

Suppl. Fig. 2

fold changes to reference sample(s)
 array deviations between samples and reference samples
 bead standard errors between sample and reference sample

Selected Genes	fold changes to siGFP				Reference				Probe				Genebank Acc No
	resul	Array Stdev Diff	Bead Stdev Diff	Avg signal	Bead Std Err	Array Std Dev	p-val	Avg signal	Bead Std Err	Array Std Dev	p-val		
TFMRF511B	2.8	3.0	10.8	140.3	9.1	14.7	0.002	389.5	17.9	13.9	0.000	NM_002546	
SNORA22	2.7	9.4	9.8	329.4	20.7	12.6	0.000	904.2	38.0	48.4	0.000	NR_002324	
TF12	2.7	5.6	13.4	189.2	8.3	12.4	0.001	536.1	15.8	38.2	0.000	NM_006528	
CP	2.7	4.3	13.2	131.1	5.7	20.3	0.002	349.0	30.6	30.6	0.000	NM_000096	
F3	2.4	5.1	11.9	167.3	29.9	177.5	0.000	1651.8	51.9	14.5	0.000	NM_001993	
SNORA7B	2.4	6.8	11.0	167.9	7.3	12.1	0.001	402.2	12.3	72.5	0.000	NR_002962	
GBP5	2.3	7.0	9.8	84.5	4.2	8.3	0.012	194.2	6.9	7.3	0.001	NM_025242	
HIST1H1C	2.3	9.7	10.7	1403.9	68.1	56.2	0.000	3174.5	96.6	126.0	0.000	NM_005319	
INDC	2.2	2.9	9.7	151.6	7.9	18.3	0.001	339.1	11.5	45.3	0.000	NM_002164	
RFL32	2.2	7.3	10.3	141.3	5.8	3.1	0.002	314.3	11.0	20.5	0.000	NM_001007074	
MALL	2.2	6.0	11.0	239.3	11.8	8.9	0.000	525.6	14.3	38.8	0.000	NM_003434	
FLJ02186	2.2	3.0	11.2	542.2	20.7	11.9	0.000	1171.7	35.3	139.6	0.000	NM_017702	
LIPC	2.2	8.2	10.5	446.5	21.9	31.4	0.000	961.5	27.0	31.4	0.000	NM_000236	
HIST1H2BK	2.1	7.5	12.3	1349.7	46.4	48.5	0.000	2880.3	78.1	154.3	0.000	NM_080593	
CAMKB2	2.1	10.8	11.1	203.0	6.6	0.7	0.001	431.7	14.0	20.4	0.000	NM_172081	
HIST1H2BD	2.1	21.4	9.1	537.3	26.4	2.8	0.000	1122.4	38.2	24.8	0.000	NM_021063	
RPL13	2.1	18.9	8.9	236.1	13.7	11.1	0.000	489.0	14.7	2.2	0.000	NM_033251	
ADH1C	2.1	15.4	9.2	456.4	15.2	1.2	0.000	134.4	5.0	3.3	0.003	NM_000669	
CD55	2.0	72.4	11.6	717.7	26.0	5.5	0.000	1470.8	38.8	4.9	0.000	NM_000574	
BRP44L	2.0	7.1	10.6	230.7	8.9	8.4	0.000	472.5	14.0	25.5	0.000	NM_018098	
VGX	2.0	7.0	9.4	102.2	3.2	3.2	0.006	207.5	6.9	11.7	0.001	NM_013452	
WNT7A	2.0	8.5	12.3	610.8	18.9	11.7	0.000	1236.6	32.1	62.3	0.000	NM_004625	
MGC13057	2.0	5.3	8.9	737.3	31.6	63.2	0.000	1490.8	52.7	78.9	0.000	NM_001042521	
HIST1H2BD	2.0	13.5	9.6	780.9	37.0	20.6	0.000	1599.7	46.5	39.1	0.000	NM_138720	
LOC28297	2.0	8.0	8.4	101.4	3.5	6.3	0.006	201.3	8.5	6.3	0.001	XM_372109	
APOOL	2.0	11.0	9.1	347.0	16.2	15.3	0.000	685.5	21.1	15.5	0.000	NM_198450	
FLJ42410	2.0	3.0	11.1	202.0	15.2	91.6	0.000	4405.0	112.7	616.2	0.000	NM_016619	
WDR8	1.9	13.5	10.0	456.6	15.9	0.7	0.000	889.2	15.3	11.3	0.000	NM_001003725	
TERC	1.9	3.1	7.4	111.3	6.7	18.6	0.003	214.3	7.1	15.0	0.001	NR_001566	
WDR25	1.9	2.8	10.5	705.3	25.3	91.6	0.000	1352.0	36.5	139.3	0.000	NM_004515	
C10orf116	1.9	2.9	9.9	182.5	8.9	14.0	0.001	376.6	11.3	48.1	0.000	NM_008829	
LOC644100	1.9	97.0	7.3	93.8	4.9	0.8	0.008	178.6	6.7	0.1	0.001	XM_527327	
HSS11	1.9	3.1	7.8	167.2	8.2	6.1	0.001	317.8	11.1	42.4	0.000	NM_005114	
ORF1	1.9	6.1	9.7	115.3	4.5	5.1	0.002	219.0	6.7	10.8	0.001	NM_004750	
HRA5	1.9	2.7	10.8	108.1	24.3	51.0	0.000	1290.0	32.0	178.0	0.000	NM_005343	
GPR110	1.9	3.6	8.6	106.4	4.7	5.2	0.004	204.5	6.5	21.6	0.001	NM_153940	
C14orf151	1.9	4.2	9.2	389.4	10.4	74.7	0.000	747.3	23.8	39.3	0.000	NM_032714	
LOC644100	1.9	3.7	8.2	88.2	3.9	3.7	0.009	164.9	5.4	10.0	0.001	NM_937388	
IMP4	1.9	2.9	9.1	899.3	40.5	44.1	0.000	1674.9	45.1	220.6	0.000	NM_033416	
LOC389816	1.9	2.2	10.2	151.2	21.2	28.1	0.000	281.0	15.8	32.0	0.000	NM_0013653	
MSX1	1.8	16.7	10.4	1030.6	41.7	40.0	0.000	1884.1	40.6	11.0	0.000	NM_022448	
HIST1H2AC	1.8	5.2	7.5	190.9	8.6	3.9	0.001	349.0	12.6	26.3	0.000	NM_003512	
GPR110	1.8	8.6	8.0	255.9	19.0	1.9	0.002	156.4	5.3	6.2	0.000	NM_005438	
BR3BP	1.8	2.8	8.0	360.3	18.0	19.2	0.000	653.3	18.6	84.0	0.000	NM_080626	
FLJ20186	1.8	4.9	6.9	285.9	18.0	31.0	0.000	518.1	15.7	16.8	0.000	NM_017702	
LOC244108	1.8	4.4	10.0	420.2	22.9	22.9	0.000	756.3	20.8	49.7	0.000	NM_097029	
RPS19BP1	1.8	3.9	7.9	541.1	26.1	60.0	0.000	971.3	28.2	50.2	0.000	NM_194326	
PNMT	1.8	14.0	7.9	75.7	29.7	74.0	0.000	1346.4	48.0	18.2	0.000	NM_002686	
RPL5	1.8	5.8	7.6	365.3	15.6	25.0	0.000	650.1	21.1	31.2	0.000	NM_033301	
THOC4	1.8	5.9	7.7	1024.5	48.8	113.9	0.000	1817.1	43.7	20.1	0.000	XM_001134346	
MEID10	1.8	4.4	8.1	1095.6	60.5	21.6	0.000	1939.0	53.8	17.8	0.000	NM_032286	
HIST1H2BJ	1.8	5.1	10.0	255.8	15.2	21.6	0.000	452.4	17.2	17.2	0.000	NM_010569	
TGM2	1.8	21.3	9.5	638.9	20.9	6.9	0.000	1124.2	30.4	11.8	0.000	NM_198951	
C2orf49	1.7	3.7	6.7	442.9	27.3	41.9	0.000	774.1	21.7	61.0	0.000	NM_024093	
SOCS7	1.7	3.1	7.1	88.4	3.2	2.7	0.009	153.2	5.9	19.0	0.000	NM_014598	
RFL32	1.7	3.3	7.0	360.3	16.2	18.9	0.000	564.8	15.1	11.1	0.000	NM_015414	
HIALT2	1.7	4.6	7.8	428.2	13.2	39.5	0.000	740.3	27.0	32.6	0.000	NR_002894	
TAF1170	1.7	11.2	6.7	499.8	22.1	25.6	0.000	866.8	32.6	6.7	0.000	NM_005243	
LAMA3	1.7	10.1	6.9	925.5	49.3	49.3	0.000	1958.2	37.3	7.7	0.000	NM_000227	
LMO4	1.7	11.5	7.7	686.1	31.9	33.9	0.000	1183.4	30.0	9.2	0.000	NM_006769	
UBFD1	1.7	2.5	7.8	381.4	16.6	48.5	0.000	657.9	18.9	61.8	0.000	NM_019116	
SH3BPGLR3	1.7	6.3	8.0	120.6	67.7	120.6	0.000	3661.9	86.9	128.6	0.000	NM_005438	
FOSL1	1.7	4.0	7.9	617.7	20.9	90.4	0.000	1063.2	29.9	19.9	0.000	NM_005438	
FBOX6	1.7	7.1	7.0	251.5	12.0	9.3	0.000	432.6	13.9	16.3	0.000	NM_018426	
RAD	1.7	4.0	6.0	100.1	3.9	4.8	0.007	171.7	6.1	6.8	0.000	NM_024109	
C16orf88	1.7	7.9	7.6	507.0	21.2	1.7	0.000	868.5	24.6	44.2	0.000	NM_033211	
ZFAND2	1.7	3.5	7.9	633.1	24.5	28.1	0.000	1080.4	32.4	99.4	0.000	NM_033211	
RRAGD	1.7	5.2	7.4	646.4	24.2	0.2	0.000	1100.6	36.0	33.2	0.000	NM_024241	
LOC650298	1.7	2.8	7.4	248.2	10.3	3.3	0.000	421.8	13.1	53.0	0.000	NM_021244	
UGT2B7	1.7	4.0	6.0	690.0	20.9	28.9	0.000	1173.6	34.3	33.2	0.000	NM_939387	
KRT24	1.7	2.8	7.5	74.8	2.8	3.3	0.040	125.5	4.0	14.7	0.003	NM_019016	
AHNAK	1.7	2.9	7.1	146.3	6.1	6.7	0.001	246.6	8.0	27.6	0.000	NM_024090	
SOCS7	1.7	3.2	7.0	101.7	3.3	8.5	0.003	170.1	4.1	4.2	0.000	NM_014598	
UGT2B7	1.7	8.2	7.2	557.1	24.4	29.8	0.000	929.1	30.4	16.7	0.000	NM_001074	
STR1A3	1.7	3.9	8.2	1111.4	48.2	14.3	0.000	1852.3	41.6	175.2	0.000	NM_144988	
MYP151	1.7	5.7	8.6	450.6	15.6	20.9	0.000	800.9	24.8	20.8	0.000	NM_001434	
THRAP6	1.7	3.7	8.0	1429.7	48.1	101.5	0.000	2369.5	69.2	160.8	0.000	NM_080651	
HIST2H2AC	1.6	6.1	7.2	742.7	32.3	70.6	0.000	1222.3	33.9	8.2	0.000	NM_003517	
DKFZP594J0863	1.6	15.0	6.9	1052.7	51.6	41.6	0.000	1731.7	47.4	6.6	0.000	NM_004566	
PKFKF3	1.6	19.1	7.0	314.2	14.5	3.7	0.000	511.6	13.6	6.7	0.000	NM_004566	
GCHFR	1.6	11.0	7.6	1742.5	61.7	28.0	0.000	2827.7	80.8	70.2	0.000	NM_005258	
KLHL15	1.6	3.7	7.4	116.2	4.1	19.8	0.000	193.6	6.1	4.1	0.001	NM_002644	
C2orf169-DBNDD2	1.6	3.7	7.4	754.7	28.3	73.5	0.000	1236.5	35.1	53.8	0.000	NR_003189	
DSCR8	1.6	7.5	7.6	119.7	3.6	6.3	0.002	192.7	3.0	3.5	0.001	NM_018982	
DYNLL2	1.6	3.2	7.5	919.4	32.8	12.0	0.000	1480.1	41.6	164.0	0.000	NM_008677	
TSPD	1.6	4.9	7.4	265.3	94.0	11.8	0.000	822.9	45.7	10.0	0.000	NM_000714	
MPDU1	1.6	3.4	6.8	532.7	25.6	25.6	0.000	800.0	16.8	68.2	0.000	NM_004870	
ONG1	1.6	2.9	7.9	3067.1	79.1	256.0	0.000	4931.6	157.3	391.5	0.000	NM_004128	
KXRB	1.6	4.1	6.9	242.6	12.1	12.1	0.000	389.9	13.6	12.6	0.000	NM_005438	
SSBP2	1.6	4.9	7.8	234.0	25.9	28.5	0.000	471.1	12.9	7.8	0.000	NM_012446	
LQAL5B	1.6	5.4	7.4	730.6	28.3	3.4	0.000	1164.8	30.2	76.3	0.000	NM_002306	
ZNRH1	1.6	6.5	6.9	1218.4	54.3	95.0	0.000	1941.7	51.9	19.9	0.000	NM_005438	
RPS15	1.6	3.2	6.9	1188.7	42.4	30.4	0.000	1887.4	58.2	188.9	0.000	NM_001018	
SPAG7	1.6	3.7	7.5	373.7	15.6	53.2	0.000	591.4	13.4	5.0	0.000	NM_004890	
FIS1	1.6	3.7	6.8	240.6	14.2	40.0	0.000	900.0	23.4	44.4	0.000	NM_0	

FRAS1	-1.8	36.9	7.0	290.8	12.7	1.8	0.000	162.7	5.7	1.6	0.001	NM_025074
TNRC2B	-1.8	15.1	8.6	382.9	13.4	3.6	0.000	213.1	6.3	7.7	0.001	NM_001024843
MTXK	-1.8	6.5	8.1	1719.5	64.8	1117.9	0.000	951.7	30.3	1.0	0.000	NM_005952
VEZF1	-1.8	5.4	6.9	2844.4	141.9	123.2	0.000	1564.3	43.1	114.5	0.000	NM_007146
JARID1B	-1.8	2.5	6.7	720.5	36.5	84.1	0.000	393.2	12.7	45.4	0.000	NM_006916
RUTBC1	-1.9	21.0	9.8	1270.3	40.0	15.4	0.000	686.2	19.7	12.4	0.000	NM_014853
INPPL1	-1.9	12.8	9.3	1326.6	44.3	23.2	0.000	710.6	21.8	24.9	0.000	NM_001567
NEDD4L	-1.9	15.1	7.9	382.9	16.3	1.1	0.000	204.9	6.3	10.7	0.001	NM_015277
FREQ	-1.9	2.7	7.8	703.4	29.8	92.6	0.000	373.5	12.4	29.8	0.000	NM_014286
KPNA6	-1.9	4.6	8.9	1317.8	46.0	44.7	0.000	694.3	24.3	90.7	0.000	NM_012316
KIAA152	-1.9	6.3	7.6	4271.3	206.3	255.5	0.000	2222.9	63.7	71.8	0.000	NM_014720
TUC1	-1.9	9.2	8.7	2079.2	84.3	103.4	0.000	1066.7	32.7	7.2	0.000	NF_003323
UBQLN2	-2.0	4.2	7.7	943.0	45.1	82.6	0.000	479.1	15.2	28.1	0.000	NM_013444
C13orf23	-2.0	8.3	8.9	647.5	27.1	30.2	0.000	325.9	9.1	8.6	0.000	NM_170719
DQUIN1D1	-2.0	20.3	6.9	461.9	24.1	7.6	0.000	231.3	9.2	3.8	0.001	NM_020640
RAE22A	-2.0	8.5	8.9	599.2	24.2	20.8	0.000	299.8	9.4	14.5	0.000	NM_020673
NASP	-2.0	4.2	11.4	701.6	19.3	61.8	0.000	350.8	11.5	21.7	0.000	NM_172164
MTAP	-2.0	15.8	9.6	397.4	14.8	2.4	0.000	197.4	5.9	10.3	0.001	NM_002451
PPARGC1A	-2.0	4.6	7.6	188.4	9.2	13.2	0.001	93.3	3.2	7.4	0.009	NM_013261
FSTL1	-2.0	3.9	9.4	1331.7	52.6	86.7	0.000	657.2	19.5	88.4	0.000	NM_007085
HMGCS1	-2.0	3.5	8.3	3473.2	157.2	121.4	0.000	1702.2	55.3	382.6	0.000	NM_002130
TSPAN17	-2.1	9.0	10.1	2600.3	86.0	37.3	0.000	1266.1	45.8	110.5	0.000	NM_012171
PDZK1	-2.1	5.9	9.3	362.0	14.2	4.7	0.000	175.1	6.0	27.1	0.001	NM_002614
LAMAS	-2.1	2.7	13.1	4908.0	132.1	895.8	0.000	2326.8	64.5	64.5	0.000	NM_005560
TRIM6	-2.2	7.7	9.5	429.2	18.6	14.1	0.000	191.5	6.3	16.9	0.001	NM_001003818
SCNN1A	-2.3	2.7	11.9	1403.5	47.5	206.1	0.000	611.5	18.9	82.6	0.000	NM_001038
INSIG1	-2.3	3.2	8.6	919.7	46.1	63.1	0.000	400.6	13.9	97.6	0.000	NM_196337
CD94	-6.7	11.2	16.4	778.7	37.7	56.7	0.000	115.6	6.2	4.7	0.003	NM_013220