

**Table S2 - Sequences of semi-quantitative RT-PCR primers used to sequence full-length *TOPAZ1* cDNA in sheep (ov, ovin)**

Gene	Primers	Annealing temperature (°C)	Elongation time (sec)	Cycles	MgCl <sup>2</sup> (mM)	Size (bp)
ov <i>TOPAZ1</i> exon 1	5' -CCACGCGTCGACTAGTACGG-3' 5' -TTACCAGGTCAATCCCTGGC-3'	55	30	35	2,5	421
ov <i>TOPAZ1</i> exon 2A	5' -GAAGCCTCAAGTGATGATCC-3' 5' -GGTACATGCATACATCCTCC-3'	55	30	35	2,5	398
ov <i>TOPAZ1</i> exon 2B	5' -GGCTAC ACAAACAGTAAGG-3' 5' -GTTCTTTTGCCAGTCATTGG-3'	55	30	35	2,5	912
ov <i>TOPAZ1</i> exon 2C	5' -TGAAAAGAGGTCTTCTAGGG-3' 5' -TCTCTCTCTGATGACTTGGC-3'	55	30	35	2,5	744
ov <i>TOPAZ1</i> exon 2D	5' -AGATACTGAACACAGGACGG-3' 5' -TGCTCTTCAGCAACATTGGG-3'	55	30	35	2,5	672
ov <i>TOPAZ1</i> exon 2-8	5' -CAGACCTCTTTGGAGTCTCC-3' 5' -AGTGGCTTCTGGAACACCCC-3'	59	30	35	2,5	652
ov <i>TOPAZ1</i> exon 8-15	5' -ACAGTGCAAGTTTGGTCACG-3' 5' -TCATTCCGATTCTTCCCAGC-3'	56	30	35	2,5	776
ov <i>TOPAZ1</i> exon 14-18	5' -GACTGTAAAGAAGAGCGACC-3' 5' -GCTCTGGCTTTGAGCCATAA-3'	56	30	35	2,5	677
ov <i>TOPAZ1</i> exon 18-20	5' -ACAGCCTTGGTATGTCATCC-3' 5' -ATCTTTCCACTGCAGCTTGG-3'	56	30	35	2,5	378
ov <i>TOPAZ1</i> exon 19-20	5' -GCTAGTAGTATTCAGAGTCC-3' 5' -AAAAGCCAAACCTTTCCGGC-3'	53	30	35	2,5	267