary glands and some neurons of third instar larvae. GAL4 expression was reported using *UAS-GFP* (nuclear localization signal, bottom panel). Tissues were dissected and counterstained for DAPI (top panel). Confocal sections showed (A) body wall muscle, (B) gut at two different planes, muscle layer (left) and epithelial layer (right), (C) salivary gland, (D) eye disc, (E) fat body, (F) brain, (G) wing disc, and (H) cardiac tube of *Mef2-GAL4;UAS-GFP/* (left panel) and *24B-GAL4; UAS-GFP* (right panel). Scale bar is 50 μm . Images were taken and processed using the same parameters for comparative purpose.

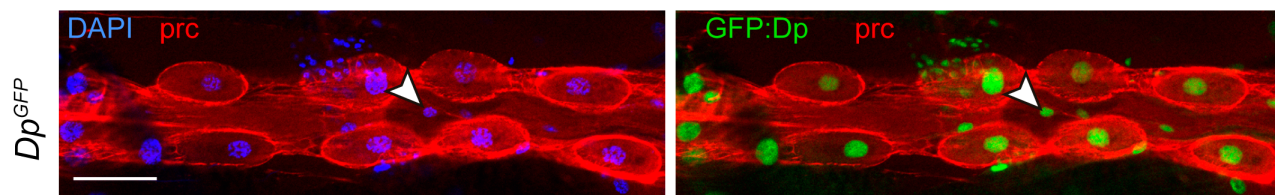
A *Dp* transcripts (CG4654)



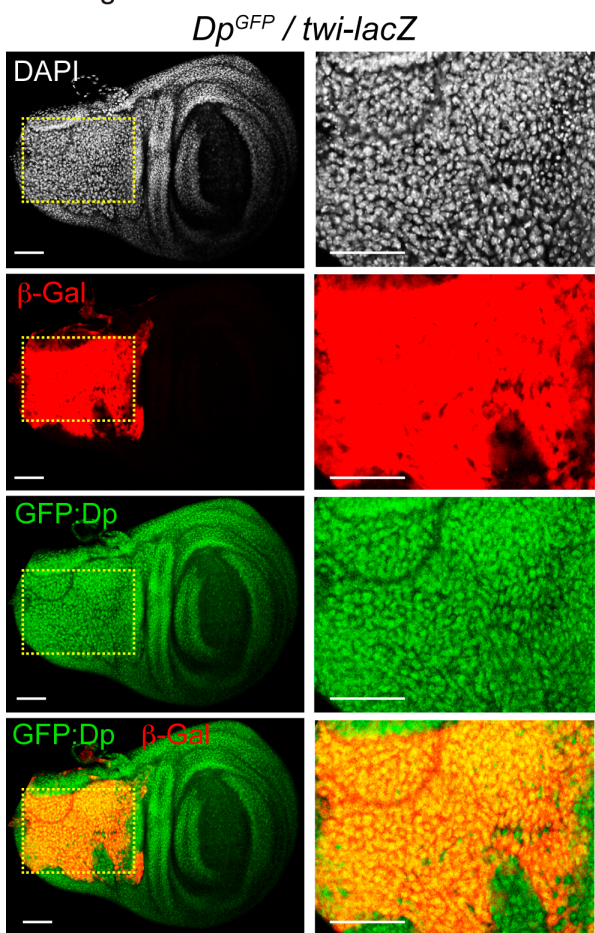
C Body wall muscles



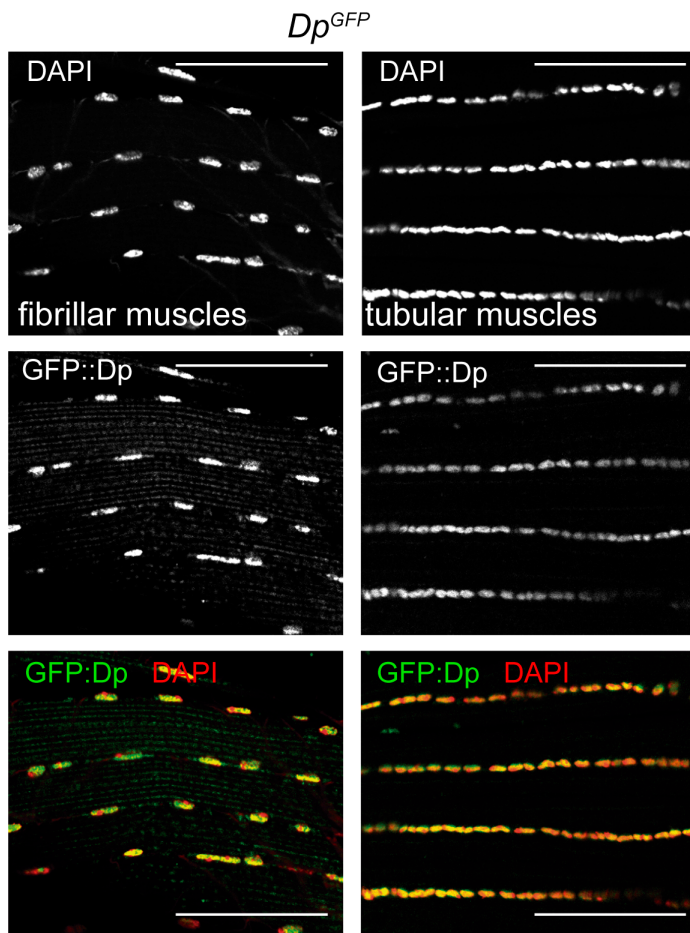
D Aorta



E Wing disc



F Thoracic muscles



Supplementary Figure 2. Dp is localized in nuclei of larval and adult muscles

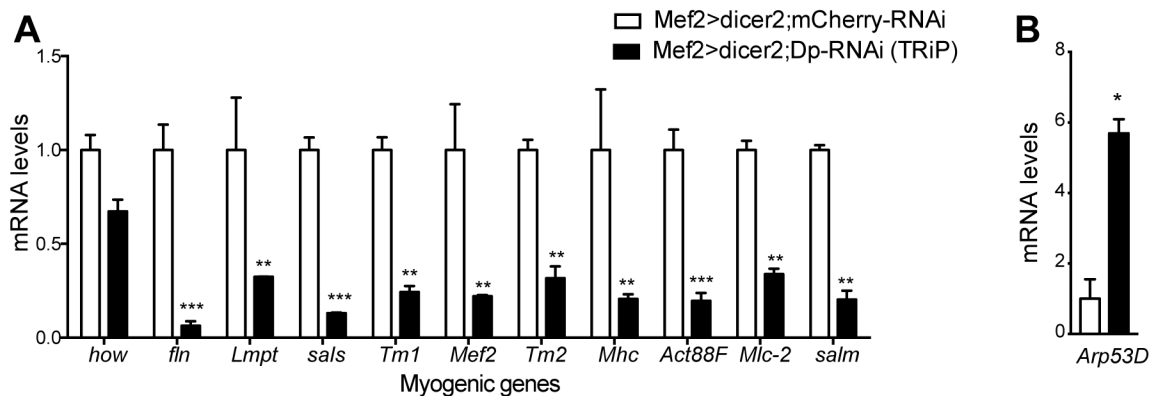
(A) Schematic diagram of the *Dp* transcripts (*Dp-A*, *Dp-B*, and *Dp-C*), which contains alternative transcription start sites. Exons and introns are indicated by boxes and lines, respectively. White boxes represent untranslated regions (UTR) and grey boxes highlight coding regions. The insertion location of the GFP-protein trap element (CA06594) is indicated by black arrowhead. Only transcripts *Dp-A* and *Dp-C* were predicted to contain GFP element and generate GFP-tagged proteins.

(B-C) Dp fusion to GFP was confirmed by western blot (B) and immunofluorescence (C). (B) A shift of approx 27 kDa was observed in *Dp[GFP]* compared to wild type (*yw*) larval homogenates using α -DP antibody. (C) Dp was localized in nuclei of body wall muscles at third instar larva. Dp::GFP colocalized with α -DP antibody and DAPI. The specificity of α -Dp antibody was analyzed by staining *Dp* null mutant (*Dp^{a3}/Df(2R)Exel7124*), which is lethal at pupal stage. Scale bar is 50 μ m.

(D) Dp::GFP was detected in nuclei of cardiac cells (white arrowhead) and in pericardial cells, labeled with α -pericardin, in third instar larva cardiac tube. Scale bar is 50 μ m.

(E) Confocal images of third instar larva wing disc showed Dp::GFP localized in nuclei of adult myoblasts labeled with *twi-lacZ* using β -Gal antibody (red). Magnifications of yellow dashed boxes are shown on the right panels. Scale bar is 50 μ m.

(F) Dp::GFP was localized in nuclei of indirect flight muscles of adult flies. Fibrillar and tubular muscles are shown on the left and right panels, respectively. Scale bar is 50 μ m.



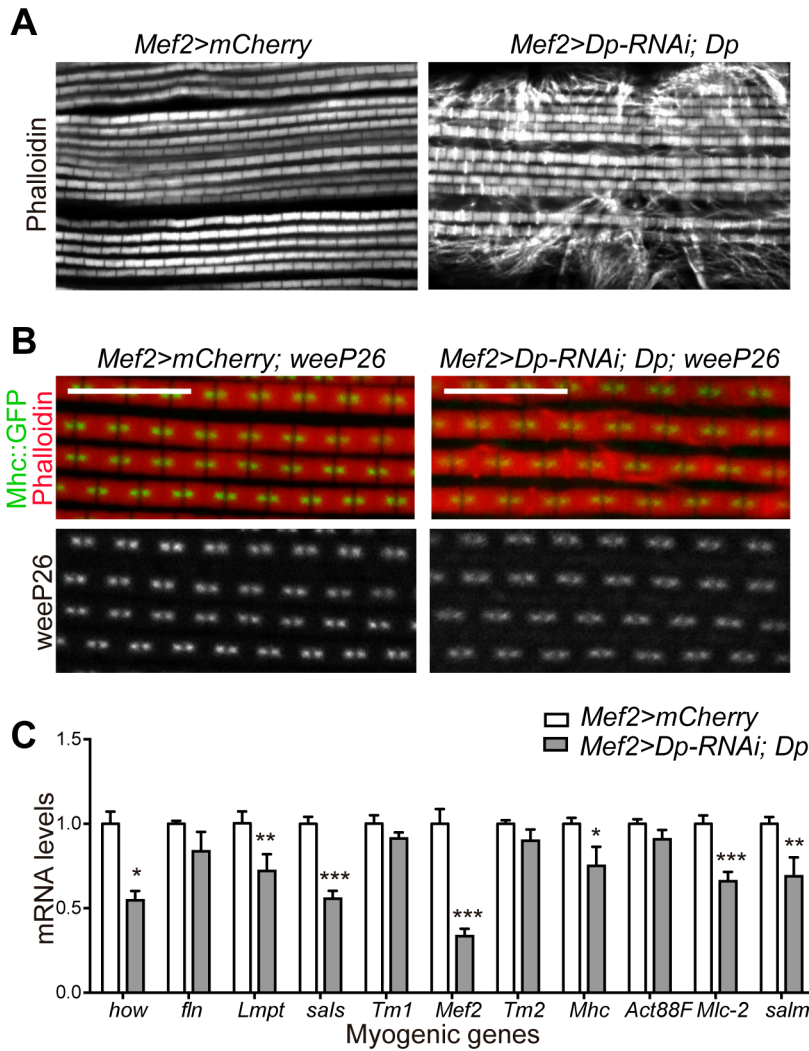
Supplementary Figure 3. Dp-depleted flight muscles displayed reduced expression of myogenic genes in pharates

An alternative *UAS-Dp-RNAi* from TRiP collection was used to knockdown Dp expression.

(A) Gene expression was quantified by RT-qPCR in indirect flight muscles of pharate pupa. Muscle genes are *held out wings (how)*, *flightin (fln)*, *Limpet (Lmpt)*, *sarcomere length short (sals)*, *Tropomyosin 1 (Tm1)*, *Myocyte enhancer factor 2 (Mef2)*, *Tropomyosin 2 (Tm2)*, *Myosin heavy chain (Mhc)*, *Actin 88F (Act88F)*, *Myosin light chain 2 (Mlc2)*, and *spalt major (salm)*. Mean \pm SEM, n=2 independent samples, two-way ANOVA, ** p < 0.01, *** p < 0.001.

(B) *Arp53D* gene expression. Mean \pm SEM, n=2 independent samples, *t*-test with Welch's correction, * p < 0.05.

Genotypes are *Mef2-GAL4/UAS-mCherry-RNAi* (white bar) and *UAS-Dp-RNAi TRiP;Mef2-GAL4* (black bar).



Supplementary Figure 4. Myofibril assembly is partially rescued in the few adults *Mef2>Dp-RNAi; UAS-Dp*

(A) Myofibrils at the edge of the Dorsal Longitudinal muscles are slightly defrayed in the partially rescued adult flies, thus indicating a mild yet persistent defect in myofibril morphology. Confocal images of DLMs stained with Phalloidin (red) in sagittal view.

(B) Both the reduced myofibril width and the defect in labeling of sarcomeric marker were rescued in partially rescued adult flies. Confocal images of DLMs in a sagittal view stained with Phalloidin (red) in a GFP-tagged splice variant Mhc-IFM19 background (*weeP26*), to mark A-band structure. Scale is 5 μ m.

(C) The expression of whole set of myogenic genes was not fully restored in the partially rescued adult flies. Muscle genes are *held out wings (how)*, *flightin (fln)*, *Limpet (Lmpt)*, *sarcomere length short (sals)*, *Tropomyosin 1 (Tm1)*, *Myocyte enhancer factor 2 (Mef2)*, *Tropomyosin 2 (Tm2)*, *Myosin heavy chain (Mhc)*, *Actin 88F (Act88F)*, *Myosin light chain 2 (Mlc2)*, and *spalt major (salm)*. Mean \pm SEM, N =3 independent samples, two-way ANOVA, * p < 0.05, ** p < 0.01, *** p < 0.001.

Genotypes are *Mef2-Gal4/UAS-mCherry* (left panel, white bar), and *UAS-Dp-RNAi;Mef2-GAL4/UAS-Dp* (right panel, grey bar).

Supplementary Table 1: Phenotypes associated with knockdown of Dp by RNAi with Gal4 drivers

GAL4 driver	GAL4 tissue expression	GAL4 expression developmental stage	Phenotype crossed to UAS-Dp-RNAi
<i>Act5C</i>	Ubiquitous	Throughout dev.	Lethal
<i>elavC155</i>	Pan-neuronal	Throughout dev.	Viable, mild rough eye
<i>nSyb</i>	Pan-neuronal	Throughout dev.	Viable
<i>Mz1407</i>	Pan-neuronal	Throughout dev.	Semi-viable adults (30 % pharate)
<i>D42</i>	Motor neurons	Throughout dev.	Viable
<i>arm.S</i>	Epithelia	Throughout dev.	Viable
<i>AB1</i> <i>c729</i> <i>34B</i>	Salivary glands	Embryonic and larval dev.	Viable
<i>r4</i>	Fat body	Larval dev.	Viable
<i>twi.G</i> <i>twi.2xPE</i>	Mesoderm	Embryonic dev.	Viable
<i>24B</i>	Mesoderm	Embryonic dev.	Lethal (pupa)
	- Precursors of somatic muscles, visceral muscles and cardiac cells - All muscles	Embryonic and larval dev.	
	Adult muscle precursor cells	Adult myogenesis	
<i>Mef2.R</i>	Somatic, visceral and cardiac muscles	Embryonic and adult myogenesis	Lethal (pharate)
<i>rP298</i>	Progenitors and founders of somatic and visceral muscles	Embryonic dev.	Semi-lethal adults (54% pupa)
	- Thoracic and abdominal adult muscle founder cells - Developing adult muscles	Adult myogenesis	
<i>1151</i>	- Adult muscle precursors - Developing adult muscles - Leg tendon cells and precursors	Adult myogenesis	Semi-lethal adults (74% pharate) Flight/jump defect
<i>Mhc.F3-580</i>	Indirect Flight muscles at the onset of myofibrillogenesis (40 h APF at 22 °C) throughout adult	Late adult myogenesis	Flight/ jump defect
<i>Act88F</i>	Post-fusion Indirect Flight muscles throughout adult	Late adult myogenesis	Flight/ jump defect
<i>bap3</i>	Trunk visceral mesoderm	Embryonic dev.	Viable
<i>5053A</i>	Longitudinal musculature of the midgut	From end of embryogenesis throughout dev.	Viable
<i>Hand4.2</i>	Myocardium, epicardium, and visceral mesoderm	Embryonic dev.	Viable
<i>GMH5</i>	Myocardial cells	Larva and adult heart	Viable
<i>tinC.A4</i>	Cardiomyoblasts	Embryonic dev.	Viable

Supplementary Table 2. Primer sequence

Gene	Forward primer sequence	Reverse primer sequence	Application
<i>Arp53D</i>	TATAACAAATAAACGGGCACAGAC AC	GCTCATGTTCCAGGAGAGG	RT-qPCR
<i>Him</i>	AACCAGGTCCAGAATCACATCG	TGGTACTGCAGCTTGAAACG	RT-qPCR
<i>twi</i>	AAGCTCAGCAAGATCCAGACC	GAGCTGGCCGATCCATACG	RT-qPCR
<i>Mef2</i>	CGGATATCATGAGCCTCAACAC	CGTGGAAACCATTGCTATTCTGC	RT-qPCR
<i>blow</i>	CGACTGTGTCGATAGCAAGG	TCGTAGAGCTGCTGATGTGG	RT-qPCR
<i>sing</i>	TACCATACGCCGATTCCATT	ACTGCGGATGTAGCCATACC	RT-qPCR
<i>mbc</i>	AAGACGCCAGATCCTCATGT	CTGAAGTGGAAATCGGTGGTT	RT-qPCR
<i>lmd</i>	TAAAGCATTCTCGCGTTTGG	GATCCGTGTAGCGCTTGGT	RT-qPCR
<i>ewg</i>	TTATCACACTGCCGGATGGTAC	ACATCAGTGAGACTCTGAACGG	RT-qPCR
<i>vg</i>	ACCAAAGAAGAGGACCTCATCG	GGATGGCTGTGCGAGTGG	RT-qPCR
<i>htl</i>	AACGCATCGAAACCGTTCAC	TGGTGCCTGTTTCTGTATC	RT-qPCR
<i>stumps</i>	AACAAGGTGGTTGCTCTGCT	ACTGCAGGGTGTAGGGATTG	RT-qPCR
<i>Act88F</i>	ATGGTGGGTATGGGTCAGAA	CTTCTCCATGTCGTCCCAGT	RT-qPCR
<i>Mhc</i>	AAGAACGACCTCGAGAACCAG	TCGGCCTTCTTCTTCTGCTG	RT-qPCR
<i>fln</i>	GGCAAAGAGGGACAAACAAC	ACTACGAGTGCTCATCCGTTC	RT-qPCR
<i>TnT</i>	CTTCACCATTGCCAAGAAGG	TTTGACAATGAGCTCCCACA	RT-qPCR
<i>Actn</i>	AGTACGGAGATGGCTACATGG	TGCGCAAATGGCTGTTACAC	RT-qPCR
<i>Cf2</i>	CACCACTCACCGTCAAGCTA	TGGCATAGACAGGCACAGAG	RT-qPCR
<i>b-tubulin</i>	ACATCCCGCCCCGTGGTC	AGAAAGCCTTGCGCCTGAACATAG	RT-qPCR
<i>RpL32</i>	TACAGGCCAAGATCGTGAAG	GACGCACTCTGTTGTCGATACC	RT-qPCR
<i>RpL30</i>	GCAAATACTGCCTGGGCTAC	ACTTCAGTCTTGCCAGCAT	RT-qPCR
<i>COX5A</i>	AAGGCCACCCTCTATCCCTA	CATCGTACACGGACTTCAGG	RT-qPCR
<i>ND-B17.2</i>	GTAGTGCATCCAGCCGTACC	CTACTTCTACGGCCCAATC	RT-qPCR
<i>Idh</i>	GAGTAGGAGGCACCAGCAAC	TTTCCAATCCCAACCAGTTC	RT-qPCR
<i>how</i>	ATCTGTCCGATGACCTGCATG	TTAGCTCATCTTCGCCTTCGG	RT-qPCR
<i>Lmpt-K</i>	AGTGGCTGCCCTAAAACAAC	ATTGCTCCTCTGCTGCGATAG	RT-qPCR
<i>sals</i>	GCAAGCCATGAAGAAGAACCAG	TCGTCTTCGTCTAGCTTCATGG	RT-qPCR
<i>Tm1</i>	TGCAAGCGATGAAAGTCGAC	TCTGGATCTTCTTCTGCAGCTG	RT-qPCR
<i>Tm2</i>	TCCAAGATCATGGAGCTGGAG	TTCATCTCGCGCTTGAATC	RT-qPCR
<i>Mlc-2</i>	TTCTCTGTGTTCTCCAGAAGC	TTGTGCGCATCCATGAGTTG	RT-qPCR
<i>salm</i>	ACTACAGGAGCCACACCAAAG	ATGTGTTGCTTCAGGTTGCC	RT-qPCR
<i>E2f1</i>	ACCTGCTCAACGTGGATCTC	AATCTCGCGCGGCAATTTTG	RT-qPCR
<i>How-650</i>	GCGAAACAAAATGCCGCTTG	ATTAAGACACTGCGCTGTGG	ChIP-qPCR
<i>Lmpt+100</i>	CCAAAGCTGAAGCCAAAAGC	CACACACACAAAGACAGTCACTC	ChIP-qPCR
<i>Sals-500</i>	TTTGCCTTGTCAGCATCAGC	TAGCAATGGCCCGTTAAGC	ChIP-qPCR
<i>Mef2-220</i>	TTCAGAGCGTCGAACTCCTTC	TGGAGTTCAAATCGCCCTTC	ChIP-qPCR
<i>Tm2-130</i>	ACGAGAATGCAGCCCAAAAG	TATGTGGAATGGCGCTTTTCG	ChIP-qPCR
<i>Tm1-IC-280</i>	AGCGTTACCGTTAAGCAAGG	TTTTGCTGCGGCTGCTTATC	ChIP-qPCR
<i>Fln -610bp</i>	AACGGCGTGAAAACAATCGC	TACGAGCGCCTTATCGATGTG	ChIP-qPCR
<i>Arp53D-108</i>	TAGCTGCTTACGTATCGACTGC	TGTTGTGTGCTGTGTTCCAG	ChIP-qPCR
<i>Negative site</i>	TGTGTATGCCTTGCTTGACAC	TCTATGCACACGCTCTACTGAG	ChIP-qPCR

Supplementary Table 3. Raw data for E2f1 and IgG ChIP-qPCR of control and Mef2>Dp-RNAi at Pharate stage

Genotype	Ab	Fln		Tm2		Tm1-ic-300		how		Lmpt-bgh-100		sals-500		Mef2-fh-220		Negative site	
		Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value
Mef2>mCherry-RNAi	input 4% Dil 1/5	22.85	0.72	22.23	1.52	22.58	1.37	22.24	1.17	22.65	1.30	22.12	1.73	22.17	1.18	25.03	1.27
Mef2>mCherry-RNAi	input 4% Dil 1/5	22.82	0.73	22.20	1.55	22.67	1.29	22.15	1.24	22.63	1.31	22.15	1.68	22.14	1.21	25.04	1.26
Mef2>mCherry-RNAi	IgG	29.44	0.01	28.46	0.02	28.66	0.03	28.52	0.02	29.00	0.02	28.57	0.02	28.49	0.02	32.08	0.01
Mef2>mCherry-RNAi	IgG	29.44	0.01	28.22	0.02	29.11	0.02	28.34	0.02	28.72	0.02	28.61	0.02	28.61	0.01	32.23	0.01
Mef2>mCherry-RNAi	E2f1	27.69	0.03	27.58	0.04	27.44	0.06	25.68	0.12	26.82	0.07	26.57	0.08	27.34	0.03	30.99	0.03
Mef2>mCherry-RNAi	E2f1	27.89	0.03	27.67	0.03	27.34	0.06	25.57	0.13	26.82	0.07	26.52	0.08	27.48	0.03	31.11	0.03
Mef2>Dp-RNAi vdr	input 4% Dil 1/5	23.78	0.39	23.80	0.50	24.33	0.44	23.58	0.48	23.98	0.52	23.55	0.63	23.55	0.46	26.04	0.66
Mef2>Dp-RNAi vdr	input 4% Dil 1/5	23.78	0.39	23.86	0.48	24.32	0.44	23.55	0.50	24.02	0.51	23.59	0.61	23.53	0.46	26.11	0.64
Mef2>Dp-RNAi vdr	IgG	29.25	0.01	28.73	0.02	29.42	0.02	28.51	0.02	29.41	0.01	28.69	0.02	28.53	0.02	32.04	0.01
Mef2>Dp-RNAi vdr	IgG	28.91	0.01	28.48	0.02	28.95	0.02	28.53	0.02	29.03	0.02	28.67	0.02	28.92	0.01	31.68	0.02
Mef2>Dp-RNAi vdr	E2f1	29.29	0.01	28.57	0.02	28.81	0.02	27.71	0.03	28.66	0.02	27.77	0.04	28.50	0.02	31.72	0.02
Mef2>Dp-RNAi vdr	E2f1	29.22	0.01	28.58	0.02	29.29	0.02	27.55	0.04	28.19	0.03	28.24	0.03	28.72	0.01	31.33	0.02

Supplementary Table 4. Raw data for Rbf, Dp, E2f2 and IgG ChIP-qPCR of control and Mef2>Dp-RNAi at Pharate stage

Genotype	Ab	Negative site		Arp53d-prox3		Fln		how		sals-500		Mef2-FH-220		Lmpt-BGH-100		Tm1-ic-300		Tm2	
		Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value
Mef2>mCherry-RNAi	10% - Dil 1/4	23.72	1.87	21.87	1.58	22.55	1.26	21.51	1.37	21.51	1.42	21.32	1.69	21.74	1.95	21.69	1.14	21.55	1.71
Mef2>mCherry-RNAi	10% - Dil 1/4	23.63	1.98	21.81	1.64	22.35	1.45	21.49	1.38	21.50	1.43	21.32	1.69	21.75	1.93	21.66	1.15	21.62	1.62
Mef2>mCherry-RNAi	IgG	30.24	0.03	27.76	0.03	28.90	0.02	27.55	0.03	27.89	0.02	27.68	0.02	27.96	0.03	28.01	0.02	27.61	0.02
Mef2>mCherry-RNAi	IgG	30.29	0.03	27.78	0.03	28.92	0.02	27.67	0.02	28.04	0.02	27.75	0.02	27.97	0.03	28.10	0.02	27.83	0.02
Mef2>mCherry-RNAi	Dp	29.28	0.05	22.31	1.18	25.03	0.24	22.64	0.65	24.12	0.23	24.51	0.19	23.86	0.46	23.05	0.47	26.74	0.05
Mef2>mCherry-RNAi	Dp	29.16	0.06	22.22	1.25	24.95	0.26	22.57	0.68	24.25	0.21	24.52	0.19	23.79	0.48	23.03	0.48	26.83	0.04
Mef2>mCherry-RNAi	E2f2	29.52	0.05	21.78	1.67	24.72	0.30	22.44	0.74	24.04	0.24	24.15	0.24	23.45	0.60	22.76	0.57	26.92	0.04
Mef2>mCherry-RNAi	E2f2	29.32	0.05	21.69	1.78	24.73	0.30	22.30	0.81	24.07	0.23	24.15	0.24	23.48	0.59	22.73	0.58	26.72	0.05
Mef2>mCherry-RNAi	Rbf1	30.58	0.02	22.51	1.03	25.92	0.14	23.34	0.41	25.30	0.10	25.27	0.11	24.62	0.27	23.83	0.28	27.73	0.02
Mef2>mCherry-RNAi	Rbf1	30.63	0.02	22.53	1.02	25.89	0.14	23.33	0.41	25.57	0.08	25.25	0.11	24.58	0.28	23.86	0.28	28.16	0.02
Mef2>Dp-RNAi	10% - Dil 1/4	23.76	1.83	21.92	1.53	21.72	1.19	21.68	1.22	21.47	1.46	21.45	1.55	21.64	1.10	22.03	0.91	21.69	1.55
Mef2>Dp-RNAi	10% - Dil 1/4	23.76	1.82	21.91	1.53	21.83	2.04	21.45	1.42	21.49	1.44	21.34	1.67	21.76	1.92	22.04	0.90	21.69	1.55
Mef2>Dp-RNAi	IgG	30.35	0.03	28.58	0.02	28.54	0.02	27.71	0.02	27.71	0.02	27.87	0.02	28.48	0.02	28.48	0.01	27.79	0.02
Mef2>Dp-RNAi	IgG	30.43	0.03	24.17	0.34	26.61	0.09	24.29	0.22	26.03	0.06	26.51	0.05	25.69	0.13	24.84	0.15	27.99	0.02
Mef2>Dp-RNAi	Dp	30.58	0.02	24.12	0.36	26.48	0.09	24.33	0.21	25.93	0.07	26.61	0.04	25.67	0.13	24.93	0.14	27.87	0.02
Mef2>Dp-RNAi	E2f2	30.56	0.02	24.34	0.31	26.43	0.10	24.57	0.18	26.08	0.06	26.48	0.05	25.71	0.13	24.72	0.16	27.92	0.02
Mef2>Dp-RNAi	E2f2	30.60	0.02	24.20	0.34	26.43	0.10	24.53	0.19	26.27	0.05	26.55	0.05	25.81	0.12	24.84	0.15	27.95	0.02
Mef2>Dp-RNAi	Rbf1	30.58	0.02	25.56	0.14	27.60	0.04	25.87	0.08	27.24	0.03	27.32	0.03	26.84	0.06	26.23	0.06	27.82	0.02
Mef2>Dp-RNAi	Rbf1	30.75	0.02	25.59	0.14	27.42	0.05	25.97	0.07	26.91	0.03	27.17	0.03	26.76	0.06	26.14	0.06	28.47	0.01

Supplementary Table 5. Raw data for Rbf, Dp, E2f2, E2f1 and IgG ChIP-qPCR of control animals at 3rd instar larvae, and pupa staged at 24 and 96 h APF

Genotype	Stage	Ab	Fln		Arp53d-prox3		Tm2		Tm1-ic-300		how		Lmpt-bgh-100		sals-500		Mef2-fh-220		Negative site	
			Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value	Cp	Abs value
Mef2>mCherry-RNAi	L3	input 4% Dil 1/5	22.24	1.08	22.06	1.52	21.75	2.12	21.72	2.39	21.58	1.81	21.94	2.11	21.66	2.38	21.51	1.85	24.30	2.02
Mef2>mCherry-RNAi	L3	input 4% Dil 1/5	22.29	1.04	22.04	1.54	21.63	2.31	21.78	2.29	21.61	1.77	21.97	2.07	21.54	2.59	21.58	1.77	24.45	1.84
Mef2>mCherry-RNAi	L3	IgG	28.27	0.02	28.05	0.03	27.18	0.05	27.79	0.05	27.50	0.04	27.85	0.04	27.66	0.04	27.42	0.03	30.58	0.04
Mef2>mCherry-RNAi	L3	IgG	28.49	0.02	27.62	0.04	27.28	0.04	27.77	0.05	27.52	0.04	28.26	0.03	27.68	0.04	27.55	0.03	30.61	0.04
Mef2>mCherry-RNAi	L3	E2f1	26.99	0.05	27.19	0.05	27.33	0.04	26.87	0.08	24.26	0.31	25.97	0.13	25.89	0.13	26.79	0.05	30.93	0.03
Mef2>mCherry-RNAi	L3	E2f1	26.95	0.05	27.06	0.06	27.21	0.05	26.75	0.09	24.31	0.30	25.84	0.15	25.76	0.14	26.80	0.05	30.64	0.04
Mef2>mCherry-RNAi	L3	Dp	25.21	0.15	22.31	1.29	27.58	0.04	23.17	0.93	22.55	0.95	23.94	0.54	24.51	0.32	25.09	0.16	30.79	0.03
Mef2>mCherry-RNAi	L3	Dp	25.23	0.15	22.25	1.34	27.48	0.04	23.12	0.96	22.49	1.00	24.04	0.50	24.54	0.31	25.05	0.16	30.42	0.04
Mef2>mCherry-RNAi	L3	E2f2	24.65	0.22	21.50	2.20	27.60	0.04	22.58	1.37	22.18	1.22	23.56	0.70	24.17	0.41	24.65	0.22	30.58	0.04
Mef2>mCherry-RNAi	L3	E2f2	24.56	0.23	21.56	2.12	27.48	0.04	22.52	1.42	22.12	1.26	23.53	0.71	24.34	0.36	24.62	0.22	31.18	0.02
Mef2>mCherry-RNAi	L3	Rbf1	26.04	0.09	22.63	1.04	28.69	0.02	24.02	0.54	23.51	0.51	24.67	0.33	25.85	0.13	25.98	0.09	31.82	0.02
Mef2>mCherry-RNAi	L3	Rbf1	26.07	0.08	22.70	1.00	28.64	0.02	24.01	0.54	23.60	0.48	24.87	0.28	25.78	0.13	25.96	0.09	31.74	0.02
Mef2>mCherry-RNAi	P24	input 4% Dil 1/5	22.20	1.11	21.94	1.65	21.54	2.45	21.50	2.75	21.47	1.95	21.67	2.55	21.60	2.48	21.32	2.11	24.09	2.31
Mef2>mCherry-RNAi	P24	input 4% Dil 1/5	22.20	1.11	21.89	1.69	21.60	2.35	21.47	2.80	21.32	2.14	21.67	2.53	21.62	2.45	21.45	1.94	24.03	2.41
Mef2>mCherry-RNAi	P24	IgG	28.47	0.02	27.91	0.03	27.59	0.04	27.70	0.05	27.71	0.03	28.07	0.03	27.65	0.04	27.58	0.03	30.78	0.03
Mef2>mCherry-RNAi	P24	IgG	28.46	0.02	27.89	0.03	27.44	0.04	27.35	0.06	27.65	0.03	27.96	0.03	27.78	0.04	27.60	0.03	30.62	0.04
Mef2>mCherry-RNAi	P24	E2f1	26.51	0.06	26.70	0.07	26.72	0.07	26.18	0.13	24.18	0.33	24.97	0.27	25.94	0.12	25.95	0.09	29.87	0.06
Mef2>mCherry-RNAi	P24	E2f1	26.32	0.07	26.82	0.07	26.76	0.06	26.20	0.13	24.20	0.32	24.96	0.27	25.71	0.14	25.96	0.09	29.87	0.06
Mef2>mCherry-RNAi	P24	Dp	24.92	0.18	22.29	1.30	26.74	0.06	22.65	1.30	22.55	0.96	23.81	0.59	24.90	0.24	24.28	0.28	30.09	0.05
Mef2>mCherry-RNAi	P24	Dp	24.92	0.18	22.42	1.20	26.75	0.06	22.63	1.32	22.56	0.95	23.80	0.59						