>Human (Homo sapiens)

MATRSPGVVISDDEPGYDLDLFCIPNHYAEDLERVFIPHGLIMDRTERLARDVMKEMGGHHIVALCVLKG

GYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSYCNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTG

KTMQTLLSLVRQYNPKMVKVASLLVKRTPRSVGYKPDFVGFEIPDKFVVGYALDYNEYFRDLNHVCVISE

TGKAKYKA

>Chimpanzee (Pan troglodytes)

MATRSPGVVISDDEPGYDLDLFCIPNHYAEDLERVFIPHGLIMDRTERLARDVMKEMGGHHIVALCVLKG

GYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSYCNDQSTGDTKVIGGDDLSTLTGKNVLIVEDIIDTG

KTMQTLLSLVRQYNPKMVKVASLLVKRTPRSVGYKPDFVGFEIPDKFVVGYALDYNEYFRDLNHVCVISE

TGKAKYKA

>Macaque (Macaca fascicularis)

MATRSPGVVISDDEPGYDLDLFCIPNHYAEDLERVFIPHGLIMDRTERLARDVMKKMGGHHIVALCVLKG

GYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSYCNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTG

KTMQTLLSLVRQYNPKMVKVASLLVKRTPRSVGYKPDFVGFEIPDKFVVGYALDYNEYFRDLNHVCVISE

TGKAKYKA

>Dog (Canis lupus familiaris)

MATRSLGVVISDDEPGYDLDLFCIPHHYAEDLEKVFIPHGLIMDRTERLARDVMKEMGGHHIVALCVLKG

GYKFFADLLDYIKALNRNSDGSIPMTVDFIRLKSYCNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTG

KTMQTLLSLVKEHNPKMVKVASLLVKRTPRSVGYKPDFVGFEIPDKFVVGYALDYNEYFRDLNHVCVISE

TGKAKYKA

>Pig (Sus scrofa)

MATRSPSVVISDDEPGYDLDLFCIPNHYAEDLEKVFIPHGLIMDRTERLARDVMKEMGGHHIVALCVLKG

GYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSYCNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTG

KTMQTLLSLVKQHNPKMVKVASLLVKRTPRSVGYRPDFVGFEIPDKFVVGYALDYNEYFRDLNHVCVISE

TGKAKYKA

>Rabbit (Oryctolagus cuniculus)

MATRSPSVVISDDEPGYDLDLFCIPNHYVEDLERVFIPHGLIMDRTERLARDVMKEMGGHHIVALCVLKG

GYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSYCNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTG

KTMQTLLSLVKQYNPKMVKVASLLVKRTPRSVGYRPDFVGFEIPDKFVVGYALDYNEYFRDLNHVCVISE

TGKAKYKA

>Cow (Bos Taurus)

MAARSPSVVISDDEPGYDLNLFCIPNHYAEDLEKVFIPHGLIMDRTERLARDVMKEMGGHHIVALCVLKG

GYKFFADLLDYIKALNRNSDKSIPMTVDFIRLKSYCNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTG

KTMQTLLALVKKHKPKMVKVASLLMKRTPRSVGYKPDFVGFEIPDKFVVGYALDYNEYFRDLNHVCVISE

TGKAKYKA

>Platypus (Ornithorhynchus anatinus)

MAALSPSIVIGDDEAGYDLDLFCIPKHYAEDLEKVFIPHGLIMDRTERLARDVMKEMGGHHIVALCVLKG

GYKFFADLLDYIKALNRNSDKSIPMTVDFIRLKSYCNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTG

KTMKTLLSLVKQYNPKMVKVASLLVKRTPRSVGYRPDFVGFEIPDKFVVGYALDYNEYFRDLNHICVISE

TGKEKYKA

>Mouse (Mus musculus)

MPTRSPSVVISDDEPGYDLDLFCIPNHYAEDLEKVFIPHGLIMDRTERLARDVMKEMGGHHIVALCVLKG

GYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSYCNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTG

KTMQTLLSLVKQYSPKMVKVASLLVKRTSRSVGYRPDFVGFEIPDKFVVGYALDYNEYFRDLNHVCVISE

TGKAKYKA

>Rat (Rattus norvegicus)

MSTLSPSVVISDDEPGYDLDLFCIPNHYAEDLEKVFIPHGLIMDRTERLARDVMKEMGGHHIVALCVLKG

GYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSYCNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTG

KTMQTLLSLVKQYSPKMVKVASLLVKRTSRSVGYRPDFVGFEIPDKFVVGYALDYNEHFRDLNHVCVISE

SGKAKYKA

>Chicken (Gallus gallus)

MATHSPCIVIGDDEQGYDLDLFCIPKHYADDLEKVYIPHGLIMDRTERLAREIMKGMGGHHIVALCVLKG

GYKFFADLLDYIKALNRNSDKSIPMTVDFIRLKSYCNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTG

KTMKTLLSLLKQYNPKMVKVASLLVKRTPRSVGYRPDFVGFEVPDKFVVGYALDYNEYFRDLNHICVISE

TGKQKYKA

>Frog (Xenopus tropicalis) (Western Clawed Frog)

MASPCIVIQDDEQGYDLDLFCIPKHYAADLEKVYIPHGLIMDRTERLARDIMKDMGGHHIVALCVLKGGY

KFFADLLDYIKALNRNSDKSIPMTVDFIRLKSYCNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTGKT

MKTLLAMLKKYNPKMVKVASLLVKRTPRSVGYRPDFVGFEVPDKFVVGYALDYNEYFRDLNHICVISEDG

KEKYKT

>Zebrafish (Danio rerio)

MASSSPCVVISDEEQGYDLDLFCIPKHYAADLERVYIPHGLIMDRTERLARDIMKDMGGHHIVALCVLKG

GYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSYQNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTG

KTMKTLLELLKQYNPKMVKVASLLVKRTPRSVGYRPDFVGFEVPDKFVVGYALDYNEYFRDLNHICVISE

TGKEKYKA

>Roundworm (Caenorhabditis elegans)

MAPTRAVIPDDFELPVDAFDIPICYDGDLSGVVIPEGLVRDRVRRLAKDIHAEIGNKPIALLCVLKGSYK

FFTALVEELTNARSSCPEPMTVDFIRVKSYEDQMSTGQIQIMGLSNLDELKGKSVLVVDDISDTGRTLAK

LLSTLHETGVEKTWTALLLSKRVKRVVDVPEDFVAFEIPDKFIVGYGLDYNQKFRDLGHICVMSPAGIEK

YKSE

>Arabidopsis (Arabidopsis thaliana) (Thale Cress)

MALEKHIEKVLFSDEVIAHRVNQLGIDITSDFSGDSEETPIFVGVATGACLFLADLVRRIDLPIAIDFIR

AESYGSGTVSSGVPRVSFDLKLDITNKHVVLVEDIVDTGNTLSCLIEHMKAKKASSVSVCTLLDKPSRRK

VHYKLVGKGKFYSGFECPDEFVVGYGMDFAEQYRNLSYIGVLKPEYYM