(A)

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  ↱exon1
porcine MAALGDEVLD GYMYPACTLY SYP--YPYPA AAKDKRAAGG GGWRHPDGGY PPVSSS--DG AAPSSFPGYG QLAAADYLHS YQRAQLMALL 86
bovine  MAALGDVVLD GYLYPACALY SYRCLYPAAA AAKGKSGADE GGWRPRGGGY PPVSSS-SDG AASSSFPGHG QLAAAEYVHS YQRAQLMALL 85
human   MAALGDEVLD GYVFPACPPC SYR--YPYPA ATKGK-GAAG GSWQQRGRGC LPASSPCSAG AASLSFPGCG RLTAAEYFDS YQRERLMALL 87

porcine SQMGPGLAPR PGRVSIRDVA VQVNPRRDVS VQCSLGRRTL LRRAREPGSC S--EGAAGAG GSGLVSPQQP RRGPEQGSPP NGASRPIRFP 174
bovine  SQVGP----R PA--STRDAA VQVNPFRDVS VQCSLGRRTL GHRARESGPS PDPEGAADAG GSCPASPQRA RRGPEQDSPP SRAPRRVRFL 173
human   AQVGPGLGPR ARRAGSCDVA VQVSPRIDAA VQCSLGRRTL QRRARDP-ES PAGPGAEGTT GGGSFSQQPS RRGLEQGSPQ NGAPRPMRFP 176

porcine RTVAVYSPMA TRRLDTLQEG SEAVAGEQRP GEPGGERGPP PARPRGPEAG EESARKTPQP PQSAEEEDEA QAAVRTSPEQ PSPVARAPD- 233
bovine  RTLAVYSPVT SRCLATLLEG AEAVAGQQRP GEPETERGPP PARPRGPEEG DGSARKVSL- -QLQPEEDEA QAAVPASREQ PPPVARVPD- 230
human   RTVAVYSPLA LRRLTAFLEG PGPAAGEQRS GASDGERGPP PARLQGPEEG EVWTKKAPRR PQS-DDDGEA QAAVRASWEQ PADGPELPPR 265
                                                                  ↱exon2                          ↱exon3
porcine ---------- ---------- ---------- -----AVGEG LSPRSPQPGK ERLRFQFLEQ KYGYYHCKDC NIRWESAYVW CVQGTNKVYY 318
bovine  ---------- ---------- ---------- -----TAGER SSPRSPQPSK ERLRFQFLEQ KYGYYHCKDC NIRWESAYVW CVQGTNKVYY 315
human   EAQEGEAAPR SALRSPGQPP SAGRARDGGD GREAAVAGEG PSPRSPELGK ERLRFQFLEQ KYGYYHCKDC NIRWESAYVW CVQGTNKVYF 355
                                  ↱exon4                                                          °°°°°°°°°°°°
porcine KQFCRTCQKS YNPYRVEDIT CQNCKLTRCS CPVKLRHVDP KRPHRQDLCG RCKGKRLSCD STFSFKYII 387
bovine  KQFCRTCQKS YNPYRVEDIT CQNCKQTRCS CPVKLRHVDP KRPHRQDLCG RCKGKRLSCD STFSFKYII 384
human   KQFCRTCQKS YNPYRVEDIT CQSCKQTRCS CPVKLRHVDP KRPHRQDLCG RCKGKRLSCD STFSFKYII 424
        °°°°°°°°°°°°
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