Additional file 12

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Pan_troglodytes                 ------IPVFDISEKTVNGIENKSLSPDEERLVSDIIDPVALET--PLSKNLVAQISALALQLDSEDLHNYSGSQLFEMHEKLSCMANSVIKNLQSRWRSPSHENSI
Homo_sapiens                    ------IPVFDISEKTVNGIENKSLSPDEERLVSDIIDPVALEI--PLSKNLLAQISALALQLDSEDLHNYSGSQLFEMHEKLSCMANSVIKNLQSRWRSPSHENSI
Pongo_abelii                    ------IPVFDISEKTVNGIENKSLSPDEERLVSDIIDPVALET--PLSKNLVAQISALALQLDSEDLHNYSGSQLFEMHEKLSIMANSVIKNLQSRWRSPSHENSI
Macaca_mulatta                  ------IPVFDISEKTINGIENKSLSPDEERLASDIIDPVPLET--PLSKNLVAQISALALQLDSEDLHNYSGSQLFEMHEKLSSMANCIIKNLQSRWRSPSHENSI
Sus_scrofa                      -RGLEEIPVFDISEKTINGMENKSVSPDEERLASDLIDPVALET--PLSKNLVAQISALALQLDSEDLHNYSGSQLFEMHEKLGSMANCIIKNLQSRWRSPAHENSI
Bos_taurus                      -RGLEEIPVFDISEKTINGMENKSISPDEERLASDLIDPVALEA--PLSKNLVAQISALALQLDSEDLYNYSGSQLFEMHEKLGSMANSIIKNLQSRWRSPAHENSF
Callithrix_jacchus              -RGLEEIPVFDISEKTVNGMENKSLSPDEERLASGTVDTVALET--PLSRNLVAQISALALQLDSEDLHNYSGSQLFEMHEKLGSMANSIIKNLQSRWRSPPHENSV
Equus_caballus                  -RGLEEIPVFDISEKTVNGIENKSLSSDEDRLASDLINPVALET--PLSKNLVAQISALALQLNSEDLHNYSGSQLFEMHEKLGSMANSIIKNLQSRWRSPAQENSV
Ailuropoda_melanoleuca          -RGLEEIPVFDISEKAVNGIQTKSLPSDEERLASDLIDPVALET--PLPKNLVAQISALALQLDSEDLHNYSGSQLFEMHEKLGSMANSIIKNLQSRWRSPTHENSI
Oryctolagus_cuniculus           -HGLEEIPVFDISEKTVNGIETKS--SDDERLASDLADPVTLET--PFSKNLMAQISALALQLDSEDLHNYSGNQLFEMHEKLGSMANSIIKNLQSRWKSSAHENSI
Rattus_norvegicus               -RGLEEIPIFDISEKAVNGVESKTLSTDEERFASDLIDPVTLDT--PLSKNLVAQISALALQLDSEDLYSYSGSQLFEMHEKLGTMANSIIRNLQSRWRSTAHENS-
Mus_musculus                    -RGLEEIPIFDISEKAVNGVESRTVSTDEERFASDLIEPVTLDT--PLSKNLVAQISALALQLDSEDLYSYTGSQLFEMHGKLGTMANSIIRNLQSRWRSPAHENS-
Gallus_gallus                   -RGCEEIGALEDGERTVNSAEDKSPPVDEEKLATDLGEAIALSSSSPPPADLLSQMDLLAAQLTSEDLRSYPGSRLFEMQEKLASMSDCIMKTLRSRWRSPPHDSAE
Taeniopygia_guttata             -RVLEESTVLEEAEKPGNDVEEKSLSGDEEKLAAG---TCCSSSSEQPPVDLRGQIQALAAQLSSEELQGYSGRQLCEMQEQLLAMASSILRSLQARWPCPPQQGPE
Xenopus__Silurana__tropicalis   --GFDEFALLDEIEKPLNVLEEKTASIDEEKLATVLAELPTPAMDTAPSPDLLSQIAALSRQLSSEDLGKYSASQLFDIQEKLGGMSNCIIRHLQSRWRSPPHENSV
Danio_rerio                     EPEEMELPQNQDEEQTSGPEAQTAESETQEDKASEVEVNSEVVTEENQSHDLLSDIVALGERFTPEELSQHSASQLGLMHEHLSGMMRSIVTNLQSRLLSNLDDSLP
                                1.......10........20........30........40........50........60........70........80........90.......100.......
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