

Table S2. Cancer Stem Cell RT-PCR array

UniGene	RefSeq	Symbol	Description	Gene Name	Ct Values				
					Control samples (DMSO)	Trabectedin	Control samples (DMSO)	Trabectedin	
A01	Hs.404102	NM_178559	ABC5	ATP-binding cassette, sub-family B (MDR/TAP), member 5	> 35	34.62791824	> 35	34.6423035	> 35
A02	Hs.480218	NM_004827	ABC2	ATP-binding cassette, sub-family G (WHITE), member 2	26.56230354	25.8560989	26.35051346	27.2622604	27.37802887
A03	Hs.740441	NM_001627	ALCAM	Activated leukocyte cell adhesion molecule	19.92388643	19.42361259	19.80594063	19.7343826	19.73009862
A04	Hs.76392	NM_000689	ALDH1A1	Aldehyde dehydrogenase 1 family, member A1	32.79160309	> 35	> 35	33.8626671	32.97221756
A05	Hs.367437	NM_000051	ATM	Ataxia telangiectasia mutated	25.48138237	26.27412605	26.65946007	26.8424149	26.78168488
A06	Hs.434961	NM_000332	ATXN1	Ataxin 1	28.69910622	28.40320015	28.8017807	30.5985394	30.65964127
A07	Hs.590970	NM_001699	AXL	AXL receptor tyrosine kinase	22.18443298	20.26282501	20.64014244	21.8316288	21.86813736
A08	Hs.731287	NM_005180	BMI1	BMI1 polycomb ring finger oncogene	22.45745087	22.18789673	22.56258965	23.1816177	23.2315788
A09	Hs.473163	NM_001719	BMP7	Bone morphogenetic protein 7	> 35	> 35	> 35	> 35	33.67135239
A10	Hs.844105	NM_013230	CD24	CD24 molecule	30.82269669	32.01090622	32.54096222	33.4168358	33.58856583
A11	Hs.374990	NM_001773	CD34	CD34 molecule	30.68766548	> 35	> 35	32.6550751	33.02210236
A12	Hs.479214	NM_001775	CD38	CD38 molecule	29.87600708	30.75689507	31.24704361	31.5987797	31.26835251
B01	Hs.502328	NM_000610	CD44	CD44 molecule (Indian blood group)	18.56589508	19.29791641	19.6716272	19.6790848	19.73170471
B02	Hs.595920	NM_001274	CHEK1	CHK1 checkpoint homolog (S. pombe)	23.50674629	23.73058128	24.19145012	25.1826324	25.19819641
B03	Hs.129452	NM_004392	DACH1	Dachshund homolog 1 (Drosophila)	33.32581329	> 35	> 35	> 35	33.23199844
B04	Hs.631988	NM_001954	DDR1	Discoidin domain receptor tyrosine kinase 1	27.31806374	27.73367119	28.23479652	28.3424873	28.38804054
B05	Hs.40499	NM_012242	DKK1	Dickkopf homolog 1 (Xenopus laevis)	22.22657585	20.5832653	20.95852089	25.9482021	26.21537209
B06	Hs.379912	NM_005618	DLL1	Delta-like 1 (Drosophila)	31.80279922	32.93321991	33.44149399	> 35	32.86523819
B07	Hs.511076	NM_019074	DLL4	Delta-like 4 (Drosophila)	> 35	32.99955368	33.5245018	> 35	33.28374481
B08	Hs.202672	NM_001379	DNMT1	DNA (cytosine-5)-methyltransferase 1	22.29672813	22.27099991	22.63268852	23.705122	23.68962669
B09	Hs.419815	NM_001963	EGF	Epidermal growth factor	28.77316284	28.79980659	29.2942378	30.5606823	30.58444023
B10	Hs.76753	NM_000118	ENG	Endoglin	21.50151062	20.2374856	20.62214851	21.4084663	21.41252576
B11	Hs.542050	NM_002354	EPCAM	Epithelial cell adhesion molecule	26.84743881	26.40687561	26.78733063	27.5167675	27.4060688
B12	Hs.446352	NM_004448	ERBB2	V-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)	25.98839188	25.30387878	25.69655418	27.1840305	26.93240166
C01	Hs.39925	NM_000126	ETFA	Electron-transfer-flavoprotein, alpha polypeptide	20.60998726	21.49860382	21.87090683	21.7266579	21.78832817
C02	Hs.533683	NM_000141	FGFR2	Fibroblast growth factor receptor 2	> 35	> 35	> 35	> 35	> 35
C03	Hs.514308	NM_004475	FLOT2	FLOTilin 2	22.85070801	22.56836319	22.95262527	22.7822876	22.72808456
C04	Hs.155651	NM_021764	FOXA2	Forkhead box A2	> 35	> 35	> 35	33.8235512	> 35
C05	Hs.59368	NM_032682	FOXP1	Forkhead box P1	24.75917053	25.69327736	26.18506622	27.515173	27.43679047
C06	Hs.173859	NM_003507	FZD7	Frizzled family receptor 7	28.50328255	28.17119789	28.55472755	30.8813705	31.8446269
C07	Hs.524134	NM_002051	GATA3	GATA binding protein 3	28.33310127	28.94734955	29.4601841	> 35	> 35
C08	Hs.445733	NM_002093	GSK3B	Glycogen synthase kinase 3 beta	22.63050079	22.50454712	22.89160156	25.8554382	25.86398506
C09	Hs.88556	NM_004964	HDAC1	Histone deacetylase 1	22.52911377	22.36047745	22.73305511	22.4518948	22.43318176
C10	Hs.504609	NM_002165	ID1	Inhibitor of DNA binding 1, dominant negative helix-loop-helix protein	21.19396019	21.17887497	21.5928241	24.7812672	24.82170105
C11	Hs.597664	NM_001556	IKBK	Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta	23.31573677	23.78526878	24.28163528	25.5839729	25.43676376
C12	Hs.624	NM_000564	IL8	Interleukin 8	16.44286728	17.71389771	18.1779232	17.6875439	17.66521072
D01	Hs.420277	NM_002203	ITGA2	Integrin, alpha 2 (CD49, alpha 2 subunit of VLA-2 receptor)	20.42224884	20.58876038	20.95718765	21.6125431	21.66832733
D02	Hs.440985	NM_002295	ITGA4	Integrin, alpha 4 (antigen CD49, alpha 4 subunit of VLA-4 receptor)	23.86099052	23.84335518	24.33706284	23.8097992	23.85032272
D03	Hs.133397	NM_000210	ITGA6	Integrin, alpha 6	22.55976868	22.26154709	22.66254549	23.1617489	23.13596535
D04	Hs.643813	NM_002211	ITGB1	Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 including MDF2, MSK12)	18.85008049	18.82515526	19.01715776	18.3600311	18.36811638
D05	Hs.626544	NM_002144	JAG1	Jagged 1	20.19854927	20.47935295	20.86131477	23.7521362	23.71759605
D06	Hs.656213	NM_004972	JAK2	Janus kinase 2	25.9797863	26.17388916	26.5588834	29.2331696	29.54246521
D07	Hs.479754	NM_000222	KIT	V-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog	29.59159088	29.64790535	30.10953331	33.895874	31.31445313
D08	Hs.1048	NM_003994	KITLG	KIT ligand	24.67804718	24.41287041	24.80122375	26.5006809	26.31625366
D09	Hs.567674	NM_004235	KLF4	Kruppel-like factor 4 (gut)	32.13869476	32.26016617	32.65725708	32.2400742	31.96618652
D10	Hs.376206	NM_004235	KLF4	Kruppel-like factor 4 (gut)	23.56736565	23.51571083	23.91942787	28.3989743	27.58882904
D11	Hs.549084	NM_004690	LATS1	LATS, large tumor suppressor, homolog 1 (Drosophila)	25.4697876	25.24213028	25.64707375	27.3177853	26.97112083
D12	Hs.86154	NM_024674	LIN28A	Lin-28 homolog A (C. elegans)	30.44051743	30.89355087	31.39074135	32.3061295	31.94908714
E01	Hs.23616	NM_001004317	LIN28B	Lin-28 homolog B (C. elegans)	26.27332306	26.72588348	27.21602631	29.814146	30.27755928
E02	Hs.631951	NM_014757	MAML1	Mastermind-like 1 (Drosophila)	24.24419022	24.23248482	24.62286758	28.7018089	28.17237282
E03	Hs.306178	NM_006343	MERTK	C-mer proto-oncogene tyrosine kinase	27.48452187	29.93831635	30.4275074	31.9793987	30.65762901
E04	Hs.712553	NM_021950	MS4A1	Membrane-spanning 4-domains, subfamily A, member 1	> 35	> 35	> 35	33.8939362	> 35
E05	Hs.89603	NM_001018016	MUC1	Mucin 1, cell surface associated	26.93286514	27.28312492	27.6973362	28.274437	27.79351234
E06	Hs.202453	NM_002467	MYC	V-myc myelocytomatosis viral oncogene homolog (avian)	19.60655994	19.78954315	20.26994896	25.8964634	25.29705681
E07	Hs.25960	NM_005378	MYCN	V-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian)	> 35	> 35	> 35	> 35	33.24306488
E08	Hs.635882	NM_024865	NANOG	Nanog homeobox	> 35	> 35	> 35	> 35	33.41606522
E09	Hs.618430	NM_003998	NFKB1	Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1	23.76716614	23.51138306	23.90315628	27.7368603	27.81401825
E10	Hs.709191	NM_000625	NOS2	Nitric oxide synthase 2, inducible	> 35	31.9138031	32.37431335	32.2024269	31.38376808
E11	Hs.496473	NM_017617	NOTCH1	Notch 1	26.38088908	27.70619202	28.19968414	30.1515846	30.02442741
E12	Hs.487360	NM_024408	NOTCH2	Notch 2	25.39089471	26.65628433	27.1296196	24.7244396	24.8890419
F01	Hs.376675	NM_000442	PECAM1	Platelet/endothelial cell adhesion molecule	29.71582794	30.88177109	31.38418579	31.2753258	32.40872955
F02	Hs.491582	NM_009030	PLAT	Plasminogen activator, tissue	19.82366753	20.81430244	21.31004524	22.3208504	22.37555122
F03	Hs.466871	NM_002659	PLAUR	Plasminogen activator, urokinase receptor	20.84503555	21.29393578	21.66718864	21.2881584	21.246315
F04	Hs.249184	NM_002701	POU5F1	POU class 5 homeobox 1	29.6175251	30.41489983	30.84657669	30.6162624	30.86624908
F05	Hs.614734	NM_008017	PROM1	Prominin 1	33.83578973	> 35	> 35	> 35	34.70815277
F06	Hs.494538	NM_000264	PTCH1	Patched 1	32.2315712	32.09638596	32.56744003	34.992382	34.32325745
F07	Hs.654514	NM_002838	PTPRC	Protein tyrosine phosphatase, receptor type, C	> 35	> 35	> 35	32.850956	32.44637299
F08	Hs.708933	NM_021818	SAV1	Salvador homolog 1 (Drosophila)	23.9196434	24.7648716	25.22776031	25.705891	25.62654686
F09	Hs.389779	NM_012238	SIRT1	Sirtuin 1	23.8210392	24.44775772	24.84237671	28.210453	28.46232796
F10	Hs.437846	NM_005631	SMO	Smoothened, frizzled family receptor	33.99341202	33.22013855	33.62309265	33.4996681	32.4489212
F11	Hs.48029	NM_005985	SNAI1	Snail homolog 1 (Drosophila)	29.88488579	29.37061501	29.85229874	26.8116245	26.51868439
F12	Hs.732963	NM_003106	SOX2	SRX (sex determining region Y)-box 2	27.55083084	27.65388298	28.12685204	34.6294632	31.97609138
G01	Hs.483059	NM_003150	STAT3	Signal transducer and activator of transcription 3 (acute-phase response factor)	22.36824226	22.1766243	22.56256676	22.3148746	22.35523987
G02	Hs.409911	NM_000116	TAZ	Tafazzin	25.26664543	24.89922333	25.39561844	26.9404163	26.58950996
G03	Hs.494622	NM_004612	TGFR1	Transforming growth factor, beta receptor 1	24.37067038	24.58791924	24.97136688	24.9587612	24.84204674
G04	Hs.644697	NM_008288	THY1	Thy-1 cell surface antigen	26.78819466	28.1713028	28.57745552	24.9337387	25.3011837
G05	Hs.644998	NM_000474	Twist1	Twist homolog 1 (Drosophila)	24.73334694	24.18558121	24.58621979	27.8532696	27.95660019
G06	Hs.422585	NM_005719	Twist2	Twist homolog 2 (Drosophila)	31.39900017	27.67929077	28.15622727	27.5391064	27.5514431
G07	Hs.249441	NM_003390	WEE1	WEE1 homolog (S. pombe)	26.04180336	25.11119652	25.38442879	28.2802467	28.24520493
G08	Hs.248164	NM_005430	WNT1	Wingless-type MMTV integration site family, member 1	> 35	33.72942352	34.2198273	> 35	32.89624023
G09	Hs.484047	NM_015238	WWC1	WW and C2 domain containing 1	25.32138062	25.63728714	26.08603287	25.847414	25.85233498
G10	Hs.503892	NM_008106	YAP1	Yes-associated protein 1	23.51221085	22.15908241	22.57642555	22.9452705	22.80205727
G11	Hs.124503	NM_003075	ZEB1	Zinc finger E-box binding homeobox 1	23.14206123	23.16839218	23		