

		*	20	*	40	
Human	:	MKKTQ	TWILTCIYLQ	LLLFNPLVKTEGI	CRNRVTNNVKDVT	: 41
Chimpanzee	:	MKKTQ	TWILTCIYLQ	LLLFNPLVKTEGI	CRNRVTNNVKDVT	: 41
Dog	:	MKKTQ	TWIIITCIYLQ	LLLFNPLVKTKGI	CGKRVTDDVKDVT	: 41
Mouse	:	MKKTQ	TWIIITCIYLQ	LLLFNPLVKTKKEI	CGNPVTDNVKDIT	: 41
Rat	:	MKKTQ	TWIIITCIYLQ	LLLFNPLVKTQEI	CRNPVTDNVKDIT	: 41
Chicken	:	MKKAQ	TWIIITCFCLQ	LLLFNPLVKAQSS	CGNPVTDDVNDIA	: 41
		MKKTQ	TWII6TCiyLQ	LLLFnPLVkt	iC n VT11vkD6t	

		*	60	*	80	
Human	:	KL	VANLPKDYMITL	KYVPGMDVLP	SHCWISEM	VVQLSDSLT : 82
Chimpanzee	:	KL	VANLPKDYMITL	KYVPGMDVLP	SHCWISEM	VVQLSDSLT : 82
Dog	:	KL	VANLPKDYKIALK	KYVPGMDVLP	SHCWISVMVE	QLSVSLT : 82
Mouse	:	KL	VANLPNDYMITL	NYVAGMDVLP	SHCWLRDMVI	QLSLSLT : 82
Rat	:	KL	VANLPNDYMITL	NYVAGMDVLP	SHCWLRDMVTH	LSVSLT : 82
Chicken	:	KL	VGNLPNDYLIITL	KYVPKMDSL	PNHCWHLHLMV	PEFSRSLH : 82
		KL	VaNLP DY ItL YV	gMDvLPsHCW6	MV lS SLt	

		*	100	*	120	
Human	:	DLLDKFSNISEGL	SNYSIIDKLVNI	VDDLVE	CVKENSSKDL	: 123
Chimpanzee	:	DLLDKFSNISEGL	SNYSIIDKLVNI	VDDLVE	CVKENSSKDL	: 123
Dog	:	DLLDKFSNISEGL	SNYSIIDKLVKI	VDDLVE	CTEGYSFENV	: 123
Mouse	:	TLLDKFSNISEGL	SNYSIIDKLGKI	VDDLVL	CMEENAPKNI	: 123
Rat	:	TLLDKFSNISEGL	SNYSIIDKLGKI	VDDLVA	CMEENAPKNV	: 123
Chicken	:	NLLQKFSDISDMS	DVLSNYSIINN	LTRIINDL	MACLAFDKN	: 123
		LLdKFS1ISeglsnysSiidk6	6vdd6v	c		

		*	140	*	160	
Human	:	KK	SFKSPEPRLFT	PPEFFRIFNRS	IDAFKDFVVA	SETSDCV : 164
Chimpanzee	:	KK	SFKSPEPRLFT	PPEFFRIFNRS	IDAFKDFVVA	SETSDCV : 164
Dog	:	KK	APKSPELRLFT	PPEFFRIFNRS	IDAFKDFVVA	SETSDCV : 164
Mouse	:	K	ESPKRPETRSFT	PPEFFSIFNRS	IDAFKDFMVA	SSETSDCV : 164
Rat	:	K	ESLKKPETRNFT	PPEFFSIFNRS	IDAFKDFMVA	SSETSDCV : 164
Chicken	:	K	DFIKENGHLYEED	RFIPENFRLE	FNSTIEVYKEFAD	SLDK : 164
		K	K pe r ftpeeff iFnRsilafk	S		

		*	180	*	200	
Human	:	V	SSTLSPEKDSRV	SVTKPFMLPPVA	AASSLRNDSSSS	NRKAK : 205
Chimpanzee	:	V	SSTLSPEKDSRV	SVTKPFMLPPVA	AASSLRNDSSSS	NRKAK : 205
Dog	:	V	SSTLSPDKDSRV	SVTKPFMLPPVA	AASSLRNDSSSS	NRKA : 205
Mouse	:	L	SSTLGPEKDSRV	SVTKPFMLPPVA	AASSLRNDSSSS	NRKAA : 205
Rat	:	L	SSTLGPEKDSRV	SVTKPFMLPPVA	AASSLRNDSSSS	NRKAA : 205
Chicken	:	N	CIMPSTVETPEND	SRVAVTKTLIS	FPPVAASSLRND	SIGS : 205
		s		p a s	ssss	

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          *           220           *           240
Human      : NPPGDSSLHWAAMALPALFSLIIGFAFGALYWKKRQPSLTR : 246
Chimpanzee : NPPGDSSLHWAAMALPALFSLIIGFAFGALYWKKRQPSLTR : 246
Dog        : SNSIGDSNLQWAAMALPAFFSLVIGFAFGALYWKKKQPNLT : 246
Mouse     : KAPEDSGLQWTAMALPALISLVIGFAFGALYWKKKQSSLTR : 246
Rat       : KSPEDPGLQWTAMALPALISLVIGFAFGALYWKKKQSSLTR : 246
Chicken   : NTSSNSNKEALGFISSSSLQGISIALTSLISLLIGFILGAI : 246
          a           6           1           k

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          *           260           *           280
Human      : AVENIQINEEDNEISMLQEKEREFQEV----- : 273
Chimpanzee : AVENIQINEEDNEISMLQEKEREFQEV----- : 273
Dog        : RTVENIQINEEDNEISMLQEKEREFQEV----- : 274
Mouse     : AVENIQINEEDNEISMLQOKEREFQEV----- : 273
Rat       : AVENIQINEEDNEISMLQOKEREFQEV----- : 273
Chicken   : YWKKTHPKSRPESNETIQCHGCQEEENEISMLQOKEKEHLQV : 287
          e           6q

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