

Table SVI: Primer sequences used for qRT-PCR experiments

Gene	Primer Forward (5'-3')	Primer Reverse (5'-3')
<i>ADAM12</i>	TCTTGCTGCCGATTTGTGGTT	AAGGGCGCACACACCTTAGTTT
<i>AMIGO2</i>	AGGTGCAAGAGTGACAGACACGG	CTCTTTCCTGGGTTAGTCGGTGC
<i>BLM</i>	AGCACATTGTGTCAAGTCAAGTGGG	CTGTGGCCGTAAGAGCCATCAC
<i>BRCA1</i>	AGGTGAAGCAGCATCTGGGTGTG	TGCATGGTATCCCTCTGCTGAGTGG
<i>BRIP1</i>	AGTTCAGCTTCGGTTTGTCTCGGG	AGCACACAGCTCGTAGGGGTTCA
<i>CCDC99</i>	GCCCTAGAGAAAGCTCGTGTAGC	CCACCTCTGCAAACAAAGAGTTGC
<i>CDC25A</i>	TTCCCTACCTCAGAAGCTGTTGGG	AGTGCAGGCAGCCACGAGATAC
<i>CDC45L</i>	GTGTGTGACACCCATAGGCCAG	TCTAACCGTGTGCGCTTCTCAG
<i>CDC6</i>	TCAGGAAGAGGTATCCAGGCCAG	AATACCAACACAATCATGGGGCCC
<i>CDH2</i>	CGCAGTGTACAGAATCAGTGGCGG	AGTCGATTGGTTTGACCACGGTG
<i>DCK</i>	TCAAGCCACTCCAGAGACATGCTT	TGCAGGAGCCAGCTTTCATGTT
<i>DKK1</i>	ATTGACAACACCAGCCGTACCCG	AGTAATCCCGGGGCGAGCACATAG
<i>DTL</i>	TATGGAAGGTCTCCACACCTGG	GTGAAGTCAGATGGACACCAGCAC
<i>E2F7</i>	CCTGTGCCAGAAGTTTCTAGCTCG	GCGTCTCCTTTCCACACCAAGAC
<i>HIST1H1B</i>	TCTTGCCACCATGTCCGAAACCG	CGGCAGCCTTCTTAGTTGCCTTC
<i>HIST1H4B</i>	ACCGAAAAGTGTGCGGGATAAC	ACCGGAAATTCGTTAACCCAC
<i>ITGA2</i>	TGTTAGCGCYCAGTCAAGGCATTT	TGCTGCACTGCATAGCCAAACTGT
<i>LAMC2</i>	AGGTTGATACCAGAGCCAAGAACGCT	TCATCTACACTGAGAGGCTGGTCCAT
<i>MTHFD2</i>	TCTCTAATGTCTGCTTTGGCTGCC	CAACAGCTTCATTTGAACTGCCG
<i>PCDH10</i>	CCAACGAGACTAAACACCAGCGAG	CTATGTCGGCTTCTGGAATGCAG
<i>PCOLCE2</i>	TGCTGAACCAACGAAAGAGGGGA	ATGTGCCACACACAAGTGACTCCT
<i>PODXL</i>	TTCCAGGAAGTCAGACCGTGGTC	ACTGACCCCTGCCTCCTTAGTTC
<i>RAD51</i>	GGCAATGCAGATGCAGCTTGAAGT	TTATGCCACACTGCTCTAACCGTG
<i>RAD51AP1</i>	GCAGTGCCCTTTACAAAGATGGCT	GTGGTGAAGTGTGGAAGTTCTTCA
<i>E2F1</i>	CCGCCATCCAGGAAAAGGTGTG	TTCAGGTCGACGACACCGTCAG
<i>GAPDH</i>	TGCACCACCAACTGCTTAGC	GGCATGGACTGTGGTCATGA
<i>HPRT1</i>	TGACACTGGCAAAACAATGC	GGTCCTTTTACCAGCAAGCT
<i>SDHA</i>	TGGGAACAAGAGGGCATCTG	CCACCACTGCATCAAATTCA
<i>HMBS</i>	GGCAATGCGGCTGCAA	GGGTACCCACGCGAATCAC
<i>Brca1</i>	AGAAGAAAAGGGCCTTCACAATGTCC	ACCATTTGTAAGCTGCATTCCCCTG
<i>Brip1</i>	GGGACGCGGACACACAAGCAG	ACTTCCCGTGCTTGCCATCCAG
<i>Msh2</i>	TGGCATTAAAGGCTTCTCCCGGC	ACCCATAACGCCAACGGAAGCTG
<i>Blm</i>	AGTGCTGCAACGACCCCTCG	AGCCATGATCCTCATCTGGCATCC
<i>Rad51</i>	AGATGGAGCAGCCATGTTTCGCTG	TCTCAGGTACAGCCTGGTGGTTG
<i>Rad51ap1</i>	AAGTACCATCTCAAGCCAAGGC	TTTCTGAACCTTACCAGTGGCG
<i>B2m</i>	TCGCGGTGCGTTCAGTCGTC	TTCTCCGGTGGGTGGCGTGA
<i>Tbp</i>	CCACACCAGCTTCTGAGAGC	GACTGCAGCAAATCGCTTGGG
<i>Tubb5</i>	GACAGTGTGGCAACCAGATCG	CTGCAGGTGCGCTGTCACCGT
<i>Ywhaz</i>	TGAGCAGAAGACGGAAGGTGC	GCGAAGCATTGGGGATCAAGA