
CAF	Date	Histological_Type	Grade	Detail_Grade	ER Status	PR Status	HER2 Status
8	01/10/13	Infiltrating Ductal Carcinoma	III	3-3-2	ER +	PR +	HER2 -
11	19/02/14	Infiltrating Ductal Carcinoma	II	3-3-1	ER +	PR +	HER2 -
12	01/11/14	Infiltrating Lobular Carcinoma	II	3-2-1	ER +	PR +	HER2 +
15	20/05/14	Infiltrating Ductal Carcinoma	I	2-2-1	ER +	PR +	HER2 -

Supplementary Table S1.

A

SKBR3			
Pearson r	CAF-11	CAF-12	CAF-15
CAF-8	0.929	0.978	0.970
CAF-11		0.977	0.960
CAF-12			0.992

B

AU565			
Pearson r	CAF-11	CAF-12	CAF-15
CAF-8	0.942	1	0.990
CAF-11		0.942	0.902
CAF-12			0.989

Supplementary Table S2.

A

SKBR3

Gene	Value in cells treated with siScramble	Value in cells treated with siMBD2	Fold change	q-value	Significant
<i>MBD2</i>	12.2	1.6	0.1	0.0021	yes
<i>MECP2</i>	11.9	10.3	0.9	0.7721	no
<i>MBD1</i>	14.4	13.8	1.0	0.9361	no
<i>MBD3</i>	21.9	22.1	1.0	0.9895	no
<i>MBD4</i>	14.7	13.6	0.9	0.8812	no

B

AU565

Gene	Value in cells treated with siScramble	Value in cells treated with siMBD2	Fold change	q-value	Significant
<i>MBD2</i>	14.0	1.8	0.1	0.0013	Yes
<i>MECP2</i>	13.4	11.8	0.9	0.7832	no
<i>MBD1</i>	14.8	14.8	1.0	0.9990	no
<i>MBD3</i>	9.4	11.8	1.3	0.1893	no
<i>MBD4</i>	15.3	14.7	1.0	0.9453	no

Supplementary Table S3.

qPCR Primers	Forward primer (5' to 3')	Reverse primer (5' to 3')
<i>ITGB6</i>	ATC-GGT-CTG-CAC-AGC-AAG-AA	CAG-GCA-CAC-TGA-GGT-CCA-AT
<i>FHL2</i>	CTC-ATC-CAA-GTG-CCA-GGA-AT	GTG-GCA-GAT-GAA-GCA-GGT-CT
<i>STAT5A</i>	CCC-CCA-GGC-TCC-CTA-TAA-CA	AGA-GGT-GAA-AAG-ACC-GGC-AG
<i>MUC20</i>	AAG-ACC-TCA-CTG-ACC-CCA-GA	ACC-TCT-CAG-CAC-AGT-AAC-GC
<i>SERPINA3</i>	CTT-CTC-CAG-CTG-GGC-ATT-GA	GGC-CTG-TTG-AAA-CGC-ACA-AT
<i>SAA1</i>	ATG-ATG-CTG-CCA-AAA-GGG-GA	CCA-CTC-CTG-CCC-CAT-TCA-TT
<i>MBD2</i>	TCA-GAA-GCA-AGC-CTC-AGT-TG	CAG-AGC-TTG-TGT-GCA-AAG-CA
<i>GAPDH</i>	CGG-AGT-CAA-CGG-ATT-TGG-TCG-TAT	AGC-CTT-CTC-CAT-GGT-GGT-GAA-GAC
<i>PBGD</i>	GAG-TGA-TTC-GCG-TGG-GTA-CC	GGC-TCC-GAT-GGT-GAA-GCC
ChIP qPCR Primers		
<i>ITGβ6</i>	GAG-TTA-GCA-AGC-TCC-TGG-CA	CTC-CCG-GCT-TTC-CAA-AGA-GA
<i>SERPINA3</i>	GGA-GGA-GGG-ACA-ACC-ACT-TG	CAC-CTA-GAG-AGG-GGT-GTG-GA
<i>STAT5A</i>	CTG-AAG-GGA-ACT-GCT-GGA-GG	AAT-GGA-TTT-GGC-AGG-GGA-GG
<i>PARP14</i>	GAG-CAC-CTA-TTG-CCC-ACT-GT	TCA-CAA-ACT-GTG-GCC-CCT-TT
<i>UCA1</i>	TCA-CTG-TGT-GAG-GGT-TTC-GG	TCA-GGA-CTT-GGC-AAC-ACC-AA
<i>NTN4</i>	CTC-GGC-TAA-ACA-ATC-GCT-GC	TTA-GCT-GCG-TGT-GGT-TGC-TA
<i>SAA1</i>	GGT-GGT-AAC-TCC-TGC-CTT-CC	CCC-GTG-AGA-AGC-TTC-ATG-GT
<i>ETV7</i>	ACC-TAG-AAA-ACC-GGC-GAG-TG	CAC-TCA-CTT-CCC-CTT-CCA-CC
<i>PLA2G4F</i>	GCC-TTA-GGC-TGC-AGA-TGG-AT	TAG-GCC-TTG-GGA-AGA-GTG-GA
<i>FHL2</i>	GGA-AGG-TCC-TAT-CCC-CAC-CT	CTC-AAC-CTG-TGC-TCT-CCC-TG
<i>KSR1</i>	GCA-CCA-ACT-CAG-CAA-ACA-GG	TTA-CCA-CGG-TGA-AGG-CTG-AC
<i>DAB2</i>	TCG-GGG-AGA-AGT-CAA-AAG-CC	AGG-AAC-CGT-TGT-CCC-TTG-TC
<i>STAT3</i>	TCT-TAC-CAC-GCG-GGA-ATC-AG	ATG-TTT-CCG-GGT-GTG-TGT-GT
<i>CDKN2B</i>	TCG-CGA-AGC-AAG-TTG-ACT-GA	GGG-AGA-AAA-GGG-GCT-TTG-GA
<i>ELK3</i>	ACC-GAA-AAC-CCA-GAC-AGG-AA	GCT-GGG-ATG-GAA-GAG-TTG-GG
<i>PDK4</i>	GGG-GCT-GCC-CAG-ATA-CAT-TT	GAC-CTT-TTG-CAG-CAG-ACA-GC
<i>PARP10</i>	CCC-CTC-ACT-CAG-GAT-CTC-CA	CAG-GAC-AGA-AAG-CTG-CAG-GA
Pos-Ctrl	AAG-GGC-TCC-TCC-AGC-ACG-GC	TTC-TGA-GGG-ACC-GAG-TGG-GC
Neg-Ctrl	GAA-GGC-TGC-ATG-GAA-ATG-AT	GGA-TCT-GGA-TCG-GAA-GGA-AC

Supplementary Table S4.