

			*		20		*		40		
Human	:	MQSESGIVPDFE	VGEEFHEEPKTY	YELKSQPLKSSSS	SAEHP	:	41				
Chimpanzee	:	MQSESGIVPDFE	VGEEFHEEPKTY	YELKSQPLKSSSS	SAEHP	:	41				
Dog	:	MLEMLEYNHYQV	QTHLENPTKYHI	QQAQRQQVKQYL	STTLA	:	41				
Mouse	:	MLEMLEYSHYQV	QTHLENPTKYHI	QQAQRHQVKQYL	STTLA	:	41				
Rat	:	MQSESGIVADFE	VGEEFHEEPKTY	YELKSQPLKSSSS	SAEHS	:	41				
Chicken	:	MTSRILLRQQLM	REQMQEQERRE	QQKQQAQFMQQR	VVPS	:	41				
		M					2		k		s

			*		60		*		80		
Human	:	GASKPPISSSS	SMTSRILLRQQLM	REQMQEQERRE	QQKIQQA	:	82				
Chimpanzee	:	GASKPPISSSS	SMTSRILLRQQLM	REQMQEQERRE	QQKIQQA	:	82				
Dog	:	NKHANQVLSL	PCPNQPGDHVMP	VPVPGSSAPNS	PMAMLTLS	:	82				
Mouse	:	NKHASQVLSL	PCPNQPGDHAMP	VPVPGSSAPNS	PMAMLTLS	:	82				
Rat	:	GASKPPLSSS	TMTSRILLRQQLM	REQMQEQERRE	QQKIQQA	:	82				
Chicken	:	QTPAINVSV	PASLPPATQVP	MEVLKVQTHLE	NPTKYHIQQA	:	82				
			6		s						1

			*		100		*		120		
Human	:	AQFMOQRVPVS	QTPAINVSVPT	TTLPSATQVP	MEVLKVQTHL	:	123				
Chimpanzee	:	AQFMOQRVPVS	QTPAINVSVPT	TTLPSATQVP	MEVLKVQTHL	:	123				
Dog	:	NCEKEGFYKFE	EQNSRAESEC	PTMNTHSRASC	MQDDVIDDI	:	123				
Mouse	:	NCEKEAFYKFE	EQSRAESEC	PGMNTHSRASC	MQDDVIDDI	:	123				
Rat	:	AQFMOQRVAVS	QTPAINVSVPT	TTLPSATQVP	MEVLKVQTHL	:	123				
Chicken	:	QRQQVKQYLST	TLANKHANQALS	SLPCPNQPGDH	VMPVGTGS	:	123				
				p			m	6		v	

			*		140		*		160		
Human	:	ENPTKYHIQQA	QRQQVKQYLST	TLANKHANQVLS	SLPCPNQP	:	164				
Chimpanzee	:	ENPTKYHIQQA	QRQQVKQYLST	TLANKHANQVLS	SLPCPNQP	:	164				
Dog	:	ISLESSYNEE	ILGLMDPALQ	MANTLPVSGNL	IDLYGNQGLP	:	164				
Mouse	:	ISLESSYNEE	ILGLMDPALQ	MANTLPVSGNL	IDLYSNQGLP	:	164				
Rat	:	ENPTKYHIQQA	QRHQVKQYLST	TLANKHAGQVLS	SPPCPNQP	:	164				
Chicken	:	SAPNSPMAMLT	LNSNCEKEGFY	KFEEQSRV	ESECPALNTHS	:	164				
											p

			*		180		*		200		
Human	:	GDHVMPPVPG	SSAPNSPMAM	LTLSNCEKEGFY	KFEEQNSRA	:	205				
Chimpanzee	:	GDHVMPPVPG	SSAPNSPMAM	LTLSNCEKEGFY	KFEEQNSRA	:	205				
Dog	:	PPGLTISNS	CPANLPNIKRE	LTACIFPTESE	ARALAKERQK	:	205				
Mouse	:	PPGLTISNS	CPANLPNIKRE	LTACIFPTESE	ARALAKERQK	:	205				
Rat	:	GDHAMPPVPG	SSAPNSPMAM	LTLSNCEKEAFY	KFEEQNSRA	:	205				
Chicken	:	RASC	MQDDVIDDI	ISLESSYNEE	ILGLMDPALQ	:	205				
											lt



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                420          *          440          *
Human      : LVNRIIKQEPVLENCSDLLQHHADLTCTTTLDLTDGTITF : 451
Chimpanzee : LVSRIIKQEPVLENCSDLLQHHAELTCTTTLDLTDGTITF : 451
Dog        : SMEETHAC----- : 419
Mouse     : SAEETEHAC----- : 419
Rat       : LVNRIIKQEPVLENCSEQLVQHQADLTCTTTLDLTDGTISF : 451
Chicken   : GTYSVPAKMGSKLEDILMDDTLSPVGVTDPLLSSVSPGASK : 451

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                460          *          480          *
Human      : NNNLGTGTEANQAYSVP TKMGSKLEDILMDDTLSPVGVTD P : 492
Chimpanzee : NNNLGTGTEANQAYSVP TKMGSKLEDILMDDTLSPVGVTD P : 492
Dog        : ----- : -
Mouse     : ----- : -
Rat       : TNNLGTMPESPAYSIPRKMASNLEDILMDDALSPVGVTD P : 492
Chicken   : TSSRRSSVSMEDTDHAC----- : 468

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                500          *          520
Human      : LLSSVSPGASKTSSRRSSMSMEETEHTC : 520
Chimpanzee : LLSSVSPGASKTSSRRSSMSMEETEHTC : 520
Dog        : ----- : -
Mouse     : ----- : -
Rat       : LLSSVSPGASKTSSRRSSMSAEETEHTC : 520
Chicken   : ----- : -

```