

Supplementary Figure 2

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Homo sapiens      MVLESVARIVKVKQLPAYLKRLPVPESITGFARLTVSEWLRLLPFLGVLALLGYLAVRPFL 60
Mus musculus     MVLDSVARIVKVKQLPAYLKQLPVPDSITGFARLTVSDWLRLLPFLGVLALLGYLAVRPFF 60
Xenopus laevis   MMLESLARVFKVKQLPAYLKRLPIPDSIAGFIRLTVLEWLRLLPFLGVLALLGYLAIRPFL 60
Drosophila melanogaster --MEPISHLVKSSLPNYLSSLPVPDSIGGWFKLSFKDWLALIPPTVVVAGLGYTAYLAYC 58
Caenorhabditis elegans MTIAGFCALSLIQDHCCWT-TPQHCSVAELGTMPCPTQVSGRCVATTAAVLAGGALIGYL 59
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Homo sapiens      PKKKQ---QKDS-LINLKIQKENPKVVNEINIEDLCLTKAAYCRCWRSKTFPACDGSHNK 116
Mus musculus     PKKKQ---QKDS-LINLKIQKENPKVVNEINIEDLCLTKAAYCRCWRSKTFPACDGSHNK 116
Xenopus laevis   PKKKQ---QKDS-LINLKIQKENPKVVNEINIEDLHLAKAAYCRCWRSKTFPVCDGSHNK 116
Drosophila melanogaster PAARASCAAKNSGRCNNHIRKNEPKVVDMIDVEDIA-EKAAFCRCWKTKNWPYCDGSHGE 117
Caenorhabditis elegans VGYKFG---QRSARCNYKIQLDSNKIVDTVDIEDIG-EKKAFCRCWKSEKWPYCDGSHGK 115
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Homo sapiens      HNELTGDNVGPLILKKKEV 135
Mus musculus     HNELTGDNVGPLILKKKEV 135
Xenopus laevis   HNELTGDNVGPLILKKKEV 135
Drosophila melanogaster HNKQTGDNVGPVIVIKK--- 133
Caenorhabditis elegans HNKETGDNVGPLIVKSEKK 134
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