

GENE	Forward primer	Reverse primer
<i>GAPDH</i>	cgaccactttgtcaagctca	ccctgttgctgtagccaaat
<i>B2M</i>	gctcgcgctactctctctt	ttcaatgtcggatggatgaa
<i>ARHGDIB</i>	ctcggcctgaggagtatgag	gtggctctgctgtcatcgt
<i>CAPZA2</i>	tacgtcgacagttgccagtt	tctgcatctcttggccaatc
<i>CAPZB</i>	atatcgtcaatgggctgagg	ctctcaaagcctccaccag
<i>SNTB2</i>	ctgctgagctgatcaaggaa	cggtaacaatatgctgctgga
<i>PHACTR2</i>	agaggcccacaaactgaagaa	ggctgagcttctgctgagt
<i>TUBA1A</i>	ccaagcgtaccatccagttt	agtgggaggctggtagtga
<i>CAV1</i>	cgtctgtgaccactctttg	gatgcggacattgctgaata
<i>CDC42</i>	tacgaccgctgagttatcca	atctcaggcaccacttttc
<i>IL8</i>	ctgcgccaacacagaaatta	acttctccacaaccctctgc
<i>LSM3</i>	gacgacgtagaccagcaaca	cgaagctctcggtcatttct
<i>MSN</i>	aaggagagtgaggctgtgga	gctctgccacatgagggtga
<i>PTPN11</i>	atatggcgtcatgcgtgtta	tccgtattccctgtccaac
<i>SMAD2</i>	gtgcaatcttgtgcagagc	agcagcaaaattcctggtgt
<i>SNTB2</i>	ctgctgagctgatcaaggaa	cggtaacaatatgctgctgga
<i>FADD</i>	gacctccagaacaggagtgg	atgcgtctgagttccatgac
<i>KLF11</i>	gccggaagacactactcaaa	gctgcagtgaaaggcttct
<i>VAMP7</i>	gctcgagccatgtgtatgaa	tccaccacagagaggtgaaa
<i>YWHAE</i>	gcagaactggatacgtcgag	cctgcatgtctgaagtccat
<i>DAZAP2</i>	tgggtgaaggagggtatgat	aggaggtggaggaggaatgt
<i>FOXN1</i>	tgatggatctcagcaccact	gggacggagatgagggtctaa
<i>CDC25A</i>	cccaaactccactaccctga	gcggaacttcttcagggtctt
<i>CKS1B</i>	atagccaagctggtccctaa	tgtgaggttctggttcatgg
<i>IFI16</i>	catggacgactgaccacaat	cctggtcttgatgacctga
<i>NCL</i>	ttcaacagtgaggaggatgc	agccaccttcacccttaggt
<i>NPM1</i>	ggtggttctcttccaaagt	agcctcttggtcagtcaccc
<i>POLR2G</i>	tgattcagcaggacgatgag	tcagcttacaagccccaagt
<i>S100A11</i>	tgccctcacaaagaaccaga	ccttgaggaaggagtcattgg
<i>SKP1</i>	accctcctcctctgaagat	cttgggtccaaacagggata
<i>TRIM32</i>	tcgccagattagccactct	tggagaatttcttgcgact
<i>UBC</i>	cgtgaagaccctgactggta	cttggatcttgccttgaca
<i>XRCC5</i>	cctgaaagccctcaagaga	agaggcttctcttgggtga

Additional File 3:

Primer sequences for real-time PCR validation of Figure 2.