

Additional File 1

Primer and probe set for qRT-PCR

Gene	Sequence
<i>PSPH</i>	Sense: 5'-GATGCTGTGTGTTTTGATGTTGAC -3' Antisense: 5'-CTTGACTTGTTGCCTGATCACATT -3' Probe: 5'-FAM-CGATTCCTTCTTCACTGATGA-BHSQ-3'
<i>PSP</i>	Sense: 5'- CAAGCTCTGCCTCCCAGGTT -3' Antisense: 5'- GGCGGATCACAAGGTCAGGA -3' Probe: 5'-FAM- CGCCATTCTCCTGCCTCAGCCTCC-TAMRA -3'
<i>PSP Homologue</i>	Sense: 5'- GTTGGGTGTCCGCAGGCTTC -3' Antisense: 5'- CTTCTGCGCTACCTTGCGATC -3' Probe: 5'-FAM-TGCCCCGCCACTTCCCGCAGGAC-TAMRA-3'
<i>SOS1</i>	Sense: 5'-ACCAAATTCTCCAAGAACACCGTT-3' Antisense: 5'-GGAGGAGGGACAGGCACTTC-3' Probe: 5'-FAM-CCTCCGCCTGCTTCTGGTGCTTCC-TAMRA-3'
<i>AMFR</i>	Sense: 5'-TCAGGGAAGAACATCAAGGAGAGA-3' Antisense: 5'-TGGTGGTGTGCATCACTTCAAC-3' Probe: 5'-FAM-AACTCGGCAGCCAGCTCGCAATCC-TAMRA-3'
<i>HSGP25L2G (TMED9)</i>	Sense: 5'-GGACCTCCTGGAAGTGAAGTCTT-3' Antisense: 5'-GCCTTCAGCTTGTGCCTGTG-3' Probe: 5'-FAM-TGCCTCCAGCCCCCTCTCCCTTCCA-TAMRA-3'
<i>Cxorf12</i>	Sense: 5'-CACCACCTCGGCTACCTACTT-3' Antisense: 5'-CCTGTGAGGCACTGGAAGAGA-3' Probe: 5'-FAM-CCACCGTGCGAGCTGATGGTCACA-TAMRA-3'
<i>EIF4B</i>	Sense; 5'-TCGGTTTCTTGATGTCTTTTGGTT-3' Antisense: 5'-ACTGTCCCTGTCCCTATTTATCCA-3' Probe: 5'-FAM-TGCCTGCTCCTGATGCTTGGACCC-TAMRA-3'