	Gene	logratio_DGE	logratio_qPCR	stdev_qPCR	pval_ttest_qPCR	concordant up	concordant down	upSolexadownqPCR	downSolexaupqPCR	Concordant and significant in both
New assays	Timp2	-1.890	-0.026	0.144	0.700		yes			
Genes selected from DGE experiment	Spsb1	-1.680	0.149	0.337	0.462				yes	
	Parn	-1.507	-0.002	0.115	0.954		yes			
	Manea	-1.036	0.156	0.417	0.603				yes	
	AI033314	-0.979	-0.118	0.111	0.075		yes			yes
	P42pop	-0.966	-0.129	0.133	0.103		yes			
	Eps8	-0.793	-0.128	0.136	0.115		yes			
	Coil	-0.739	-0.091	0.184	0.329		yes			
	Bai3	-0.628	-0.130	0.125	0.078		yes			yes
	A930041102Rik	-0.503	-0.035	0.181	0.657		yes			
	Bicd1	-0.368	-0.173	0.295	0.243		yes			
	Pftk1	0.291	0.032	0.252	0.615	yes				
	Crebbp	0.487	0.098	0.132	0.201	yes				
	Tpte2	0.562	0.052	0.155	0.445	yes				
	Pdia6	0.658	0.097	0.303	0.635	yes				
	Ext2	0.685	0.014	0.245	0.972	yes				
	Stac2	0.710	-0.102	0.153	0.232			yes		
	Sdsl	0.816	-0.058	0.252	0.615			yes		
	Zc3h10	0.930	-0.046	0.107	0.410			yes		
	Jmjd1a	1.103	0.066	0.155	0.445	yes				
	Ralgps2	1.108	0.006	0.108	0.934	yes				
	Gars	1.244	0.069	0.124	0.323	yes				
	Ankrd49	1.270	0.013	0.157	0.923	yes				
	Myo1d	1.442	-0.023	0.229	0.803			yes		
	C1galt1	1.704	0.043	0.150	0.676	yes				
	Spnb1	1.705	0.130	0.161	0.157	yes				
	G3bp2	1.842	-0.008	0.103	0.866			yes		
	Zbtb17	1.908	-0.101	0.125	0.151			yes		
	Svil	2.092	0.112	0.231	0.394	yes				
Existing assays	Cenpa	-5.287	-0.348	0.199	0.029		yes			yes
Genes selected from microrarray experiment	Cbln1	-3.370	-0.613	0.841	0.219		yes			
	Gabra2	-2.523	-1.340	0.144	0.000		yes			yes
	Lgals1	-1.667	0.220	0.273	0.286				yes	
	Lynx1	-1.138	-0.190	0.096	0.015		yes			
	Sgip1	-1.070	0.223	0.171	0.061				yes	
	Gnb1l	-0.993	-0.219	0.153	0.057		yes			
	Sar1a	-0.693	0.047	0.074	0.382				yes	
	Atf4	-0.665	0.344	0.098	0.000				yes	
	Rasl11b	-0.530	-0.394	0.231	0.034		yes			
	Cask	-0.517	0.065	0.113	0.399				yes	
	Bok	-0.477	0.529	0.268	0.004				yes	
	Kcnab3	-0.306	-0.010	0.205	0.796		yes			
	Taf12	-0.232	-0.081	0.078	0.131		yes			
	Pip5k2a	-0.189	0.288	0.200	0.042				yes	
	Arc	-0.105	-0.274	0.278	0.135		yes			
	9230117N10Rik	0.059	0.782	0.247	0.000	yes				
	Hnrpl	0.131	0.010	0.082	0.897	yes				
	Plip	0.372	0.091	0.207	0.533	yes				
	Camkk1	0.414	0.201	0.108	0.011	yes				
	Ttc3	0.416	0.334	0.146	0.003	yes				
	Efcbp2	0.478	-0.101	0.115	0.186			yes		
	Spp1	0.537	0.833	0.577	0.013	yes				
	Fabp7	0.574	-0.637	0.245	0.007			yes		
	Arhgdig	0.587	-0.467	0.136	0.001				yes	
	Nckap1	0.730	0.261	0.204	0.077	yes				
	Chac1	0.796	0.491	0.079	0.000	yes				
	Acsl1	1.026	0.410	0.268	0.033	yes				
	Plac9	1.078	1.905	0.329	0.000	yes				yes
	Mthfd2	1.927	0.537	0.100	0.000	yes				
	Trem2	2.219	0.314	0.134	0.002	yes				
	Gng3	2.239	-0.182	0.086	0.009			yes		
Only detected in WT sample 1	Mup1					yes				
					TOTAL	25	18	9	10	5

qPCR validation of Mup1 expression	**Relative expression level**
WT1	26786
WT3	3
WT4	126
WT6	13
dC1	16
dC2	5
dC3	1
dC4	7