

Supplemental Material to:

de la Casa Esperón E, Cordier G, Engel N. A genomic reservoir for Tnfrsf genes is developmentally regulated and imprinted in the mouse. *Epigenetics* 2012; 7(6);

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<http://www.landesbioscience.com/journals/epigenetics/article/20243/>

Table S1.

| | Primers | Product size (bp) | Location | Polymorphism | | |
|-----------------|---------|--------------------------------|----------|---------------------|-----------|---|
| | | | | C57BL/6J | B6(CAST7) | |
| <i>Tnfrsf26</i> | 26F | TAACCCTGTGTAAGATTGGTGAGTT | 282 | Exon 2 | T | C |
| | 26R | CCAAACAGTTTTTCAGAGTCACAGTA | | Exon 4 | | |
| <i>Tnfrsf22</i> | 22F | AGGTAAAATTTGCTATGCT | 295 | Exon 2 | T | G |
| | 22R | TAGTAGTAAAGACCTGTTCGGCACT | | Exon 4 | | |
| <i>Tnfrsf23</i> | 23F | AGGAACATTCACAGGGAAAGATAAT | 361 | Exon 3 | T | C |
| | 23R | GTTTCTCTTCACAGCAATAAAAGGA | | Exon 6 | | |
| AK155734 | A-F | CTGTCAGTAACTGTTTTGGTCCTGT | 367 | | G | A |
| | A-R | GTTGACTACATTGGACCACTTCCTT | | | | |
| | B-F | CAGAGTCCTGGATTTCAATGG | 204 | | | |
| | B-R | CAGCCTGAGGGAAGACAAGA | | | | |
| | C-F | ACCAACAGATTTATATTACAGAAGAAAACA | 374 | | | |
| | C-R | GGGTTGTAGTTTAAGGATGACTAGAGTATT | | | | |
| | D-F | TGACCCCTTCCATTTCTGAC | 268 | | | |
| | D-R | GAAAGTCCAGTCCCACTTGC | | | | |
| | E-F | GCTTATGCATCTACTTCTGAGAACC | 575 | Predicted Exon 1 | | |
| | E-R | GGGGAATCTAAACTCTGAGTCTCTT | | Predicted Exon 3 | | |

Appendix 1

NUCLEOTIDE SEQUENCES:

>Mouse_Tnfrsf22 (Mus musculus)

AGGTAAAATTTGCTATGCTAGAATTACACTCCTTCAAATGTCCCGCTGGTGA
ATACTGGTCTAAAGACGTCTGTTGCAAGAAGTCTTCTGCAGGTACATTTGTC
AAGGCGCCCTGCGAAATCCCCATACTCAAGGACAATGTGAGAAGTGTAC
CCAGGAACATTCACAGAGAAAGATAATTACCTGGATGCTTGTATACTTTGCT
CCACCTGTGATAAAGATCAGGAAATGGTGGCCGACTGCTCAGCCACCAGTG
ACCGGAAATGCCAGTGCCGAACAGGTCTTTACTACTATGACCCAAAATTTCC
AGAATCGTGCCGCCCATGTACCAAGTGTCCCCAAGGAATCCCTGTCCTCCA
GGAATGCAACTCCACAGCTAACACTGTGTGCAGTTCATCTGTTTCAAGA

>Mouse_Tnfrsf23 (Mus musculus)

GTAATATTTGCTATGCCTGAATCATACTCCTTCAACTGTCCCGATGGTGAATA
CCAGTCTAATGATGTCTGTTGCAAGACCTGTCCCTCAGGTACATTTGTCAAG
GCGCCCTGCAAATCCCCATACTCAAGGACAATGTGAGAAGTGTACCCCA
GGAACATTCACAGGGAAAGATAATGGCCTGCATGATTGTGAACTTTGCTCCA
CCTGTGATAAAGACCAGAATATGGTGGCTGACTGTTCTGCCACCAGTGACC
GGAAATGCGAGTGCCAAATATGTCCCCAAGGAATCCCTGTCCTCCAGGAAT
GCAACTCCACAGCTAACACTGTGTGCAGTTCATCTGTTTCA

>Mouse_Tnfrsf26 (Mus musculus)

GTAGCAGTCTGCAGTGTAACACTATAACCCTGTGTAAGATTGGTGAGTTCA
AACATGAGAACCTCTGCTGCCTACAATGTTCTGCTGGCACTTACCTCCGGAA
TCCATGCCAGGAGAACCATAATAAGAGTGAATGTGCTCCATGTGATTCTGAA
CACTTCATAGACCACAAAACAGAGAATCTGAATGCTTTCCCTGCTCTGTGT

GCCGGGACGACCAAGAAGAAGTGGCCAAATGTTCCCGTACAGCTGATCGT
GTGTGCCAGTGTAAGCAGGGCACCTACTGTGACTCTGAAAAGTGTGGAG
AGGTGCCACACATGCTCCAGCTGCCCTGACGGCAGAGTCGTCAGGAAATG
CAATGCCACAATGGACACTGTGTGTGACAAGTTTGAAGCTCAGAGCCA

>Rat_A (Rattus norvegicus)

CTAAAGACGCTAAGCCTACCTAAAGCCACCTAGCCCCTTATCCCTGTGTACC
TGGAGCAAGGCTTACCTCATTGTCTGATCCCCAGGTATGTTTGTCCAGGA
GCCCTGCACGATTCTCATAACCAAGGACGGTGTGAGACGTGTCCCCCAG
GATCGTTCTCAAGGAGTGCTAATGACCTCAACTCTTGTATACCTTGCTCCAC
CTGTACTAAAGAGCAGGAAATGGTGGCCGACTGCTCTGCCACCAGTGACCG
GGTATGTCAGTGCCAAACAGGTCATTACTACTATGACCCGGAAGTTCCAGA
GTTTTGCTGCCCATGTACCACGTGCCCCCAAGGAATCCCTGCCCTTCAGGA
ATGCAACCCACCAACGACACAGTGTGCCGTCAGTCTGCTTCAAGT

>Rat_B (Rattus norvegicus)

TCTTCAAGGTAAGCAGCACAACCCAGTGTGAGTCGAATGAGTTTAAACACG
AGAAGTTCTGCTGCCAACTCTGCCCTGCTGGCACTCACCTCATTAAATCCATG
CCACAGGAACCGTGGTGAGAGTGAATGTGCCCCATGTCAAGCTCAGCACTT
CATAGATGTGAACAACAGGGAACCTGTCTGCTCTCGCTGCTCTAAGTGCCG
GGATGACCAAGAAGAAGTGTCCGAGTGCTCCAGTACTGCTGATCGTAAGTG
CTGGTGTAAGCAGGGCACCTACTGTGATTCTGAAAAGTGTGGAGATGTG
CCATGATTGCAGCAGCTGTCCTGAGGGCAGAGTCATCCAGGAATGCAATGC
CACAATGGACACTGTGTGTGAC

>Human (Homo sapiens)

GCAGGAGTCCAGGCCATTGGGGAAGGCTGTAAGTGTCACCTGGTCACACTT
CATACTTTTCCTTGGGTGTAGGAGTTCACACAGGGTTCACCAACACACTCA
CCTGGGCAAGAGGCTGGGCAGAGGTCAGATCC

>Pig (*Sus scrofa*)

GGCCAGTATGTCAGCCAACCGATGGCCGGGGACCACGGTGTTCGTAGCGTG
CAGGCCGTGTCAGCCTGGAACCTTCAGTCCCTACGCCAGCGAGGAGACCA
GCTGCCTGCCATGTGCCCTGTGCCGGAAGGATCAGGAGGTAGTGACCGAG
TGCTCCCCGACCAGAGACCGGCAGTGCCAGTGCAAGCGGGGCCACTTCTT
CTGCGACTCCATGGACTGCGAGGAGAACTGCTTCCGGTGTTCAGAGGTGTG
AGCACAGCGCCGTCCTTCGACCCTGCAATGCCACCAGGGACGCGGTTTGT
GCCGACAGACCTCACCCACAGCCG

>Chicken (*Gallus gallus*)

TGCGGAGAAGGAGAGTACTTAYAYGARGACATYTGCTGCATGCTGTGCCCG
GCAGGTACTTACGTTGCTCAACACTGCAGGATTCCACATTCAAGGGGAAAA
TGTGCCTCTTGCACTGAAGGAAGAGATTACACCGCCCATGCGAATGGCTTG
GAAGAATGTTTACTATGTAGACAATGCAAAGACGATCAGATAACTTTGAGAA
CCTGTACTGTGACCAGTGACACTGAGTGCCAGTGCCACCAGGGGTACTTCT
GCCCTGCTGAAGGCTGTGAAATATGTCAGAGATGCACTGAAACGTGTCCAG
AAGGGAGAGAAATTGTGCAGATTTGCAATGCTACAATGGACCTAGGATGTG
GC

>Lizard (*Anolis carolinensis*)

GAATCTCCACCTTTGCGATGTAATGATGGAGAATATCCTTATAATGGTCAAC
GTTGTTGCAAGATGTGCCGTGCAGGTACTIONTACGTTGAAGAAGCCTGTACCA
TTCCACATACTTTGGGGCGCTGTTACCTTGCACAAACGGAGAGGATTACA
CTGAGCATGAAAGTGGCCTTAATCAATGTTTTCTTGTGAGAAATGCAAACC

TGGATACGTCATGGTCAAAGCCTGCACTGCTACAAGCAACACAAAATGCCA
GTGCCCTGAAGGGTACTACTGTCCCCAGGCTGTGAGGAATGTGTCAAGTG
CAGGAAACGGTGTCTAAAGGAGAGGTGCAGGTCAAAGTTGCAGTAGCAC
CACAGACATGGAGTGTTACCATCT

>Cow_A (Bos taurus)

TCCCAGTCCTGCAGCCCCGGGAATACCGGCCAGTGGGCCGCTGCTGCAA
GGCCTGCCAGCCGGCCATCTTGTCCGGTGAAGCACTGTAGGAGGTCCCCT
CCTGGGGACAGTGTCTGCCATGTCCGCCCGGGACCTTTATGGAGAGGCTC
AACGGAATGGAAGCCTGCTTCAAGTGCTCCACCTGCTCCAAGAATGAGGAA
GTGTTAGAGGAGTGCACGCCGACCCACGACAGAGTGTGCCAGTGCCGATC
GGGCTATTTCTACGCCACGTGGGATCCTCTGAAAGCTGCAGCCCGTGTAG
CACGTGTCCCGCAGGGCACGTCATCGTCCAGAGCTGCAATGCTACGTCGG
ACACGGTGTGC

>Cow_B (Bos taurus)

ACCTCCTGTAACCCAGGCGAATATGAGGTTCCAGGCGACCTTTCCTGTAGC
AGATTCTGCCCGGCTGGCTACTACGTAAGCAGACCCATAAACCAGGACCAC
CACATCGGAGCCTGCTCGCAGTGCGAGTCTGGAACCTTTCAGAGCTCATCCC
AACGAGCAGACACAATGCACGCCGTGTGCCAGTGCAAGAGAGGATCAGGA
AGTGGTCAAACGCTGCTCCGCCACCAGCGACCCGGGAGTGCCAGTGCCAGC
AGGGCAAGTTCTACTGCGACTCCGTGGACTGCAGAGAGAGCTGCTTCCGG
TGTACAAGGTGTGAAGGAGACAGTGCCGTCCTTCAGCCCTGCAATGCCACA
AGCAATACCATTTGTGCC

>Dog (Canis lupus familiaris)

CTCAAGGTGCCCATGGCAGCCATTGTGTCCGATTGTATGGAATATGAATATA
AACCTGAGGGTCTCAACCTCTGCTGTGAAAAGTGCCCTGCCGGCCATTATG

TCAGCAAACACTGTGATAAAAACCATGGTGCTGGGGTATGTAGCCCGTGTG
AACCTGGAAGCTACCTTCCCTACCGAAATGGGGAGACAAATTGTCGGCTGT
GCAGTCGGTGCCGAGAGGACCAGGAGGTAGTCTCTCCATGCACAGCGACC
CGTGACCAGCAGTGCCAGTGCAAGCCCGGCTACTTTTGTGACTCTGAAAAC
TGCGTGGAGAACTGCTTCCGGTGT

>Horse (*Equus caballus*)

GAGGCTGAGGGTCTCCACCTGTGCTGCAAACCTCTGCCCAGCTGGGTCCTAC
GTCAGCGAGCACTGCACGGTGAACCACAGCAAAGGGCAGTGCAGGGAATG
TGAGCCTGGAACCTTCACTGCCCACCCACGGGGATGACCAGCTGCCTGC
CGTGTGCCAGTGCCGGGAGGATCAGGAGGTGGTGACGAACTGCTCGCG
GGTCAGCGACCGGCAGTGCCAGTGCCAGCAGGGCAGCTTCTACTGCGACT
CCCCGGACTGCGCTGAGAAGTGTTTCCGCTGCACAAGGTGTCAAGGTTTCAG
TCCTTCAGCCCTGCAGTGCCACACGGGATACAGTTTGT

>Elephant_A (*Loxodonta africana*)

ATGCAGTGTGGCCAGATGAGCATGAACACGGCAACATCTGCTGCAGAAAC
TGCATGAGTGGCCAGTACGTCAGGAAACCCTGCAGCGAGAACCATGGTGT
GGAGAGTGTGAGGTGTGCGGGGATGAAACCTACACGTCCCACTCCAGTGG
CTTGACCTACTGCCTACCGTGCACCCAGTGCCGGAAGGACCAGGAGGTGG
TGGCCAACTGCACCAGGACCAGCAACCGGCAGTGCCAGTGCAAGACGGGA
TTCTATTGTGAATCTGAGGACCGTGAGATATGCCGCCCGTGTACAGTTGTC
CTGAAGGCACAGTCATCCGTCACCCCTGCAATGCTACGACGGACACAGTGT
GT

>Elephant_B (*Loxodonta africana*)

TAATTGAAGGTGATCACGGTGGCCAGTAGGATGCAGTGTGGCCAGATGAG
CATGAACATGACAACATCTGCTGCAGAACTGCACGAGTGGCCAGTACGTC

AGGAAACCCTGCAGCGAGAACCATGGTGTGGAGAATGTGAGGTGTGCGA
GGATGAAACCTACATGTCCCCTCCAGTGGCTTGACCTACTGCCTACCGTG
CACCCAGTGCCGGAAGGACCAGGAGGTGGTGGCCAACTGCACCAGGACCA
GCAACCGGCAGTGCCAGTGCAAGACGGGATTCTATTGTGAATCTGAGGACT
GTGAGATATGCCGTCCGTGTACAGTTGTCCTGAAGGTACAGTCATCCGTC
ACCCCTGCAACGCTACGACGGACACAGTGTGTGAAGAA

>Cat (*Felis catus*)

GAGTACCAGCCGGAGGACAGCAACCTCTGCTGCCGGCTCTGCCCCGCTGG
CCAGTACGTCTTCAGACCGTGCAGCGTGAACCATACCGCTGGCGAGTGCC
GCGTCTGTGAATCGGGCACCTTCCTCGCCTTCCCTAATGGCGAGCCTACTT
GCCAGAGGTGCATCCAGTGCCGGAAGGATCAGGAGGTGGTGGCCAAGTGC
TCCCCACCAGCGACCGGCAGTGTGAGTGCAAAAAGGGGAGCTTCTACTG
CAACTCTGTGGACTGCGTGGAAAAGTGCCTGCGGTGTAAAAGGTGTCCTGG
CGTTGTCCTGTCCCCTTGCAATGCTACCAGCAACACGGTTTGTGCCACA

>Sheep_A (*Ovis aries*)

TCCTGCAGCCCCAGGGAATACTGGATAGCGGGCCGCTGCTGCAAGGCCTG
CCCAGCCGGCCAGCATGTCCGGTGAAGCACTGCCAGAGGTCCCCTCCTGGG
GACAGTGTGTGCCGTGTCCGCCCGGGACCTTTATGAACTGCCTCAACGGGA
TGGAAGCCTGCTTCAAGTGCTCTGCCTGCTCCAAGAATGAGGAAGTGTTGG
AGGAGTGCACGCCGACCGACGACCTAGTGTGCCAGTGCCGACCAGGCTAT
TTCTACGTGGGATCCTCTGAAAGCTGTAGCCCGTGTAGC

>Sheep_B (*Ovis aries*)

TGTAACCCAGGCGAATATGAGGTCCTAGGCAACGATTCTGCAGCAGAGTC
TGCCCGCCTGGCTACTACGTAAGCACACACATAGACCAGGACCACCACATC
GGAGCCTGCTCGCCTTGCCCATCTGGAACCTTTCAGAGCTCATCCAGTGAA

GAGCCTCGATGCGTGCCGTGTGCCAGTGCCGAGAGGCAGATCAGGAAGT
GGTGAAGCTCTGCTCCACGACCAGCGACCAGGAGTGCCAGTGCCAGCCGG
GCCAGTTCTACTGTGACTCCGAGGACTGCACAGAAAGCTGCTTCCGGTGCA
CAAGGTGTGGAGACGGCGCCACCCTTCAACCCTGCACTGCCACAAGCAAT
GCAATTTGT

>Wallaby (*Macropus eugenii*)

GGGACCCGAGTCCTCAAGCATTGTACCATTCTCACACCTTGGGAAGCTGT
GAAGGATGCCCCCTGGGGAATATGCCCTTAAAAATGGACTGGAAACCTGC
AGGCAGTGTGCCAGTGACAGAGAAGACCAAGAGATGGTGAGACCCTGTCT
TGGGAGTATGAACACCAAGTGCCAGTGTAAGGAGGGATACTATTGTGAGTC
CCCAGACTGCGAGATGTGCCAGCGCTGCACAGAG

>Mouse_Tnfrsf1a (*Mus musculus*)

TGTCCCAAGGAAAGTATGTCCATTCTAAGAACAATTCCATCTGCTGCACCA
AGTGCCACAAAGGAACCTACTTGGTGAGTGACTGTCCGAGCCCAGGGCGG
GATACAGTCTGCAGGGAGTGTGAAAAGGGCACCTTTACGGCTTCCCAGAAT
TACCTCAGGCAGTGTCTCAGTTGCAAGACATGTTCGAAAGAAATGTCCCAG
GTGGAGATCTCTCCTTGCCAAGCTGACAAGGACACGGTGTGTGGCTGTAAG
GAGAACCAGTTCCAACGCTACCTGAGTGAGACACACTTCCAGTGCGTGGAC
TGCAGCCCCTGCTTCAACGGCACCGTGACAATCCCCTGTAAGGAGACTCAG
AACACCGTGTGTAAC

>Rat_Tnfrsf1a (*Rattus norvegicus*)

AATTTGTGTCCCAGGGAAAGTATGCCCATCCAAAGAATAATTCCATCTGCT
GCACCAAGTGCCACAAAGGAACCTACTTGGTGAGTGACTGTCCAAGCCCAG
GGCAGGAAACAGTCTGCGAGGTGTGTGATAAAGGCACCTTTACAGCTTCGC
AGAACCACGTCAGACAGTGTCTCAGTTGCAAGACATGTTCGAAAGAAATGT

TCCAGGTGGAGATTTCTCCTTGCAAAGCTGACATGGACACCGTGTGTGGCT
GCAAGAAGAACCAATTCCAGCGCTACCTGAGTGAGACGCATTTCCAGTGTG
TGGACTGCAGCCCCTGCTTCAATGGCACCGTGACAATCCCCTGTAAGGAGA
AACAGAACACCGTGTGTAAC

AMINO ACID SEQUENCES:

>Mouse_Tnfrsf22 (Mus musculus)

LLLLLNLPVQVLFAMLELHSFKCPAGEYWSKDVCCKNCSAGTFVKAPCEIPHTQ
GQCEKCHPGTFTTEKDNLYLDACILCSTCDKDQEMVADCSATSDRKQCQRTGLY
YYDPKFPESCRPCTKCPQGIPVLQECNSTANTVCSSSVSNP

>Mouse_Tnfrsf23 (Mus musculus)

LLLLLNLPVIFAMPESYSFNCPDGEYQSNDVCKTCPSGTFVKAPCKIPHTQ
GQCEKCHPGTFTGKDNGLHDCELCSTCDKDQNMVADCSATSDRKCECQIGLY
YYDPKFPESCRPCTKCPQGIPVLQECNSTANTVCSSSVSNP

>Mouse_Tnfrsf26 (Mus musculus)

LLLLLGLLLRVAVCSVNTITLCKIGEFKHENLCCLQCSAGTYLRNPCQENHNKSE
CAPCDSEHFIDHKNRESECFPCSVCRDDQEEVAKCSRTADRVCQCKQGTYCD
SENCLERCHTCSSCPDGRVVRKCNATMDTVCDKFDSEP

>Rat_A (Rattus norvegicus)

SPGMFVQEPCTIPHTQGRCECPPGFSRSANDLNSCIPCSTCTKEQEMVADC
SATSDRVCQCQTGHYYYDPEVPEFCCPCTTCPQGIPALQECNPTNDTVCRQS
ASS

>Rat_B (*Rattus norvegicus*)

VFKVSSTTQCESNEFKHENFCCQLCPAGTHLINPCHRNRGESCAPCQAQHF
DVNNREPVCSRCSKCRDDQEEVSECSSTADRKCWCKQGTYCDSENCLEMCH
DCSSCPEGRVIQECNATMDTVCD

>Human (*Homo sapiens*)

GSDLCPASCPGECVGEPCVNSYTQGKCMKCDQVTLTAFPNGLDSC

>Pig (*Sus scrofa*)

GQYVSQPMAGDHGVVACRPCQPGTFSPYASEETSCLPCALCRKDQEVVTECS
PTRDRQCQCKRGHFFCDSMDCEENCFQCQRCEHSAVLRPCNATRDAVCADR
PHPQP

>Chicken (*Gallus gallus*)

CGEGEYLXEDICMLCPAGTYVAQHCRIPHSRGKSCASCTEGRDYTAHANGLEE
CLLCRQCCKDDQITLRTCTVTSDETCQCHQGYFCPAEGCEICQRCTETCPEGRE
IVQICNATMDLGCG

>Lizard (*Anolis carolinensis*)

ESPPLRCNDGEYPYNGQRCKMCRAGTYVEEACTIPHTLGRCSPCTNGEDYT
EHESGLNQCFPCCKPGYVMVKAATSNKTCQCEGYCPCPGCEECVKCR
KRCPKGEVQVKSCSSTTDMECSPS

>Cow_A (*Bos taurus*)

SQSCSPGEYRPVGRCKACPAGHLVGEHCRRSHSWGQCLPCPPGTFMERLN
GMEACFKCSTCSKNEEVLEECTPTHDRVCQCRSGYFYAHVGSSESCSPCSTW
VTCPAGHVIVQSCNATSDTVCRLP

>Cow_B (*Bos taurus*)

TSCNPGEYEVPDGLSCSRFCPAGYYVSRPINQDHHIGACSQCESGTFRAHPNE
QTQCTPCAQCREGEDQEVVKRCSATSDR
ECQCQQGKFYCDSDCRESCFRCTRCEGDSAVLQPCNATSNTICA

>Dog (*Canis lupus familiaris*)

LKVPMAAIVSDCMEYEYKPEGLNLCCEKCPAGHYVSKHCDKNHGAGVCSPCE
PGSYLPYRNGETNCRLCSRREGKWTTARHSDQEVVSPCTATRDQQCQCKP
GYFCDSENCVENCFRCGLYPGREKYSRFLHFFSCPDPHVSSPCNATRDTVCNT
QDTTDTTS

>Horse (*Equus caballus*)

EAEGHLHCCKLCPAGSYVSEHCTVNHSKGQCRECEPGTFTAHTGMTSCLPC
AQCREDEEVVTNCSRVSQRQCQCQGSFYCDSPDCAEKCFRCTRRCQGSVLQ
PCSATRDTVC

>Elephant_A (*Loxodonta africana*)

MQCGPDEHEHGNICCRNCMSGQYVRKPCSENHGVGECEVCGDETYTSHSSG
LTYCLPCTQCRKDQEVVANCTRRTSNRQCQCKTGIFYCESEDREICRPCHSCPE
GTVIRHPCNATTDTVCC

>Elephant_B (*Loxodonta africana*)

LKVITVASRMQCGPDEHEHDNICCRNCTSGQYVRKPCSENHGVGECEVCEDE
TYMSHSSGLTYCLPCTQCRKDQEVVANCTRTRTSNRQCQCKTGIFYCESEDCEIC
RPCCHSCPEGTVIRHPCNATTDTVCEE

>Cat (*Felis catus*)

EYQPEDSNLCCRLCPAGQYVFRPCSVNHTAGECRVCESGTFLAFPNGEPTCQ
RCIQCRKDQEVVAKCSPTSDRQCQCKKGSFYCNSVDCVENCLRCKRCPGVVL
SPCNATSNTVCAT

>Sheep_A (*Ovis aries*)

SCSPREYWIAGRCKKACPAGQHVGHEHCQRSHSWGQCVPCPPGTFMNCLNG
MEACFKCSACSKNEEVLEECTPTDDLVCQCRPGYFYVGSSESCSPCS

>Sheep_B (*Ovis aries*)

CNPGEYEVLGNDSCSRVCPGGYYVSTHIDQDHHIGACSPCPSGTFRAHPSEEP
RCVPCAQCREADQEVVKLCSTTSDQECQCQPGQFYCDSEDCTESCFRCTRC
GDGATLQPCTATSNAIC

>Wallaby (*Macropus eugenii*)

GTRVLKHCTIPHTLGSCEGCPPGEYALKNGLETQRQCAQCREDQEMVRPCLG
SMNTKCQCKEGYCESPDCEMCQRCTE

>Mouse_Tnfrsf1a (*Mus musculus*)

CPQGKYVHSKNNSICCTKCHKGTYLVSDCPSPGRDTVCRECEKGTFTASQNYL
RQCLSCKTCRKEMSQVEISPCQADKDTVCGCKENQFQRYLSETHFQCVCDCSP
CFNGTVTIPCKETQNTVCN

>Rat_Tnfrsf1a (Rattus norvegicus)

CPQGKYAHPKNNSICCTKCHKGTYLVSDCPSPGQETVCEVCDKGTFTASQNH
VRQCLSCKTCRKEMFQVEISPCKADMDTVCGCKKNQFQRYLSETHFQCVCDCS
PCFNGTVTIPCKEKQNTVCN