Meet the Family

HBB Alignments

1 5 9 13 17 21 25 29 33 37 41 45 49 53 57

Human VHLT PEEK SAVT ALWG KVNV DEVG GEAL GRLL VVYP WTQR FFES FGDL STPD AVMG NPK

Chimpanzee VHLT PEEK SAVT ALWG KVNV DEVG GEAL GRLL VVYP WTQR FFES FGDL STPD AVMG NPK

Gorilla VHLT PEEK SAVT ALWG KVNV DEVG GEAL GRLL VVYP WTQR FFES FGDL STPD AVMG NPK

Orangutan VHLT PEEK SAVT ALWG KVNV DEVG GEAL GRLL VVYP WTQR FFES FGDL STPD AVMG NPK

Gibbon VHLT PEEK SAVT ALWG KVNV DEVG GEAL GRLL VVYP WTQR FFES FGDL STPD AVMG NPK

Macaque VHLT PEEK NAVT TLWG KVNV DEVG GEAL GRLL LVYP WTQR FFES FGDL SSPD AVMG NPK

Lemur TFLT PEEN GHVT SLWG KVNV EKVG GEAL GRLL VVYP WTQR FFES FGDL SSPD AIMG NPK

60 64 68 72 76 80 84 88 92 96 100 104 108 112 116

Human VKAH GKKV LSAF SDGL AHLD NLKG TFAT LSEL HCDK LHVD PENF RLLG NVLV CVLA HHFG

Chimpanzee VKAH GKKV LSAF SDGL AHLD NLKG TFAT LSEL HCDK LHVD PENF RLLG NVLV CVLA HHFG

Gorilla VKAH GKKV LGAF SDGL AHLD NLKG TFAT LSEL HCDK LHVD PENF KLLG NVLV CVLA HHFG

Orangutan VKAH GKKV LGAF SDGL AHLD NLKG TFAK LSEL HCDK LHVD PENF RLLG NVLV CVLA HHFG

Gibbon VKAH GKKV LGAF SDGL AHLD NLKG TFAQ LSEL HCDK LHVD PENF RLLG NVLV CVLA HHFG

Macaque VKAH GKKV LGAF SDGL NHLD NLKG TFAQ LSEL HCDK LHVD PENF KLLG NVLV CVLA HHFG

Lemur VKAH GKKV LSAF SEGL HHLD NLKG TFAQ LSEL HCVA LHVD PENF KLLG NVLV IVLA HHFG

120 124 128 132 136 140 144

Human KEFT PPVQ AAYQ KVVA GVAN ALAH KYH

Chimpanzee KEFT PPVQ AAYQ KVVA GVAN ALAH KYH

Gorilla KEFT PPVQ AAYQ KVVA GVAN ALAH KYH

Orangutan KEFT PQVQ AAYQ KVVA GVAN ALAH KYH

Gibbon KEFT PQVQ AAYQ KVVA GVAN ALAH KYH

Macaque KEFT PQVQ AAYQ KVVA GVAN ALAH KYH

Lemur NDFS PQTQ AAFQ KVVT GVAN ALAH KYH