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H.sapiens	1	MAL	LTN	LLPLCCLALLA	---	LPAQSCGPGRGPVGR	RRY	ARKQLVPLLYKQFV	PGV	PERTL
P.pygmaeus	1	MAL	LTN	LLPLCCLALLA	---	LPAQSCGPGRGPVGR	RRY	ARKQLVPLLYKQFV	PGV	PERTL
C.familiaris	1	MAL	PAR	VPLCCLALLA	---	LPAQSCGPGRGPVGR	RRY	VRKQLVPLLYKQFV	PSV	PERTL
M.musculus	1	MAL	PAS	LLPLCCLALLA	---	LSAQSCGPGRGPVGR	RRY	VRKQLVPLLYKQFV	PSM	PERTL
M.eugenii	1	MAL	RAS	LVPLCCLALLA	LLT	LPTR	SCGPGRGPVGR	RRY	VRKQL	IPLLYKQFVPSV

H.sapiens	58	GASGPAEGRVARGSERFRDLVPNYNPDIIFKDEENSGADRLMTERCKERVNALAIAVMNM									
P.pygmaeus	58	GASGPAEGRVARGSERFRDLVPNYNPDIIFKDEENSGADRLMTERCKERVNALAIAVMNM									
C.familiaris	58	GASGPAEGRVARGSERFRDLVPNYNPDIIFKDEENSGADRLMTERCKERVNALAIAVMNM									
M.musculus	58	GASGPAEGRVTRGSERFRDLVPNYNPDIIFKDEENSGADRLMTERCKERVNALAIAVMNM									
M.eugenii	61	GASGQPEGRVVRGSERFRDLVPNYNPDIIFKDEENSGADRLMTERCKERVNALAIAVMNM									

H.sapiens	118	WPGVRLRVTEGWDEEDGHHQAQDSLHYEGRALDITTSDDRDNKYGLLARLAVEAGFDWVYYE									
P.pygmaeus	118	WPGVRLRVTEGWDEEDGHHQAQDSLHYEGRALDITTSDDRDNKYGLLARLAVEAGFDWVYYE									
C.familiaris	118	WPGVRLRVTEGWDEEDGHHQAQDSLHYEGRALDITTSDDRDNKYGLLARLAVEAGFDWVYYE									
M.musculus	118	WPGVRLRVTEGWDEEDGHHQAQDSLHYEGRALDITTSDDRDNKYGLLARLAVEAGFDWVYYE									
M.eugenii	121	WPGVRLRVTEGWDEEDGHHQAQDSLHYEGRALDITTSDDRDNKYGLLARLAVEAGFDWVHYE									

H.sapiens	178	SRNHVHVSVKADNSLAVRAGGCFPGNATVRLWSGERKGLRELHRGDWVLAADASGRVVPT									
P.pygmaeus	178	SRNHVHVSVKADNSLAVRAGGCFPGNATVRLWSGERKGLRELHRGDWVLAADASGRVVPT									
C.familiaris	178	SRNHVHVSVKAG-----TVGGGCFRETEAAQLW-GDARGLRELHR-AWVLAADAAGR									
M.musculus	178	SRNHVHVSVKADNSLAVRAGGCFPGNATVRLRSGERKGLRELHRGDWVLAADAAGR									
M.eugenii	181	SRNHVHVSVKADNSLAVRAGGCFPGNATVRLQSGERKGLRELHHDGDWVLAADAAGR									

H.sapiens	238	PVLLFLDRDLQRRASFVAVETEWP									
P.pygmaeus	238	PVLLFLDRDLQRRASFVAVETEWP									
C.familiaris	232	PVLLFLDRDLQRRASFVAVETERPPR									
M.musculus	238	PVLLFLDRDLQRRASFVAVETERPPR									
M.eugenii	241	PVLLFLDRDLQRRASFVAVETERPPR									

H.sapiens	298	DSVLAPGGDALRPARVARVAREEAVGVFAPLTAHGTLVNDVLASCYAVLESHQWAHRAF									
P.pygmaeus	298	DSVLAPGGDALRPARVARVAREEAVGVFAPLTAHGTLVNDVLASCYAVLESHQWAHRAF									
C.familiaris	292	DSVLAPGGDALRPARVARVAREEAVGVFAPLTAHGTLVNDVLASCYAVLESHQWAHRAF									
M.musculus	298	DSVLAPGGDALQPARVARVAREEAVGVFAPLTAHGTLVNDVLASCYAVLESHQWAHRAF									
M.eugenii	301	DSVLAPGGDALRPARVARVAREEAVGVFAPLTAHGTLVNDVLASCYAVLESHQRAHRAF									

H.sapiens	358	APLRLHALGALLPGGAVQPTGMHWYSRLLYRLAEELLG									
P.pygmaeus	358	APLRLHALGALLPGGAVQPTGMHWYSRLLYRLAEELLG									
C.familiaris	352	APLRLHALGALLPGGAVQPTGMHWYSRFLYRLAEELLG									
M.musculus	358	APLRLHALGALLPGGAVQPTGMHWYSRLLYRLAEELMG									
M.eugenii	361	APLRLHALGALLPGGTTTQSTGMQWYSRLLYRLAEELLG									