

Table W1. Sequences of Primers Used in Real-time QPCRs.

Gene	Forward (5'–3')	Reverse (5'–3')
<i>HMBS</i>	GGC AAT GCG GCT GCA A	GGG TAC CCA CGC GAA TCA C
<i>YWHAZ</i>	TGG GAA CAA GAG GGC ATC TG	CCA CCA CTG CAT CAA ATT CAT G
<i>UBC</i>	ATT TGG GTC GCG GTT CTT G	TGC CTT GAC ATT CTC GAT GGT
<i>RBM3</i>	CIT CAG CAG TTT CGG ACC TA	ACC ATC CAG AGA CTC TCC GT
<i>CHK1</i>	CAACTTGCTGTGAATAGAGTAACTGAAGA	ACAGTCTACGGCAGCCTTCAT
<i>CHK2</i>	GTGTGAATGACAACACTACTGGTTTGG	TTCITTTTCAGCAGTGGTTCATC
<i>MCM3</i>	ACCAGGAATTTATCAGAGCAAAG	CAGGTCATTCACATTGACAATCAG

Table W2. Selected Genes from the HPA for Further Validation by Western Blot in A2780 Cells.

Gene Name	Ab ID	Dilutions
<i>BNIP3</i>	ABCAM 28506	1:600
<i>HELLS/LSH</i>	SC-46665	1:500
<i>RSF1</i>	Upstate 05-727	N/A
<i>SMARCC1</i>	HPA024352	1:3000
<i>NASP</i>	HPA028136	1:250
<i>NBN</i>	HPA001429	1:250
<i>NF2</i>	HPA003097	1:250
<i>ATR</i>	SC-1887	1:1000
<i>WRNIP1</i>	HPA031752	1:100
<i>CDK2</i>	BD	1:500
<i>RAD1</i>	HPA006692	1:500
<i>NEK11</i>	HPA016908	1:1000
<i>HUS1</i>	HPA026787	1:100
<i>CCNA2</i>	SC-751	1:500
<i>CHK2</i>	Cell Signaling no. 3440	1:1000
<i>TERF2IP</i>	HPA006719	1:100
<i>POLA1</i>	HPA002947	1:250
<i>DKC1</i>	HPA001022	1:500
<i>MCM5</i>	SEROTEC MCA1860	N/A
<i>TERF2</i>	HPA001907	N/A
<i>UPF1</i>	HPA019587	N/A
<i>ORC2L</i>	Abnova H00004999-M01	N/A
<i>MSH6</i>	HPA028376	1:300
<i>MSH2</i>	BD	1:500
<i>MCM3</i>	HPA004789	1:300
<i>RFC4</i>	SC-28301	1:500
<i>CHK1</i>	Cell Signaling, no. 2360	1:1000

N/A indicates not analyzed.