

Table S23
Muscle gene cluster

Gene name	CG	Gene/predicted gene function	# dMef2 binding site pairs
MHC	CG5596	Myosin Heavy Chain	1
Mlc1	CG17927	Myosin light chain 1	2
upheld	CG7107	troponin	4
MSP-300	CG18251	actin binding protein	1
Prm	CG5939	Paramyosin	7
slo	CG10693	slowpoke, calcium-activated potassium channel	2
I(2)01289	CG9432 (fus-2)	similar to human disulfide isomerase-related protein precursor	1
	CG15131 (GH27691)	homology to membrane proteins	1
	CG9480 (GH20752)	similar to glycogenin	1
	CG18020 (GH20492)	similar to myosin light chain kinase (serine/threonine kinase)	1
	CG8154 (GH26521)	similar to adenylyl cyclase and glutenin low molecular weight chain	1
	CG6020 (GH10437)	NADH dehydrogenase (ubiquinone)	2
	CG10483 (GH26628)	similar to retrovirus receptor	2
	CG9098 (SD09109)	similar to human breast cancer anti-estrogen resistance 3 (SH2 domain)	0
	CG17800 (GH22207)	Down syndrome cell adhesion molecule	0
	CG7565 (GH22222)	similar to human hypotheical protein	0
Dscam	CG8256 (GH10595)	glycerol-3-phosphate dehydrogenase	2
	CG11914	similar to muscle LIM domain proteins	1
	CG1826	similar to Drosophila ring canal (Kelch) protein	0
	CG10949	similar to Adf1	0
	CG9090	similar to mitochondrial phosphate carrier protein	0
	CG7430	similar to dihydrolipoamide dehydrogenase and glutathione reductase	0
	CG7028 (GH04978)	serine/threonine kinase	0