

Buffalo	TCCTTTTCCTATTTGAAAGCAGTCTGTTGTTCCATGTCCAGTTCTAACTGTTGCTTCCTG	60
Cattle	TCCTTTTCCTGTTTGGAAACCAGTCTGTTGTTCCATGTCCAGTTCTAACTGTTGTTTCCTG	60
Sheep	TCCTTTTCCTGTTTGGAAATCAGTCTGTTGTTCCATGTCCAACTCTAACTGTTGCTTCCTG	60
Goat	TCCTTTTCCTATTTGGAACCAGTCTGTTGTTCCATGTCCAGTTCTAACTGTTGCCTCCTG	60
	***** **	
Buffalo	ACCTGCATACAAATTTCTCAAGAGGCAGATCAGGTGGGCTGGTATTCCCATCTCTTTC--	118
Cattle	ACCTGCATACAAATTTCTCAAGAGGCAGGTGAGGTGGTCTGGTATTCCCATCTCTTGA--	118
Sheep	ACCCACATACAGATTTCTCAAGAGGCAGGTAGGTGCTCTGGTATGCCTATCTCTTTC--	118
Goat	ACCTGCATACAGATTCCTCAAGAGGCAGGTAGGTGGTCTGGTATTCCCCACCCNTTNC	120
	*** *****	
Buffalo	-AGAATTTTCCACAGTTTATTGTAATCCA-GACAGTCAAAGACTTTGGCATAGTCAGTAA	176
Cattle	-AGAATTTTCCACAGTTCGTTGTGATCCG-CACAGTCAAAGGCTTTGGCATAGTCAATAA	176
Sheep	-AGAATTTTCCACAGTTTATTGTGATCCA-CACAGTCAAAGGCTTTGGCATAGTCAATAA	176
Goat	TNANATTTTCCACAATTTATTGTGATCTAACACAGTCAAAGGCTTTGGCATAGTCAATAA	180
	***** **	
Buffalo	AGCAGAAATATATGCTTTTCTGGAACCTCTCTTGCTTTTCAATGATCCAGAGGATGTTGG	236
Cattle	AGCAGAAATAGATGTTTTTCTGGAACCTCTCTTGCTTTTCCATGATCCAGCGGATGTGGG	236
Sheep	AGCAGAAATAGATGTTTTTCTGGAACCTCTCTTGCTTTTCCATGATCCAGCAGATGTTGG	236
Goat	AGCAGAAATAAATGTTTTTCTGGAACCTCTCTTGCTTTTGTGATGATCCAGAGAATGTTGG	240
	***** **	
Buffalo	CAATTTGATCTCTGGTTCCTCTGCCTTTTCTAAAACCAGCTTGAACATCAGGAAGTTTAC	296
Cattle	CAATTTGATCTCTGGTTCCTCTGCCTTTTCTAAAACCAGCTTGAACATCAGGAAGTTTAC	296
Sheep	CAATTTGATCTCTGGTTCCTCTGCCTTTTCTAAAACCAGCTTGAACATCAGGGAGTTTAC	296
Goat	CAATTTGATCTCTGGTTCCTCTGCCTTTTCTAAAACCAGCTTGAACATCAGGGAGTTTAC	300

Buffalo	GGTTCACGTATTGTTGAAGCCTGGCTTGGAGAATTTTGAGCATCACTTTACCAGCGTGTG	356
Cattle	GGTTCACATATTGCTGAAGCCTGGCTTGGAGAATTTTGAGCATTACTTTACTAGTGTGTG	356
Sheep	GGTTCACGTATTGCTAAAGCCTGGCTTGGAGAATTTTGAGCATTACTTTACTAGCATGTG	356
Goat	AGTTCATGTATTGCTGAAGCCCGCTTGGAGAATTTTGAGCACTACTTTACTACCGTGTG	360

Buffalo	AGATGAGTGTAAGT-GTGTGGTAGTCTGAGCGTTCTTTGGCATTGCCTTTCTTTGGGATT	415
Cattle	AGATGAGTGCAATT-GTGGGGTAGTTTGAGCATTCTTTGGCATTGCCTTTCTTTGGGATT	415
Sheep	AGATGAGTGCAAAT-GTGTGGTAGTCTGAGCATTCTTTGGCATTGCCTTTCTTTGGGATT	415
Goat	AGATGAGTGCAATTTGTGCAGTAGTTTGAGCATTCTTTGGCATTGCCTTTCTTTGGAATT	420
	***** **	
Buffalo	AGAATGAAAAGTGACCTTTTCC-AGTCCTGTGGCCACTGCTGAGTTTTCCAAATTTTCTG	474
Cattle	GGAATGAAAAGTGACCTTTTCCAGTGTGTGGCCACTGCTGAGTTTTCCAAATTTGCTG	475
Sheep	GGAATGAAAAGTGACCTTTTCC-AGTCCTGTGGCCACTGCTGAGTTTTCCAAATTTGCTG	474
Goat	GGAATGAAAAGTGACCTTTTCT-AGTCCTGTGGCCACTGCTGAGTTTTCCAAATTTGCTG	479
	***** **	
Buffalo	GCATATTGAGTGCAG	489
Cattle	GCATATTGAGTGCAG	490
Sheep	GCATATTGAGTGCAG	489
Goat	GCGTATTGAGTGCAG	494
	** *****	

Additional File 6