

Amplicon	Primers	Sequence	Tm °C	Size (bp)
1	<i>Cf CSN1S2 Prom F4</i> <i>Cf CSN12 Ex 1 R</i>	5'-ATAACTGTCAGTGATTTCTC-3' 5'- TGAAGGGAAGACAAGTA-3'	53.6	791
2	<i>Cd CSN1S2 Prom F</i> <i>Cd CSN1S2 Int 1 R</i>	5'- CACACAAACACAAACTATAAATAA-3' 5'- ACATAATGTAAAATCTTGGTTTC-3'	54.1	925
3	<i>Cd CSN1S2 Int 1 F</i> <i>Cd CSN1S2 Int 3 R1</i>	5'- TTTCATTACTGTATCTTCACG-3' 5'- AATTTTCTCTGACTCTGTAC-3'	53.9	1194
4	<i>Cd CSN1S2 Int 2 F</i> <i>Cd CSN1S2 Ex 4 R</i>	5'- AAACAGAATTCTAAAAGCCC-3' 5'- CTGAGAGACGTTGATAGATT-3'	55.3	995
5	<i>Cd CSN1S2 Int 3 F</i> <i>Cd CSN1S2 Int 6 R</i>	5'- ATATTTTTCCTCTCTTCTCTG-3' 5'- AGAATCTGGGAATCAAATATAT-3'	54.7	1033
6	<i>Cd CSN1S2 Ex 6 F</i> <i>Cd CSN1S2 Int 7 R</i>	5'- GACATCTGCTCCACATTT-3' 5'- TATATAATCAAAATCTGGTGA-3'	53.4	1340
7	<i>Cd CSN1S2 Int 7 F1</i> <i>Cd CSN1S2 Ex 8 R</i>	5'- CCTGGTTACATTGCTTTTAT- 3' 5'- ACTTCAGCTGATTCCTTA-3'	54.3	1166
8	<i>Cd CSN1S2 Int 7 F</i> <i>Cd CSN1S2 Int 8 R1</i>	5'-CTGTAAGGAACATAAAGGAAG -3' 5'- CAGAACCAAATTACTTAGACCT-3'	57.7	1897
9	<i>Cd CSN1S2 Int 8 F</i> <i>Cd CSN1S2 Int 10 R</i>	5'- TTAAAGGTCTAAGTAATTTGGT-3' 5'- TTATTGCTTACAAAAGTAGATC-3'	53.8	869
10	<i>Cd CSN1S2 Ex 10 F</i> <i>Cd CSN1S2 Int 12 R</i>	5'- ATACAGAACACAGAGCAG-3' 5'- TAGTATGAGAGATGAAAAAGAA-3'	54.8	1587
11	<i>Cd CSN1S2 Ex 12 F</i> <i>Cd CSN1S2 Ex 14 R</i>	5'- GGAAAATTCAAAAAAGACTGTT-3' 5'- TTCTTCAGTCAATTCAGTTTTC-3'	53.9	1490
12	<i>Cd CSN1S2 Ex 12 F</i> <i>Cd CSN1S2 Ex 15 R</i>	5'- GGAAAATTCAAAAAAGACTGTT-3' 5'- AGAGGAATGTCTGATAATAT-3'	52.6	2405
13	<i>Cd CSN1S2 Ex 15 F</i> <i>Cd CSN1S2 Ex 16 R</i>	5'- ATCTCAAGACTGTTTATCAATA-3' 5'- CATAATCAAGTAGAAGCAGT-3'	54.1	885
14	<i>Cd CSN1S2 Int 15 F</i> <i>Cd CSN1S2 Int 16 R1</i>	5'- AGCTTTTGATTTTGACAAAGTCACTT-3' 5'- GCATACCAAAGTAATATTTATA-3'	56.05	2057
15	<i>Cd CSN1S2 Int 16 F</i> <i>Cd CSN1S2 3-End R</i>	5'- GGATAATTAAATGTTTCCTTCAAAA-3' 5'- GTGAGAAGTAAAAGTGAAGT-3'	54.3	767

Table S1. Amplicons, sequences and annealing temperatures of the primers used for the characterization of *CSN1S2* gene in the Old World camels (*C. bactrianus* and *C. dromedarius*).