

S3 Table. Insulin Signaling Pathway Genes (L_{path}) and Anchor Genes (L_{anchor}).

L_{path} Genes			
Probe Set ID	Gene Symbol	Log ₂ FC	L_{anchor} Genes
1416657_at	Akt1	-1.44408	L_{anchor}
1425711_a_at	Akt1	-1.3978	L_{anchor}
1424480_s_at	Akt2	-1.60568	L_{anchor}
1421324_a_at	Akt2	-0.56584	
1455703_at	Akt2	-0.07078	
1426239_s_at	Arrb2	-0.38043	
1451987_at	Arrb2	-0.74716	
1417592_at	FRAP1	-0.76872	L_{anchor}
1436267_a_at	FRAP1	-0.38295	
1415958_at	glut4	-1.52396	L_{anchor}
1415959_at	glut4	-2.30059	L_{anchor}
1435638_at	Gsk3a	0.042993	
1434439_at	Gsk3b	0.425375	
1437001_at	Gsk3b	0.039469	
1451020_at	Gsk3b	0.063825	
1454958_at	Gsk3b	-0.18383	
1450196_s_at	GYS1	-0.88146	L_{anchor}
1416737_at	GYS1	-1.28798	L_{anchor}
1422447_at	Ins1	0.027214	
1422446_x_at	Ins2	0.195037	
1434446_at	IR A/B	-0.00117	
1423104_at	IRS1	-0.86892	
1443969_at	IRS2	-1.43486	L_{anchor}
1437672_at	IRS3	-0.24064	
1420931_at	JNK1	-0.19766	
1421876_at	JNK2	-1.41937	
1417273_at	pdk4	0.061052	
1416501_at	Pdpk1 (PDK1)	-0.40082	
1415729_at	Pdpk1(PDK1)	0.97709	
1426994_at	Phlpp1	-0.33884	
1444593_at	PHLPP2	0.2107	
1435601_at	PHLPP2	0.026679	
1453069_at	Pik3cb(P110 beta)	-1.02557	L_{anchor}
1425514_at	Pik3r1	0.175572	
1438682_at	Pik3r1	0.149941	

1451737_at	Pik3r1	-0.34413	
1418463_at	Pik3r2	-0.67342	
1426044_a_at	PKC-theta	0.221952	
1417367_at	pp2ac	-1.01022	L_anchor
1456390_at	pp2ac	-0.34157	
1422553_at	Pten	-0.31217	
1450655_at	Pten	-1.18513	
1454722_at	Pten	-0.6018	
1455728_at	Pten	0.068324	
1457493_at	Pten	0.249687	
1417068_a_at	PTP 1B	-0.35068	
1438670_at	PTP 1B	-0.30576	
1453095_at	Rab10	-1.19224	L_anchor
1422664_at	Rab10	-0.31038	
1429296_at	Rab10	-0.86471	
1457624_at	Rab8a	0.038289	
1440620_at	Rab8a	0.687193	
1434619_at	Raptor	-1.0083	L_anchor
1430784_a_at	Raptor	-0.09409	
1458472_at	Raptor	0.344551	
1449182_at	Retn	-0.10437	
1427583_at	Rictor	0.413408	L_anchor
1435698_at	Rictor	0.20103	
1441753_at	Rictor	-0.49329	
1453775_at	Rictor	-0.01628	
1429810_at	Rictor	1.335436	
1460394_a_at	SHIP2	-1.17949	L_anchor
1427699_a_at	SHP2 (ptpn11)	1.692462	L_anchor
1451225_at	SHP2(ptpn11)	-0.40662	
1421196_at	SHP2(ptpn11)	-0.00081	
1440047_at	Socs1	-0.19449	
1450446_a_at	Socs1	-0.43768	
1416576_at	Socs3	-2.42518	L_anchor
1455899_x_at	Socs3	-1.248	L_anchor
1456212_x_at	Socs3	-1.5813	L_anchor
1419448_at	Tbc1d1	0.382683	
1447016_at	Tbc1d1	0.604145	
1435292_at	Tbc1d4	-1.36206	
1455903_at	Tbc1d4	-0.56784	
1419607_at	Tnfalpha	-0.58929	

1417291_at	Tnfrsf1a	-1.24859	L_anchor
1448951_at	Tnfrsf1b	0.225151	
1437001_at	Gsk3b	0.039469	
1451020_at	Gsk3b	0.063825	
1454958_at	Gsk3b	-0.18383	