

**Supplementary Table 1. Additional  $\beta_2$ -microglobulin primers used for genomic PCR**

Primer name	Sequence 5'~3'	Nucleotide position <sup>a</sup>	Amplicon size (bp)
B2UP-10-F	GATCACTTGAGGTCAGGAGTT	14771-14791	353
B2UP-10-R	TCTCTTTATGTTGCCTAGGCT	15103-15123	
B2UP-9-F	GTTGCCCATATGTAACAGCT	20105-20125	259
B2UP-9-R	GGTAAAATCTGTTTTGGAAC	20343-20363	
B2UP-6-F	CCCAGGCTAGAGTGCAGTGGT	22721-22741	218
B2UP-6-R	TACAGGCCAGGCATGGTGGCT	22918-22938	
B2UP-8-F	CTCCAGCCTGGGTGACAGAGT	25002-25022	337
B2UP-8-R	GGATCATGGGGGCAGATCCCT	25318-25338	
B2UP-5-F	CCCTAGGTTTGGAAGGTCTT	28431-28451	354
B2UP-5-R	AGCACTTTGGGAGGCCAAGGT	28764-28784	
B2UP-4-F	AGTCTTTGCAGTCTGGGCTGT	29603-29623	273
B2UP-4-R	CATGGCAGTGCCTCTATGAGT	29855-29875	
B2UP-1-F	GTGGAGGCGTCTATTCAGCCA	31635-31655	560
B2UP-1-R	CCAGCCACTCCACCCAAGGT	32175-32194	
744-F	CTCTAACCTGGCACTGCGTC	34754-34773	283
468-R	TGAG AAGGAAGTCACGGAGC	35018-35037	
675-F	CCCGATATTCCTCAGGTACTCCAA	38754-38777	951
262-R	ACCTCCATGATGCTGCTTAC	39685-39704	
530-F	TCCACAGGTAGCCTCTAGCAG	41145-41164	376
512-R	GGAGTGAGATATAAGAGATAACACAT	41493-41518	
B2DO-1-F	GGCATGAGCCACTGTGCCCT	43865-43885	586
B2DO-1-R	AGCCTCAGGATGGTGCTAGTC	44430-44450	
B2DO-2-F	TCCAGCCCGGGCAAGAAGAGT	49773-49793	309
B2DO-2-R	GAGCCGGAAGTACCTCGGAGT	50061-50081	
B2DO-3-F	CCAGATACTGGGGTCGTCCTT	55791-55811	239
B2DO-3-R	TCTGACCTCCCATCCCGTCAG	56009-56029	
B2DO-4-F	TTTCAGGGGCCCTTGAATCCT	60620-60640	357
B2DO-4-R	CACTCCTTTCCAACCTCTGCCT	60955-60976	
B2DO-4-2-1-F	TCGACAGCAGCATTCGCGGTT	63427-63447	753
B2DO-4-3-R	GTGCTCCTGTATTGGGTGCAT	64159-64179	
B2DO-4-3-F	ATGCAGAGACACATAGGCT	63956-63976	224
B2DO-4-3-R	GTGCTCCTGTATTGGGTGCAT	64159-64179	

<sup>a</sup> Designated according to NCBI GenBank Accession AC018901