

**Table S3. Associated gene names of lncRNAs for each cluster indicated in Figure S2B.**

<b>Cluster</b>	<b>LncRNA sequence name</b>	<b>Associated gene name</b>
1	ENSMUST00000136988	Intergenic
	ENSMUST00000160545	radial spoke head protein 3 homolog A
	AK016186	promethin
	AK140199	Intergenic
	ENSMUST00000120038	filensin
	ENSMUST00000150111	Intergenic
	AK157753	Intergenic
	AK131936	Intergenic
	MM9LINCRNAEXON11613+	Intergenic
	ENSMUST00000120964	Intergenic
2	uc009mdo.1	mitochondrial tRNA modification GTPase GTPBP3, plasmalemma vesicle-associated protein
	AK035023	protein phosphatase 1 regulatory subunit 12B
	ENSMUST00000145638	hypothetical protein LOC233812
	AK131893	condensin-2 complex subunit H2 isoform b
	uc.64+	EH domain-binding protein 1
	ENSMUST00000133752	palladin
	ENSMUST00000143962	fibroblast growth factor receptor substrate 3
	ENSMUST00000133231	Intergenic
	MM9LINCRNAEXON10527+	Intergenic
	AK011807	tetratricopeptide repeat protein 23 isoform 1
3	NR_003517	protein SF11 homolog
	ENSMUST00000109666	Intergenic
	ENSMUST00000154992	peroxisomal multifunctional enzyme type 2
	AK050092	Intergenic
	AK139812	Intergenic
	ENSMUST00000119652	Intergenic
	AK156415	Intergenic
	ENSMUST00000117585	Intergenic
	ENSMUST00000117760	Intergenic
	uc008pwq.1	Intergenic
4	uc009rwl.1	Intergenic
	ENSMUST00000117305	cytosolic carboxypeptidase 6 isoform 1
	MM9LINCRNAEXON10225-	Intergenic
	ENSMUST00000129364	zinc finger protein 335
	MM9LINCRNAEXON10254-	Intergenic
	uc007boy.1	striated muscle-specific
	AK002799	cip1-interacting zinc finger protein
	MM9LINCRNAEXON10523+	Intergenic
	uc007jey.1	folliculin
	ENSMUST00000128848	inactive ubiquitin carboxyl-terminal hydrolase
ENSMUST00000155388	homeobox protein Hox-B3	
ENSMUST00000136940	hypothetical protein LOC232035	
uc007waw.1	WNT1-inducible-signaling pathway protein 1	