

1 **Supplementary Table S1.** Details of primers for amplification of different coding regions of
 2 Holstein cow β -casein gene

Primer	Region	Primer Sequence (5'-3')	T _m	Product Length
1	Exon 4	Forward AGAACTCAATGTACCTGGTGAGG	65	380bp
		Reverse TCCTTCTCCAAGGCATGAAA		
2	Exon 5-6	Forward CACCTGGGAAGCCCGATTAG	66	723bp
		Reverse AGGGGATCACAGTCCCTAGTC		
3	Exon 7	Forward AGGCAACTCAGGAAGAGGTG	66	995bp
		Reverse ATCTCCACGGGTAAGCCTAGA		

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