

Table S3. Differentially expressed genes involved in Top GO categories in each donor cell

SR	Probe ID	[ES](raw)	[SR](raw)	[cu](raw)	Gene Symbol		Probe ID	[ES](raw)	[SR](raw)	[cu](raw)	Gene Symbol
GO:0016126	1423078_a_at	828.8015	195.1738	979.4833	<i>Sc4mol</i>		1453196_a_at	1.482793	18.78687	256.1661	<i>Oasl2</i>
	1451457_at	208.82298	36.02563	403.3878	<i>Sc5d</i>		1418736_at	68.93503	421.559	1947.589	<i>B3galnt1</i>
	1460684_at	162.2543	58.25155	263.8276	<i>Tm7sf2</i>		1460204_at	8.447554	32.86328	165.0034	<i>Tec</i>
ES GO:0050789	1420086_x_at	862.50916	2.546473	5.807298	<i>Fgf4</i>	CU GO:0016740	1452677_at	8.584272	5.971514	162.2675	<i>Pnpt1</i>
	1416967_at	2277.4438	9.342986	1.119108	<i>Sox2</i>		1449630_s_at	35.62468	59.99294	604.5212	<i>Mark1</i>
	1460682_s_at	218.20578	2.87745	9.639275	<i>Ceacam1</i>		1448183_a_at	28.73729	40.12304	229.875	<i>Hif1a</i>
	1418133_at	424.62677	15.12946	135.2874	<i>Bcl3</i>		1419497_at	30.50979	22.68534	189.8535	<i>Cdkn1b</i>
	1449592_at	1031.7913	39.1582	20.26274	<i>Tcf15</i>		1457046_s_at	31.27565	47.56513	159.0824	<i>C77370</i>
	1450016_at	1257.0916	84.48518	94.05072	<i>Ccng1</i>		1434061_at	62.68763	64.57081	212.9743	<i>Rp2h</i>
	1422912_at	645.9807	48.86761	32.15035	<i>Bmp4</i>		1424638_at	1175.811	96.04173	3695.901	<i>Cdkn1a</i>
	1419018_at	105.98193	10.87192	9.153988	<i>Rhox6</i>		1417649_at	79.82433	142.7979	7.506853	<i>Cdkn1c</i>
	1456225_x_at	467.22113	52.29669	47.49166	<i>Trib3</i>		1449534_at	337.2136	133.6844	28.69917	<i>Sycp3</i>
	1424153_s_at	176.4549	24.58283	1.844095	<i>Sall4</i>		1420064_s_at	12.89178	182.8024	1	<i>Tkt1</i>
	1448181_at	177.06918	31.06385	14.48437	<i>Klf15</i>		1454138_a_at	114.8099	96.15283	5.625514	<i>Stk31</i>
	1448595_a_at	11947.025	2325.285	3470.482	<i>Bex1</i>		1456208_at	44.96681	181.6074	1	<i>A530057A03Rik</i>
	1415956_a_at	33.678837	128.1357	220.5989	<i>Pctk1</i>		1434399_at	560.1644	34.75673	5.141852	<i>Galnt6</i>
	1449507_a_at	24.303322	93.32291	1159.545	<i>Cd47</i>		1430781_at	384.1679	73.43939	3.004887	<i>Ak7</i>
	1418285_at	12.866414	110.7327	64.43767	<i>Efnb1</i>						
	1420621_a_at	10.073851	273.2508	468.4097	<i>App</i>						
	1426397_at	46.449646	436.8082	406.4336	<i>Tgfb2</i>						
	1450782_at	2.2248955	64.01466	2235.137	<i>Wnt4</i>						
1452670_at	11.661102	368.4554	42.17836	<i>My19</i>							