

## SUPPLEMENTARY TABLES

Table I. Correlations of the mRNA expression levels analyzed by COMPARE with the log IC<sub>50</sub> of ellipticine in the NCI-60 cell panel

No	Pearson Correlation Coefficient	ID	Gene Symbol	Gene Name
1	-0.639	GC410904	CREBRF	CREB3 regulatory factor
2	-0.617	GC247565	PTTG1IP	pituitary tumor-transforming 1 interacting protein
3	-0.611	GC387699	FAM214B	family with sequence similarity 214 member B
4	-0.571	GC248091	CD59	CD59 molecule
5	-0.568	GC176894	CCDC50	coiled-coil domain containing 50
6	-0.566	GC408034	FAM134A	family with sequence similarity 134 member A
7	-0.554	GC390014	NR1H2	nuclear receptor subfamily 1 group H member 2
8	-0.548	GC247348	CAP1	adenylate cyclase associated protein 1
9	-0.548	GC18956	ZMAT3	zinc finger matrin-type 3
10	-0.547	GC83465	ZNF654	zinc finger protein 654
11	-0.542	GC18374	RHEB	Ras homolog enriched in brain
12	-0.541	GC17493	KIAA1551	KIAA1551
13	-0.541	GC410864	SLC27A1	solute carrier family 27 member 1
14	-0.541	GC18132	SOX6	SRY-box 6
15	-0.538	GC400566	SERINC1	serine incorporator 1
16	-0.536	GC392363	UBXN6	UBX domain protein 6
17	-0.532	GC382151	TPP1	tripeptidyl peptidase 1
18	-0.529	GC17494	SIRPA	signal regulatory protein alpha
19	-0.528	GC409856	ABTB1	ankyrin repeat and BTB domain containing 1
20	-0.528	GC392780	ISY1	ISY1 splicing factor homolog
21	-0.527	GC387345	GRN	granulin precursor
22	0.574	GC252000	ZBTB39	zinc finger and BTB domain containing 39
23	0.579	GC383341	KIAA0101	KIAA0101
24	0.58	GC393062	GTF2H2	general transcription factor IIH subunit 2
25	0.581	GC410842	ALYREF	Aly/REF export factor
26	0.581	GC382681	CACYBP	calcyclin binding protein
27	0.581	GC386477	DDX21	DExD-box helicase 21
28	0.581	GC382068	ILF2	interleukin enhancer binding factor 2
29	0.581	GC388478	SRSF7	serine and arginine rich splicing factor 7
30	0.581	GC388125	STIP1	stress induced phosphoprotein 1
31	0.584	GC390468	PTBP1	polypyrimidine tract binding protein 1
32	0.585	GC384050	RBM14	RNA binding motif protein 14
33	0.593	GC384492	SMPD4	sphingomyelin phosphodiesterase 4
34	0.593	GC406539	TIPIN	TIMELESS interacting protein
35	0.596	GC417661	AFG3L1P	AFG3 like matrix AAA peptidase subunit 1, pseudogene
36	0.6	GC15065	AQP3	aquaporin 3 (Gill blood group)
37	0.6	GC382032	HNRNPC	heterogeneous nuclear ribonucleoprotein C (C1/C2)
38	0.604	GC409509	MCM10	minichromosome maintenance 10 replication initiation factor
39	0.604	GC15605	METTL16	methyltransferase like 16
40	0.605	GC406512	PUS1	pseudouridylate synthase 1
41	0.605	GC396848	SRRT	serrate, RNA effector molecule
42	0.616	GC394605	CDT1	chromatin licensing and DNA replication factor 1

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43	0.621	GC415340	CDK1	cyclin dependent kinase 1
44	0.621	GC31954	MRPL9	mitochondrial ribosomal protein L9
45	0.623	GC383223	DHX9	DExH-box helicase 9
46	0.624	GC383882	FANCA	Fanconi anemia complementation group A
47	0.63	GC178587	XRCC5	X-ray repair cross complementing 5
48	0.636	GC391033	CWF19L1	CWF19-like 1, cell cycle control ( <i>S. pombe</i> )
49	0.64	GC383567	RFC5	replication factor C subunit 5
50	0.652	GC388041	NOLC1	nucleolar and coiled-body phosphoprotein 1
51	0.659	GC382770	SRSF1	serine and arginine rich splicing factor 1
52	0.669	GC389746	SRSF2	serine and arginine rich splicing factor 2

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Table II. List of breast cancer stem cell regulatory genes

Separated Ms. Excel file