

Table 6. Functional clusters for wake genes

GO:0008152~metabolic process		GO:0017076~ purine nucleotide binding		GO:0048856~ anatomical structure development		GO:0031323~ regulation of cellular metabolic process	
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1458387_AT	PTDSS2	1419766_AT	sik1	1451739_AT	klf5	1451739_AT	klf5
1443625_AT	naa40	1447964_AT	ttl	1418687_AT	arc	1418099_AT	tnfrsf1b
1446807_AT	usp8	1438099_AT	trio	1427683_AT	egr2	1427683_AT	egr2
1427683_AT	egr2	1449114_AT	stk3	1447964_AT	ttl	1419410_AT	batf
1427433_S_AT	HOXA3	1449819_AT	dmc1	1427433_S_AT	HOXA3	1427433_S_AT	HOXA3
1418322_AT	crem	1429319_AT	rhoh	1449819_AT	dmc1	1418322_AT	crem
1421247_AT	pax9	1445540_AT	dnm3	1421247_AT	pax9	1419654_AT	tle3
1428634_AT	twistnb	1433584_AT	tuba1a	1429319_AT	rhoh	1416812_AT	tia1
1434557_AT	hip1	1420527_S_AT	tcp10	1435782_AT	rps27a	1421247_AT	pax9
1417542_AT	rps6ka2	1443235_AT	EIF2AK4	1438542_AT	TRP53	1443235_AT	EIF2AK4
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1457984_AT	crh	1417542_AT	rps6ka2	1419762_AT	ubd	1438542_AT	trp53
1430408_AT	CACNA1A	1431718_AT	kif15	1457984_AT	crh	1457956_AT	CAMTA1
1439613_AT	ADCY10	1426063_A_AT	gem	1430408_AT	CACNA1A	1444705_AT	app
1447273_X_AT	atp10a	1439613_AT	ADCY10	1423100_AT	fos	1430408_AT	CACNA1A
1426429_AT	thap7	1447273_X_AT	atp10a	1450256_AT	cer1	1423100_AT	fos
1416505_AT	nr4a1	1425678_A_AT	snrk	1448804_AT	CYP11A1	1441454_AT	zfx3
1425678_A_AT	snrk	1422869_AT	merck	1417394_AT	klf4	1426429_AT	thap7
1445734_AT	tdh	1417431_A_AT	sphk2	1417431_A_AT	sphk2	1434618_AT	crebzf
1458361_AT	DCIRE1C	1450176_AT	ern1	1458361_AT	DCIRE1C	1440959_S_AT	mynn
1452349_X_AT	IFI205	1434525_AT	pkn3	1427771_X_AT	ITGB1	1416505_AT	nr4a1
1437954_AT	2410016o06rik	1432623_AT	supv3l1	1417789_AT	ccl11	1456846_AT	zbtb42
1434525_AT	pkn3	1459956_AT	dock10	1440748_AT	scarf1	1458582_AT	lin54
1417950_A_AT	apoa2	1417214_AT	rab27b	1429777_AT	dnajb6	1417394_AT	klf4
1438308_AT	agbl4	1435736_X_AT	rabl4	1454906_AT	rarb	1417431_A_AT	sphk2
1449568_AT	klb	1452155_A_AT	ddx17	1435998_AT	CCNB1IP1	1437954_AT	2410016o06rik
1441812_AT	CYP2U1	1427126_AT	hspa1l	1418220_AT	foxf2	1452349_X_AT	IFI205
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1422978_AT	cybb	1443525_AT	dbx2
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