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