

Human 1 MGGCAGSRRRFSDSSEGEETVPEPRLPLLDHQGAHWKNAVGFWILGLCENNFSYVVMLSAAHDIILSHKRTSG
 Mouse 1 MGSSAGSWRRLEDSEREETDSEPQAPRLDSRSLVWKNNAVGFWILGLCENNFSYVVMLSAAHDIILKQEQASG
 D.rerio 1 -----MDRSVNSGTASTSDTEGRCQRWRNCFVAFWILGLCENNFSYVVMLSAAHDIILKQEQSQN
 D.melan 1 MTATKQQEAEAEHDPQVVVTPGDASRSRQRDLWRDLTSYWILGLCENNYGYVVMLSAAHDIILKQFNPN
 S.pombe 1 -----MIKLRLTKDAKVGCCFLIFGLLNNLLYVIILSAALDLVGAN-----
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Human 71 NQSHVDPGP----TPIPHNSSSRFDCNSVSTAAVLLADILPTLVIKLLAPLIG-IHLLPYSPRVLVSGICA
 Mouse 71 NQSHVEPGR----TPTPHNSSSRFDCNSISTAAVLLADILPTLVIKLLAPLIG-IHLLPYSPRVLVSGVCS
 D.rerio 58 TTAPSPAPNGTNIIEFRNSSNSSRYDCNPVSTAAVLLADILPTLLIKLTAPFY-IHKVPYGFRLVLCFFTA
 D.melan 71 ESEESSGR-----NCHLVSTGATLLADVLPSLFLVKILMPFF-PFWN--FRIALAVAFS
 S.pombe 42 -----VSKGVVLLSNIVPSLACKLSASILHVHKFKFAKRIIGFCVFM
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Human 136 AGSFVLVAFSHSVGTSICGVVFASISSGLGEVTFSLSTAFYPRAVISWSSSGTGGAGLLGALSYLEGLTQA
 Mouse 136 AGSFVLVAFSQSVGLSLCGVVLASISSGLGEVTFSLSTAFYPSAVISWSSSGTGGAGLLGSLSYLEGLTQA
 D.rerio 127 VVSFLMVFSSTISMSIIGVIFASVSSGLGELSFSLSVFFSSDVLISGWGSGTGAAGVAGALLYSALTQA
 D.melan 123 AAGFLLVGFANAEMALLGVIIITSASSGIGETTFLAYSSRYNKNVISTWSSSGTGGAGVIGSLSYASLRSL
 S.pombe 84 ILGMQWIAWSSSVPSKMLGVSLAAISSFGEISFLHLSRYHSVSLPCWSSSGTGLAGLFGASSYLEVMTW
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Human 206 G-LSPQQTLLSMLGIPALLIASYFLLITSPEAQDPGGEEEAESAARQPLIRTEAPEKPGSSSS-----
 Mouse 206 G-LSPQHTLLSMLGIPVILLIASYFLLITSPEPWDPPGGENEAEETAARQPLIGTETPEKPGASWD-----
 D.rerio 197 G-LTPQVTLWIMLVVPVILAVSYFVLLVFPHSFPQWRCPEVVSQSLSRGLNSEERRALIEEDIDTDEDSEP
 D.melan 193 D-FSPRDTMLVMLIFPAIEAFWLLLRBPQ--VDILPVTIVESTEVLLSDEKELVG-----
 S.pombe 154 FNFSVRSTLIISFPLIFLLIMYFFVLPESSESTSPSINNNYTPIESIDLDRAGHVSFNFN-----
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Human 269 -----LSLRERWTVFKGLLWYIVPLVVVYFAEYFINOGLFELLFFWNT---SLSHAQOYRWYQ
 Mouse 269 -----LSLQERWTVFKGLLWYIIPLVLVYFAEYFINOGLFELLFFRNT---SLSHAHEYRWYQ
 D.rerio 266 ALEDQDDKHIGPLTFTEKKYIIKGLLKFIFPLALVYFAEYFINOGLMELLYFPDS---RLSHAEOYRWYQ
 D.melan 247 -----FKEKLFYIKHLFKYMLPLCLVYFFFEYFINOGLFELVYFEDI---FLDKDSOYRWLN
 S.pombe 214 -----SLKQTFIFMQPYLLSHMFPQFLVYFSEYTTINIGVAPTLLFPPEKAGFSSFRDFYPTYQ
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Human 324 MLYQAGVFASRSSLRCCRIRFTWALALLQCLINLVFLLADVWEGFLPSIYLVFIILILEGLLGGAAVNTF
 Mouse 324 MLYQAGVFASRSSLQCCRIRFTWVLAALLQSINLALLADVCLNLFPSIYLVFIILILEGLLGGAAVNTF
 D.rerio 333 TVYQIGVFSRSTSLFCFKIRKIFLMSLLQCANAVLLVFVAVYQFLPNISVVFVIAFAEGLLGGAAVNTF
 D.melan 300 VDYQIGVFISRSSVNLFQDKIWLMSIFQFVNVVYFLEVIWVYTPSIWVFAIVLWEGLLGGGAVNTF
 S.pombe 272 TVYQIGVFLSRSSISFFTVPYLRTLAITQFIILLFTILQSALYLTSSYHFVLFVLEGLLGGTVVNVY
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Human 394 HNIALETSDEHREFAMAATCISDTLGISLSGLLALPLHDFLCQLS-----
 Mouse 394 HNIALETSDKHREFAMEAACISDTLGISLSGVLALPLHDFLCHLP-----
 D.rerio 403 FFIREESVEREREFAMATATVGDLSGIAFSAAAAFVHHYFCSL-----
 D.melan 370 YRMSKEISPERQQFAMAMVQSDSYGIALAGFLAIPVHNAICGLPAAARSL-----
 S.pombe 342 HSLQTTESQ-RELAISTVGSDDSSGIFLASLVSLFILEPSLCHFQADRGRDWCALT
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