

Numbering is for the alignment, not for FX sequence

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      10      20      30      40      50      60      70      80      90     100
FX_Human  ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
FX_Chimp  MGRPLHLVLLSASLAGLLLLGESLFIIRREQANNILARVTRANSFLEEMKKGHLERECMEETCSYEEAREVFEDSDKTNEFWNKYKGDGQCETSPCQNQGK
FX_Gorilla MGRPLHLVLLSASLAGLLLLGESLFIIRREQANNILARVTRANSFLEEMKKGHLERECMEETCSYEEAREVFEDSDKTNEFWNKYKGDGQCETSPCQNQGK
FX_Gibbon MGQQQIINL-----MFIRREQANNILARVTRANSFLEEMKKGHLERECMEETCSYEEAREVFEDSDKTNEFWNKYKGDGQCETSPCQNEGK
FX_Bushbaby MASLLGLALLSVSLAGLLLPGESVFDIREHANNVLRIRRRANSFLEEVKKGHLERECVEETCSYEEAREVFEDNDKTNEFWNKYKGDGQCEGSPCQNQGV
FX_Marmoset MRHPLHLVLLSTSLAGLLLPGGSFLRREQASNVLARVRRANSILEELKKGHLERECMEETCSYEEAREVFEDSDQTNFHWNKYKGDGQCESSPCQNQGK

      110     120     130     140     150     160     170     180     190     200
FX_Human  ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
FX_Chimp  CKDGLGEYTCCTLEGFEGKNCLELFRKLCSLDNGDCDQFCHEEQNSVVCSCARGYTLADNGKACIPTGPYPGKQTLERRKRSVAQATSSSGEAPDSITW
FX_Gorilla CKDGLGEYTCCTLEGFEGKNCLELFRKLCSLDNGDCDQFCHEEQNSVVCSCARGYTLADNGKACIPTGPYPGKQTLERRKRSVAQATSSSGEAPDSITW
FX_Gibbon  CKDGLGEYTCCTLEGFEGKNCLELFRKLCSLDNGDCDQFCHEEQNSVVCSCARGYTLADNGKACIPTGPYPGKQTLERRKRSVAQATNSSGEGPDSITW
FX_Bushbaby CKDGLGQYTCTCLEGFEGKNCLELFRKLCSLDNGDCDQFCREEQNEVVCSCASGYTLGDNKSCISTDLFPCKGLTLGRRKRSESQAMSGSEELPKTTVL
FX_Marmoset CRDGLGQYTCTCLEGFEGKNCLELFRKLCSLDNGDCDQFCHEEQNSVVCSCASGYILADDGKACIPTGPYPGKLTLEERRKRSVAQATNSSGETPDTVTL

      210     220     230     240     250     260     270     280     290     300
FX_Human  ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
FX_Chimp  KPYDAADLDPTENPFDLLDFNQTPERGDNNLTRIVGGQECKDGECPWQALLINEENEGFCGGTILSEFYILTAAHCLYQAKRFKVRVGDNRNTEQEEGGE
FX_Gorilla KPYDAADLDPTENPFDLLDFNQTPERGDNNLTRIVGGQECKDGECPWQALLINEENEGFCGGTILSEFYILTAAHCLYQAKRFKVRVGDNRNTEQEEGGE
FX_Gibbon  KPYDAADLDPTENPFDLLDFNQTPETGDNNLVRIVGGRECKDGECPWQALLINEENEGFCGGTILSEFYILTAAHCLYQAKRFKVRVGDNRNTEQEEGGE
FX_Bushbaby GQY-DQDLVPTQDPYNLLNFNQTYPEEDSDLIRIVGGRDCKEAGECPWQALLVNEENEGFCGGTILSEFHVLTAAHCLHQAKRFTVRVGDNRNTEKEEGNE
FX_Marmoset PPNNTSDLDPTENPFDLLGFNQTPPEGEDNDLVRIVGGRECKDGECPWQALLINEENEGFCGGTILSEFYVLTAAHCLHQAKRFKVRVGDNRDTEKEEGGE

      310     320     330     340     350     360     370     380     390     400
FX_Human  ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
FX_Chimp  AVHEVEVVIKHNRFTEKETYDFDIAVLRRLKTPITFRMNVAPACLPERDWAESTLMTQKTGIVSGFGRTHEKGRQSTRKMLEVPYVDRNSCKLSSSFIIITQ
FX_Gorilla AVHEVEVVIKHNRFTEKETYDFDIAVLRRLKTPITFRMNVAPACLPERDWAESTLMTQKTGIVSGFGRTHEKGRQSTRKMLEVPYVDRNSCKLSSSFIIITQ
FX_Gibbon  AVHEVEVVIKHNRFTEKETYDFDIAVLRRLKTPITFRMNVAPACLPERDWAESTLMTQKTGIVSGFGRTHEKGRQSTRKMLEVPYVDRNSCKLSSSFIIITQ
FX_Bushbaby MVHEVEVVKHNRFVKEETYDYDIAVLRRLKTPITFRVNVAPACLPEKDWAESTLMTQKTGIVSGFGRTHEMGRSPTLKMLEVPYVDRNTCKLSSSFIIITQ
FX_Marmoset TVHEVEVVIKHNRFSEIETYDFDITVLRRLKTPITFRMNVAPACLPAEDWAESTLMTQKTGIVSGFGRTHEKGRQSTTLKILEVPYVDRNTCKLSSSFIIITQ

      410     420     430     440     450     460     470     480
FX_Human  ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....
FX_Chimp  NMFCAGYDTKQEDACQGDSSGPHVTRFKDTYFVTGIVSWGEGCARKGKYGIYTKVTAFLKWIDRSMKTRGLPKAKSHAPEVITSSPLK
FX_Gorilla NMFCAGYDTKQEDACQGDSSGPHVTRFKDTYFVTGIVSWGEGCARKGKYGIYTKVTAFLKWIDRSMKTRGLPKAKSHAPEVITSSPLK
FX_Gibbon  NMFCAGYHARQEDACQGDSSGPHVTRFKDTYFVTGIVSWGEGCARKGKYGIYTKVTAFLKWIDRSMKTRGLPKAESHAPEVITSSPLK
FX_Bushbaby NMFCAGYEARPEDACQGDSSGPHVTRFKNTYFVTGIVSWGEGCARKGKYGIYTKVTAFLKWIDRSMKTQGPRLVTTSPRLTRPLH
FX_Marmoset NMFCAGYEARQEDACQGDSSGPHVTRFKDTYFVTGIISWEGEGCARKGKYGIYTKVSGFLKWIDRSMKTRGVAKAESQVLGVTSSPLK
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