

Supplementary Data

Table 1: Primers used to construct shGR

Primer Name	Sequence 5' to 3'
GRshRNA5'	GATCCAAGTGATTGCAGCAGTGAAATTTCAAGAGA ATTTCACTGCTGCAATCACTTTTTGGAAA
GRshRNA3'	AGCTTTTCCAAAAAGTGATTGCAGCAGTGAAATTC TCTTGAAATTTCACTGCTGCAATCACTTG

Table 2: Primers used to construct pFLAG-GR α

Primer Name	Sequence 5' to 3'
GR α 5'(+)	GGGCGGCCGCGATGGACTCCAAAGAATCATTA ACTCC
GR α 5'(-)	GAGCAAATGCCATAAGAAACATCC
GR α 3'(+)	GGCAATACCAGGTTTCAGGAACTTACACC
GR α 3'(-)	GGGGATCCGTCCTTTTGATGAAACAGAAG

Table 3: Primers used to construct GR deletion series

Primer Name	Sequence 5' to 3'
hGR α 5' TAD	GGGGATCCTTATGGACTCCAAAGAATCATTA ACTCC
hGR α 5' DBD	GGGGATCCTCTGCCTGGTGTGCTCTGATGAAGC
hGR α 5' Hinge	GGGGATCCTTCAGGCTGGAATGAACCTGGAAGCTCG
hGR α 5' LBD	GGGGATCCCACA ACTCACCCCTACCCTGG
hGR α 3' TAD	GGGCGGCCGCTCAGAGTTTGGGAGGTGGTCC
hGR α 3' DBD	GGGCGGCCGCTCACATTCCAGCCTGAAGACATTTTCG
hGR α 3' Hinge	GGGCGGCCGCTCATGGTAACGTTGCAGGAACTATTG
hGR α 3' LBD	GGGCGGCCGCTCACTTTTGATGAAACAGAAG

Table 4: Primers used to construct GABP beta deletion series

Primer Name	Sequence 5' to 3'
hGABP β 5' ANK	GGGGATCCTTATGTCCCTGGTAGATTTGGGAAAGAAGC
hGABP β 5' CT	GGGGATCCAAAGTAAATTTTGTA AACTGC
hGABP β 5' AD	GGGGATCCTTGATGGTGCCATTCAGCAAGTAG
hGABP β 5' LZ	GGGGATCCTTGAGAGAGAAGCTCTTCAGAAACAGC
hGABP β 3' ANK	GGGCGGCCGCTTATTTGCGTGTGTACATCAGCAC
hGABP β 3' CT	GGGCGGCCGCTTACACAGATTCTGCAGTAACTACTTC
hGABP β 3' AD	GGGCGGCCGCTTAAAGCTGGTGGTTCTTCACTTATAACAG
hGABP β 3' LZ	GGGCGGCCGCTTAAACAGCTTCTTTATTAGTCTG

Table 5: Quantitative real-time PCR primers for human *BRCA1* assay

Primer Name	Sequence 5' to 3'
BRCA1 5697 FU	AGATGTGTGAGGCACCTGTGG
BRCA1 5728 RL	CACTCTAAGCTCCTGGCACTGGTAGAG(FAM)G
HPRT1 273 FU	GCTGAGGATTTGGAAAGGGTGT
HPRT1 318 RL	CCATCTCCTTCATCACATCT(JOE)G

Note: FAM and JOE are fluorescent dyes used to label the primers

Table 6: Quantitative real-time PCR primers for mouse *BRCA1* assay

Primer Name	Sequence 5' to 3'
mBRCA1-fwd	GCAGCTGTGTGGGGCTTCCGTG
mBRCA1-rev	GTTGCTGTCTTCTGTCCAGGCGC
mTBP-fwd	GGCCTCTCAGAAGCATCACTA
mTBP-fwd	GCCAAGCCCTGAGCATAA