

logo

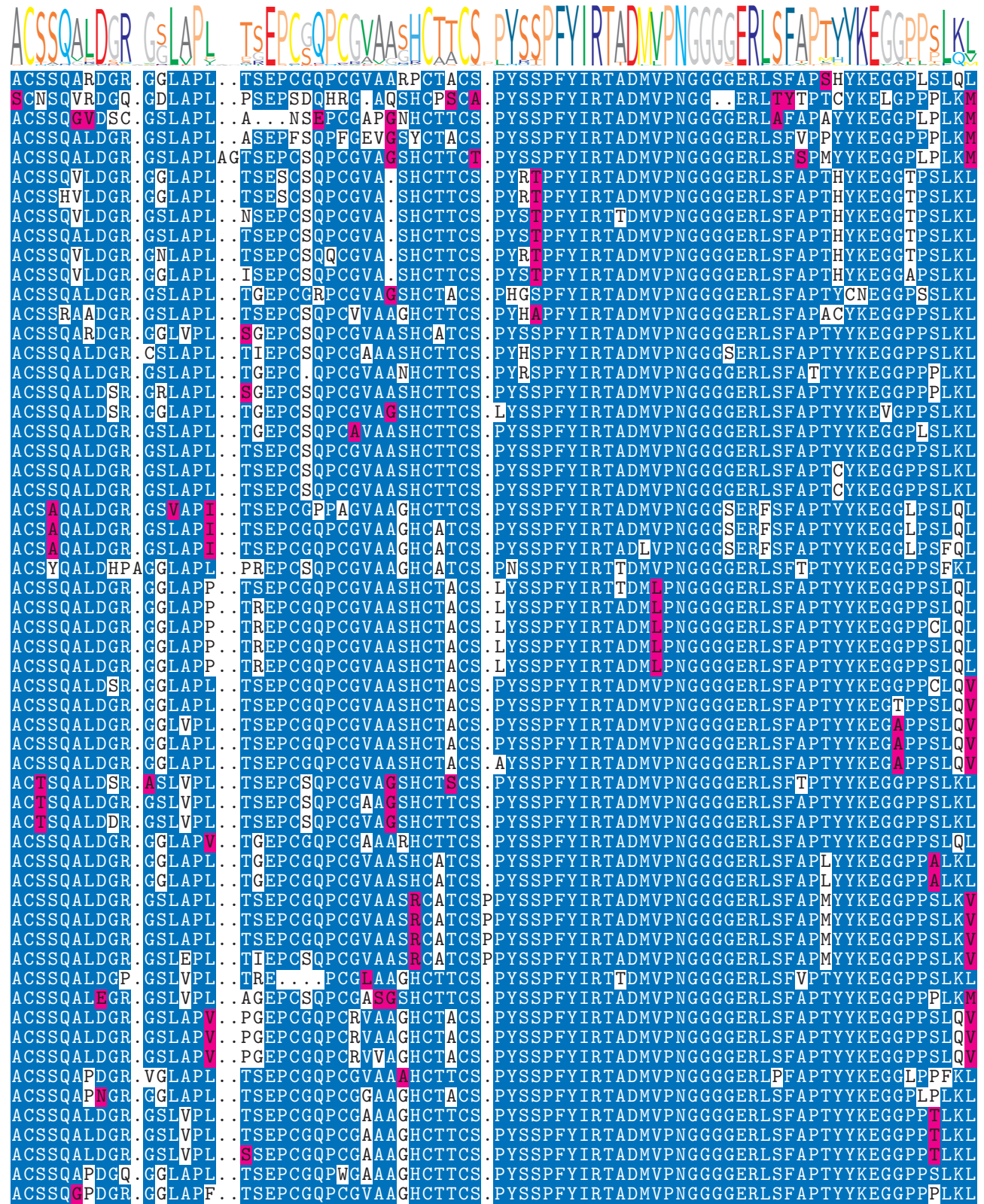
Pteropus vampyrus	MSLSRRDDLSIIISNSFIQLSSGHAGIREVGTWEKE	35
Phascolarctos cinereus	MTAGTVVITGGILATVILLG	30
Echinops telfairi	MTAGTVVITGGILATVILLG	30
Chrysochloris asiatica	MTAGTVVITGGILATVILLG	30
Trichechus manatus latirostris	MTAGTVVITGGILATVILLG	30
Mus caroli	MTAGTVVITGGILATVILLG	30
Mus musculus	MTAGTVVITGGILATVILLG	30
Cricetulus griseus	MTAGTVVITGGILATVILLG	30
Mesocricetus auratus	MTAGTVVITGGILATVILLG	30
Microtus ochrogaster	MTAGTVVITGGILATVILLG	30
Neotoma lepida	MTAGTVVITGGILATVILLG	30
Carlito syrichta	MTAGTVVITGGILATVILLG	30
Sciurus carolinensis	MTAGTVVITGGILATVILLG	30
Equus przewalskii	MTAGTVVITGGILATVILLG	30
Dipodomys ordii	MTAGTVVITGGILATVILLG	30
Castor canadensis	MTAGTVVITGGILATVILLG	30
Galeopterus variegatus	MTAGTVVITGGILATVILLG	30
Daubentonia madagascariensis	MTAGTVVITGGILATVILLG	30
Sapajus apella	MTAGTVVITGGILATVILLG	30
Homo sapiens	MTAGTVVITGGILATVILLG	30
Macaca fascicularis	MTAGTVVITGGILATVILLG	30
Macaca mulatta	MTAGTVVITGGILATVILLG	30
Cnephaeus nilssonii	MTAGTVVITGGILAAVILLS	30
Myotis brandtii	MTAGTVVITGGILAAVILLS	30
Myotis davidii	MTAGTVVITGGILAAVILLS	30
Erinaceus europaeus	MTAGTVVITGGILATVILLS	30
Lipotes vexillifer	MTAGTVVITGGILATVILLG	30
Neophocaena asiaeorientalis asiaeorientalis	MTAGTVVITGGILATVILLG	30
Tursiops truncatus	MTAGTVVITGGILATVILLG	30
Delphinapterus leucas	MTAGTVVITGGILATVILLG	30
Monodon monoceros	MTAGTVVITGGILATVILLG	75
Physeter macrocephalus	MTAGTVVITGGILATVILLG	30
Balaenoptera musculus	MTAGTVVITGGILAAVILLG	30
Balaenoptera physalus	MTAGTVVITGGILAAVILLG	43
Balaenoptera acutorostrata	MTAGTVVITGGILAAVILLG	30
Eschrichtius robustus	MTAGTVVITGGILAAVILLG	30
Heterocephalus glaber	MTAGTVVITGGILATVILLG	30
Octodon degus	MTAGTVVITGGILATVILLG	30
Fukomys damarensis	MTAGTVVITGGILATVILLG	30
Hipposideros armiger	MTAGTVVITGGILATVILLG	30
Ceratotherium simum simum	MTAGTVVITGGILATVILLG	30
Diceros bicornis minor	MTAGTVVITGGILATVILLG	30
Camelus bactrianus	MTAGTVVITGGILATVILLG	30
Camelus dromedarius	MTAGTVVITGGILATVILLG	30
Camelus ferus	MTAGTVVITGGILATVILLG	30
Vicugna pacos	MTAGTVVITGGILATVILLG	30
Galemys pyrenaicus	MTAGTVVITGGILATVILLG	46
Orycteropus afer afer	MTAGTVVITGGILATVILLG	30
Odocoileus virginianus	MTAGTVVITGGILATVILLG	30
Bos indicus	MTAGTVVITGGILATVILLG	30
Bos mutus	MTAGTVVITGGILATVILLG	30
Vulpes vulpes	MTAGTVVITGGILATVILLG	30
Mustela putorius furo	MTAGTVVITGGILATVILLG	30
Acinonyx jubatus	MTAGTVVITGGILATVILLG	30
Panthera pardus	MTAGTVVITGGILATVILLG	30
Puma concolor	MTAGTVVITGGILATVILLG	30
Ursus maritimus	MTAGTVVITGGILATVILLG	30
Leptonychotes weddellii	MTAGTVVITGGILATVILLG	30

logo

Pteropus vampyrus	.....K.....	.....GACSPG.....GSMRPRGEWGRERE.....KGP	64
Phascolarctos cinereus	.....	.....YYCCKKD.DSDDEEE.....EGHDL	61
Echinops telfairi	.....	.....YYCCKKS.GAEDADEE.EKEEEEEHGLPPRPRGPTCN	65
Chrysochloris asiatica	.....	.....YYCCKKS.GAEDADEE.....EEEEHDLPTHPRGPTCN	63
Trichechus manatus latirostris	.....	.....YYCCKKS.GAEDADEE.....EEEEHNLSTYPRGPTCN	63
Mus caroli	.....	.....YYCCKKGTDGEDADEE..EEEEEHGLSIHPRVPACN	65
Mus musculus	.....	.....YYCCKKGTDGEDADEE..EEEEEHGLSIHPRVPACN	65
Cricetulus griseus	.....	.....YYCCKKNTDDEDADEE..EEEEEHNLSTYHPRGPTCN	65
Mesocricetus auratus	.....	.....YYCCKKNTDDEDADEE..EEEEEHNLSTYHPRGPTCN	65
Microtus ochrogaster	.....	.....YYCCKKSTDDADEE.....EEEEEHDLSTYHPRGPTCN	67
Neotoma lepida	.....	.....YYCCKKSTDDADEE..EEEEEHDLSTYHPRGPTCN	65
Carlito syrichta	.....	.....YYCCKKS.ETEDADEE.....EEQEHDLPALPRGSSCN	63
Sciurus carolinensis	.....	.....YYCCKKS.TAEDADEEDEEEEEEHGLAAHPRGPTCN	66
Equus przewalskii	.....	.....YYCCKKS.GAEDADEE.EAEEEEHDLTPPRGPTCN	65
Dipodomys ordii	.....	.....YYCCKKS.TVEDADED.....EEEEHDFPTHPRVSTCN	63
Castor canadensis	.....	.....YYCCKKG.TTEDADEE.....EEEGHDLPTHPRGPTCN	63
Galeopterus variegatus	.....	.....YYCCKKS.EAEDADEE.....EEHDLTTHPRGPSCN	61
Daubentonia madagascariensis	.....	.....YYCCKKS.GSDEADEE.....EEQEHDLPTHPRGPSCN	63
Sapajus apella	.....	.....YYCCKKS.GTEDADQE.....EEQEHDLPTHPRGPSCN	63
Homo sapiens	.....	.....YYCCKKS.GTEVADEE.....EEREHDLPTHPRGPTCN	63
Macaca fascicularis	.....	.....YYCCKKS.GTEDADEE.....EEREHDLPTHPRGPSCN	63
Macaca mulatta	.....	.....YYCCKKS.GTEDADEE.....EEREHDLPTHPRGPSCN	63
Cnephaeus nilssonii	.....VSSGPWAESGSVGRAPSGGTLQLLPAAPALSS	.....YYCCKKS.GEEDADEE.....EEEHDLTPSRGPPCN	94
Myotis brandtii	.....	.....YYCCKKS.GEEDADEE.....EEEHDLTPSRGPPCN	62
Myotis davidii	.....	.....YYCCKKS.GEEDADEE.....EEEHDLTPSRGPPCN	62
Erinaceus europaeus	.....	.....YYCCKKS.RAENADEE.....EEEQDLTPPRGPTCN	62
Lipotes vexillifer	.....	.....YYCCKKS.RAEDAREE.....EEEDHDLPAHRRGPTCN	63
Neophocaena asiaeorientalis asiaeorientalis	.....	.....YYCCKKS.RDEDAREE.....EEEDHDLPAHRRGPTCN	63
Tursiops truncatus	.....	.....YYCCKKS.RAEDAREE.....EEEDHDLPAHRRGPTCN	63
Delphinapterus leucas	.....	.....YYCCKKS.RAEDAREE.....EEEDHDLPAHRRGPTCN	63
Monodon monoceros	SALRQPSPLSP	.....YYCCKKS.RAEDAREE.....EEEDHDLPAHRRGPTCN	119
Physeter macrocephalus	.....	.....YYCCKKS.GAEDAGEE.....EEEELDLPAHRRGPTCN	63
Balaenoptera musculus	.....	.....YYCCKKS.GAGDAREE.....EEEEHDLPAHRRGPTCN	63
Balaenoptera physalus	SALRQPSPLSP	.....YYCCKKS.GAGDAREE.....EEEEHDLPAHRRGPTCN	87
Balaenoptera acutorostrata	.....	.....YYCCKKS.GAGDAREE.....EEEEHDLPAHRRGPTCN	63
Eschrichtius robustus	.....	.....YYCCKKS.GAGDAREE.....EEEEHDLPAHRRGPTCN	63
Heterocephalus glaber	.....	.....YYCCKKS..TEDTDEE.EE.EEEEEHDLPSHPRGPTCN	64
Octodon degus	.....	.....YYCCKKS..TEDADQE.EE.EEEEEHNLAVHPRGPTCN	65
Fukomys damarensis	.....	.....YYCCKKS..TEDADEE.EE.EEEEEHGLPAHPRGPTCN	64
Hipposideros armiger	.....	.....YYCCKKR.GAEDADDE.....EEEHDLTPSRGPPCN	62
Ceratotherium simum simum	.....	.....YYCCKKS.RAEDADEE.EAEEEEHDLTPPRGPTCN	65
Diceros bicornis minor	.....	.....YYCCKKS.RAEDADEE.EAEEEEHDLTPPRGPTCN	65
Camelus bactrianus	.....	.....YYCCKKS.GAEDADEEEAEEEEHDLCAHPRGPTCN	66
Camelus dromedarius	.....	.....YYCCKKS.GAEDADEEEAEEEEHDLCAHPRGPTCN	66
Camelus ferus	.....	.....YYCCKKS.GAEDADEEEAEEEEHDLCAHPRGPTCN	66
Vicugna pacos	.....	.....YYCCKKG.GAEDADEEEAEEEEHDLCAHPRGPTCN	66
Galemys pyrenaicus	SLKANTVPLFP	.....YYCCKKS.GAEDADEE.....EEEDHGLPTTPPRGPPCN	89
Orycteropus afer afer	.....	.....YYCCKKS.GAEDADDE.....EEEGHDLSTYHPRGPTCN	63
Odocoileus virginianus	.....	.....YYCCKKS.GAEDADEE.....EEEEHDLPTHPRGPTCN	63
Bos indicus	.....	.....YYCCKKS.RAEDADEE.....GEEHDLPTHPRGPACN	63
Bos mutus	.....	.....YYCCKKS.RAEDADEE.....GEEHDLPTHPRGPACN	63
Vulpes vulpes	.....	.....YYCCKKS.RAEDADEE.....EEEHDLPAH.....PTCN	59
Mustela putorius furo	.....	.....YYCCKKS.RAGDADEE.....EEERDLPPHPRGPSCN	62
Acinonyx jubatus	.....	.....YYCCKKS.RAEDADEE.....EEEHDLPTHPRGPTCN	62
Panthera pardus	.....	.....YYCCKKS.RAEDADEE.....EEEHDLPTHPRGPTCN	62
Puma concolor	.....	.....YYCCKKS.RAEDADEE.....EEEHDLPTHPRGPTCN	62
Ursus maritimusYYCCKKS.RAEDADDE.....EEEHDLPPHPRGPTCN	62
Leptonychotes weddelliiYYCCKKS.RAEDADDE.....EEEHDLPAHPRGPSCN	62

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Pteropus vampyrus
Phascolarctos cinereus
Echinops telfairi
Chrysochloris asiatica
Trichechus manatus latirostris
Mus caroli
Mus musculus
Cricetulus griseus
Mesocricetus auratus
Microtus ochrogaster
Neotoma lepida
Carlito syrichta
Sciurus carolinensis
Equus przewalskii
Dipodomys ordii
Castor canadensis
Galeopterus variegatus
Daubentonia madagascariensis
Sapajus apella
Homo sapiens
Macaca fascicularis
Macaca mulatta
Cnephaeus nilssonii
Myotis brandtii
Myotis davidii
Erinaceus europaeus
Lipotes vexillifer
Neophocaena asiaeorientalis asiaeorientalis
Tursiops truncatus
Delphinapterus leucas
Monodon monoceros
Physeter macrocephalus
Balaenoptera musculus
Balaenoptera physalus
Balaenoptera acutorostrata
Eschrichtius robustus
Heterocephalus glaber
Octodon degus
Fukomys damarensis
Hipposideros armiger
Ceratotherium simum simum
Diceros bicornis minor
Camelus bactrianus
Camelus dromedarius
Camelus ferus
Vicugna pacos
Galemys pyrenaicus
Orycteropus afer afer
Odocoileus virginianus
Bos indicus
Bos mutus
Vulpes vulpes
Mustela putorius furo
Acinonyx jubatus
Panthera pardus
Puma concolor
Ursus maritimus
Leptonychotes weddellii






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AAPQSYPTWPGSGREAFNPRISTDV

Pteropus vampyrus	AAPQGYPTWPGSGREAFNPRISTDV	168
Phascolarctos cinereus	SSLQSFPTWRPGLGREAFNPRISTEV	162
Echinops telfairi	AAPQSYPTWPGSGHEAFNPRISTDV	166
Chrysocloris asiatica	AMPQSYPTWPGSGHEAFNPRISTDV	167
Trichechus manatus latirostris	AVPQSYPTWPGSGHEAFNPRISTDV	169
Mus caroli	AAPQSYPTWPGSSCHEAFNPRISTDV	168
Mus musculus	AAPQNYPTWPGSSCHEAFNPRISTDV	168
Cricetulus griseus	AAPQSYPTWPGSSCHEAFNPRISTDV	168
Mesocricetus auratus	AAPQSYPTWPGSSCHEAFNPRISTDV	168
Microtus ochrogaster	AAPQSYPTWPGSSCHEAFNPRISTDV	170
Neotoma lepida	AAPQSYPTWPGSSCHEAFNPRISTDV	168
Carlito syrichta	AAPQGYPTWPGSGREAFNPRISTDV	167
Sciurus carolinensis	AAPQSYPTWPGSGREAFNPRISTDV	170
Equus przewalskii	AVPQSYPTWPGSGREAFNPRISTDV	169
Dipodomys ordii	AAPQSYPTWPGSGREAFNPRISTDV	167
Castor canadensis	ATPQSYPTWPGSGREAFNPRISTDV	166
Galeopterus variegatus	AVPQSYPTWPGSGREAFNPRISTDV	165
Daubentonia madagascariensis	AAPQSYPTWPGSGREAFNPRISTDV	167
Sapajus apella	AAPQSYPTWPGSGREAFNPRISTDV	167
Homo sapiens	AAPQSYPTWPGSGREAFNPRISTDV	167
Macaca fascicularis	AAPQSYPTWPGSGREAFNPRISTDV	167
Macaca mulatta	AAPQSYPTWPGSGREAFNPRISTDV	167
Cnephaeus nilssonii	AAPQSYPTWPGSGREPFTNPRISTEV	198
Myotis brandtii	AAPQSYPTWPGSAREAFNPRISTDV	166
Myotis davidii	AAPQGYPTWPGSAREAFNPRISTDV	166
Erinaceus europaeus	AAPQSYAVTWPGSGHEAFNPRISTDV	167
Lipotes vexillifer	AAPQSYPTWPGSGREAFNPRISTDV	167
Neophocaena asiaeorientalis asiaeorientalis	AAPPSYPTWPGSGREAFNPRISTDV	167
Tursiops truncatus	AAPQSYPTWPGSGREAFNPRISTDV	167
Delphinapterus leucas	AAPQSYPTWPGSGREAFNPRISTDV	167
Monodon monoceros	AAPQSYPTWPGSGREAFNPRISTDV	223
Physeter macrocephalus	AAPQSYPTWPGSGRECFTNPRISTDV	167
Balaenoptera musculus	AAPQSYPTWPGSGREAFNPRISTDV	167
Balaenoptera physalus	AAPQSYPTWPGSGREAFNPRISTDV	191
Balaenoptera acutorostrata	AAPQSYPTWPGSGHEAFNPRISTDV	167
Eschrichtius robustus	AAPQSYPTWPGSGREAFANPRISTDV	167
Heterocephalus glaber	AVPQSYPTWPGSGREAFNPRISTDV	168
Octodon degus	AVPQSYPTWPGSGREAFNPRISTDV	169
Fukomys damarensis	AVPQSYPTWPGSGREAFNPRISTDV	168
Hipposideros armiger	AAPQSYPTWPGPGREAFNPRISTDV	166
Ceratotherium simum simum	AAPQSYPTWPGPGREAFNPRISTDV	169
Diceros bicornis minor	AAPQSYPTWPGPGREAFNPRISTDV	169
Camelus bactrianus	AAPQSYPTWPGSGREAFNPRISTDV	171
Camelus dromedarius	AAPQSYPTWPGSGREAFNPRISTDV	171
Camelus ferus	AAPQSYPTWPGSGREAFNPRISTDV	171
Vicugna pacos	AAPQSYPTWPGSGREAFNPRISTDV	171
Galemys pyrenaicus	AAPQSYPTWPGSGREAYTNPRISTDV	189
Orycteropus afer afer	AVPQSYPTWPGSGHEAFNPRISTDV	167
Odocoileus virginianus	AAPQSYPTWPGSGREAFNPRISTDV	167
Bos indicus	AAPQSYPTWPGSGREAFNPRISTDV	167
Bos mutus	AAPQSYPTWPGSGREAFNPRISTDV	167
Vulpes vulpes	AAPQSYPTWPGSGREAFNPRISTDV	163
Mustela putorius furo	AVPQSYPTWPGSGHEAFNPRISTDV	166
Acinonyx jubatus	AVPQSYPTWPGSGREAFNPRISTDV	166
Panthera pardus	AVPQSYPTWPGSGREAFNPRISTDV	166
Puma concolor	AVPQSYPTWPGSGREAFNPRISTDV	166
Ursus maritimus	AVPQSYPTWPGSGREAFNPRISTDV	166
Leptonychotes weddellii	AVPQSYPTWPGSGRCFTNPRISTDV	166

 non-conserved
 similar
 $\geq 50\%$ conserved