

ARSE	Chicken	428	LLQGTVOHSEHEFMFH	YCGVVLHAVRWHQKDR	GTIWKAHYATPLFKPEDSGACFE	----
	Cow	438	LLQGTARHSDHEFLMH	YCESFLHAARWHQORD	----LWKVHFITTPIFQPDGAGACYG	----
	Dog	437	LLGTAQHSDHEFLH	YCEFLHAARWHQORDG	GRLLWKVHYMTPLFHPEGAGACYG	----
	Horse	435	LRGTARHSDHEFLH	YCGKFLHAARWHQORDR	CAVWKVHYVTPVFHFDGAGACYG	----
	Macaque	441	LLGTAQHSDHEFLMH	YCEGFLHAARWHQORDR	TTWKVHFVTPVFQPEGAGACYG	----
	Human	441	LLGTAQHSDHEFLMH	YCEFLHAARWHQORDR	CTMWKVHFVTPVFQPEGAGACYG	----
	Platypus	461	LQGTQQRSDHEFLFH	YCELYLHAVRWHHRES	CAVWKVHYVTPVFHFKGAGACYG	----
	Opossum	435	LWGEIDQSDHEFMFH	YCESYLHAVRWHQKDS	CTVWKVHYVTPVFHPEGAGACYG	----
	Puffer Fish	504	LECKVERSEHEFMFH	YCGLYLHAVRWHPPGS	DSVFKVHFITPNEFPPGAGGCYN	----
	Rat	443	LRGETWHSAAHEVLLH	YCEVELHAVRWHVQDS	GQVWKAHFVTPTFDPLGSGSCSGAGG	----
ARSD	Mouse	1	LRGEABHAAHEVLLH	YCEVELHAARLVQER	GKVKVHFVTPTFDPPGSGSCAGPDGG	----
	Dog	489	LRGAABHSAHEFLFH	YCGKYLHAARWHEKDS	GRLLWKVHYMTPRFHFKGAGACYG	----
	Horse	679	LQGAABHSEHEFLFH	YCGKHLHAARWHDKDS	GRLLWKVHYMTPRFHPEGAGACYG	----
	Human	442	LQGAEARSAHEFLFH	YCGQLHAARWHQKDS	GSVWKVHYTTPVFHPEERGLLTA	----
	Macaque	273	LQGAEARSAHEFLFH	YCGQLHAARWHQDS	GSVWKVHYTTPVFHPEGAGACYG	----
	Opossum	399	LQGTVBHSHKHFLLH	YCGIHLHAARWHQKDS	NKIWKVHYITPNEFHEPGAGACYG	----
	Platypus	515	-----HNEFRYLLSAYCLRSTELSTWERRERGEAVWKAHYVTPVFQPDGAGACYG			
	Chicken	390	LQGRTOKSEHKFLFH	YCGSYLHAVRWHQKDS	CAVWKAHYVTPNEFHLGAGACYG	----
	Zebrafish	333	LEGSSRSQHHEFMFH	YCGMYLNAVRRWHQNS	SSIYKVVVFSPVHSPAGSSGCFSS	----

ARSE	Chicken	482	-----RCICPCFCG	GVTHHDPPLLFDLSDPSE	
	Cow	489	-----QIVCPCSENRVTHH	APPLLFDLSDPSE	
	Dog	491	-----RGVPCPCG	QVAHDPPLLFDLSDPSE	
	Horse	489	-----KAVCPCSC	HGVSRHDPPLLFDLSDPSE	
	Macaque	494	-----RKVCPCFC	GKVLHDPPLLFDLSDPSE	
	Human	494	-----RKVCPCFC	GKVVHDPPLLFDLSDPSE	
	Platypus	515	-----RLVCPCFC	DRVTHHDPPLLFDLSSDPSE	
	Opossum	489	-----RGVPCPCFC	GVIIHDPPLLFDLSDPSE	
	Puffer Fish	558	-----TRITCQCF	GKHVSHDPPLVFDLFRDPSE	
	Rat	500	-----AAAVCPCVCK	VEEHDPPLLFELTSDPGE	
ARSD	Mouse	59	SGGGNDAEAGQEAGAAPQARL	CPCVFG	VTQHDPPLLYELTSDPGE
	Dog	543	-----RGVPCPCG	GVTOHSPPLLFELSDPSE	
	Horse	733	-----QGVPCPCSG	GVTOHNPPLLFELSDPSE	
	Human	496	-----EASAHAEWGGVTHHR	PPPLLFDLSDPSE	
	Macaque	327	-----RGVPCPCSG	GVTHHRPPLLFDLSDPSE	
	Opossum	453	-----RGVPCPCSG	HHVTYHDQPLLFDLSDPSE	
	Platypus	565	-----SRMCSCSC	GAVRRHPPPLLFDLSDPSE	
	Chicken	444	-----KGCPCFCG	GVTHHDPPLLYDLSDPSE	
	Zebrafish	387	-----TCSMCHKPHVTYH	SPPLVFLTSSDPSE	