

Figure S1

Human *Homo Sapiens* NP_003268.2
Chimpanzee *Pan troglodytes* XP_009436065.1
Gorilla *Gorilla gorilla gorilla* XP_004063074.1

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Human MTRRARIGCFGPGGRARGTESAPEPSKRVPVPPGRSWQTQEVVRQTRGANGLGPRAGSAGAKAP
Chimpanzee MTRRARIGCFGPGGRARGTESAPEPSKRVPVPPGRSWQTXEVVRQTRGANGLGPRARSAGAKAP
Gorilla TTRRARIGCFGPGGRARGTEPAPEPSKRVPVPPGSSWQTXEVVRQTRGANGLGPRAGSAGAKAP

Human GPAQGAAQHGLGGSAGLRVRVSP LAMGSAALEILGLVLCLVWGGLILACGLPMWQVTAF
Chimpanzee GPAQGAAQHGLGGSAGLRVRVSP LAMGSAALEILGLVLCLVWGGLILACGLPMWQVTAF
Gorilla GPAQGAAQHGLGGSAGLRVRVSP LAMGSAALEILGLVLCLVWGGLILACGLPMWQVTAF

Human LDHNIIVTAQT~~TT~~WKGLWMSCVVQSTGHMQCKVYDSVLALSTEVQAARALTVSAVLLAFVAL
Chimpanzee LDHNIIVTAQT~~TT~~WKGLWMSCVVQSTGHMQCKVYDSVLALSTEVQAARALTVSAVLLAFVAL
Gorilla LDHNIIVTAQT~~TT~~WKGLWMSCVVQSTGHMQCKVYDSVLALSTEVQAARALTVSAVLLAFVAL

Human FVTLAQAQCTTCVAPGPAKARVALTGGVLYLFCGLLALVPLCWFANIVVREFYDPSVPVS
Chimpanzee FVTLAQAQCTTCVAPGPAKARVALTGGVLYLFCGLLALVPLCWFANIVVREFYDPSVPVS
Gorilla FVTLAQAQCTTCVAPGPAKARVALTGGVLYLFCGLLALVPLCWFANIVVREFYDPSVPVS

Human QKYELGAALYIGWAATALLMVGCLLCCGAWVCTGRPDLSPVKYSAPRRPTATGDYDKK
Chimpanzee QKYELGAALYIGWAATALLMVGCLLCCGAWVCTGRPDLSPVKYSAPRRPTATGDYDKK
Gorilla QKYELGAALYIGWAATALLMVGCLLCCGAWVCTGRPDLSPVKYSAPRRPTATGDYDKK

Human NYV
Chimpanzee NYV
Gorilla NYV
