

A

Mouse	-439:ACTCTTGGATGGGACGGGCTTCACGTCACTCCGGGTCTCCCGGCCGGTCC
Rat	-439:G.....T.....T.....
Human	-439:G..G.C.....-
Cow	-439:GT.....GA.....A.....T
Dog	-440:GA...C..G.A.-.....G...T

Mouse	-389:TTCCATATTAGGGCTTCCTGCTTCCCATATATGGCCATGTACGTACACGGC
Rat	-389:.....
Human	-390:.G.....A.
Cow	-390:.G.....C.....A.
Dog	-391:.G.....A.

B

Mouse	-460:TCCATATTAGGACATCTGCGTCAGCAGGTTCACACGGCCGGTCCCTGTTG
Rat	-457:.....
Human	-470:.....TT.....A.
Cow	-478:.....T.TC.G..CA.
Dog	-474:.....T.....CG.

Mouse	-201:ATCCATTACAGCGC-TTCTATAAAGGCGCCAGCTGAGGCGCCTACTACT
Rat	-196:..T..A-----..CG.....
Human	-205:..T...--.A.A..T.GT...A..AGTG...C.....CG....
Cow	-207:..T...--.A.AT.-.GT...A...GTG...C.....G....
Dog	-204:..T...--.G.AT.-.G...T...GT-...C.....CG....

C

Mouse	-641:AACCGCTGAGCTCAGCGGCTGACGTTCGGTTTCCCTGGCGACCGCGGCTGT
Rat	-623:.....
Human	-642:.....A.....T...G.C
Cow	-498:.....C.....A.G.C
Dog	-602:.....T.....G.C

Mouse	-524:ATAAAATTAGCCCGGAAGCCTAAATATAGGAGGCGATCAGCTCACCCCCT
Rat	-506:.....
Human	-525:.....T..G.....C.....T..
Cow	-381:G.....G.....T.GCAG...AT...
Dog	-485:.....G.....C.G..TG....

D

Mouse	-1900:GCCAGACGACCGGGGCGTCACGAGGTGAAGGGTGGCGCGATTGGGTTGCC
Rat	-1983:.....CA.....
Human	-1972:..GC.GA...CCA.....G.....T...G.-.T..C...
Cow	-2000:..G...TA..GT.....T...AA..TG.-A...C..T

Mouse	-1627:CGTGTGCAGAAGTATAAAT-AAAATCGCTTTAGT----ATTTTGCCTGGA
Rat	-1726:.....CA.....A.....T.....
Human	-1690:-----C.CA.....A.....GTCT....A..T..
Cow	-1768:.....-...C.G.G...C..GTCTG.....T..