

<i>Bos taurus</i>	FQRAGVNFALIAQGRGLLLADDMGLGKTTQAICIAAYYRKWEPLLVVVPSS
<i>GLEAN_20241</i>	FQRAGVNFALIAQGRGLLLADDMGLGKTTQAICIAAYYRKWEPLLVVVPSS
<i>Equus caballus</i>	FQRAGVNFAVAAGGRLLLLADDMGLGKTTQAICVAAFYRKWEPLLVVVPSS
<i>Pan troglydtes</i>	FQRAGVNFALIAKGRLLLLADDMGLGKTTQAICIAAFYRKWEPLLVVVPSS
<i>Homo sapiens</i>	FQRAGVNFALIAKGRLLLLADDMGLGKTTQAICIAAFYRKWEPLLVVVPSS
<i>Macaca mulatta</i>	FQRAGVNFALIAKGRLLLLADDMGLGKTTQAICIAAFYRKWEPLLVVVPSS
<i>Canis familiaris</i>	FQRAGVNFALIAKGRLLLLADDMGLGKTTQAICIAAFYQKEWPLLVVVPSS
<i>Rattus norvegicus</i>	FQREGVSPFAISKGRLLLLADDMGLGKTTQAICIAAFYRKWEPLLVVVPSS
<i>Mus musculus</i>	FQREGVSPFAISKGRLLLLADDMGLGKTTQAICIAAFYRKWEPLLVVVPSS
<i>Monodelphis domestica</i>	FQRIGVNFALISKGRLLLLADDMGLGKTTQAICIAAYYRTEWPLLVVTPTST

<i>Bos taurus</i>	VRFTWEQAFCRWLPSLNLPLDINVVVVTGKDRLTDGLVNIVSFDLLSKLEKQ
<i>GLEAN_20241</i>	VRFTWEQAFCRWLPSLNLPLDINVVVVTGKDRLTDGLVNIVSFDLLSKLEKQ
<i>Equus caballus</i>	VRFTWEQAFLOWLPSLSPDHINVVVVTGKDHLTAGLVNIVSFDLLSKLEKQ
<i>Pan troglydtes</i>	VRFTWEQAFRLWLPSLSPDCINVVVVTGKDRLTAGLINIVSFDLLSKLEKQ
<i>Homo sapiens</i>	VRFTWEQAFRLWLPSLSPDCINVVVVTGKDRLTAGLINIVSFDLLSKLEKQ
<i>Macaca mulatta</i>	VRFTWEQAFRLWLPSLSPDCINVVVVTGKDRLTAGLINIVSFDLLSKLEKQ
<i>Canis familiaris</i>	VRFTWEQAFRLWLPSLSPERINVVVVTGKDRLTAGLVNIVSFDLLSKLEKQ
<i>Rattus norvegicus</i>	VRFTWEQAFRLWLPSLSPEDINVVVVTGKGRLTAGLVNIVSFDLLSKLEKQ
<i>Mus musculus</i>	VRFTWEQAFRLWLPSLSPENINVVVVTGKGRLTAGLVNIVSFDLLCKLERQ
<i>Monodelphis domestica</i>	VRFTWEQAFHRLWLPSLSPDSTNVVVVTGKRLSLTAGLINIVSFDLLSKMNKK

<i>Bos taurus</i>	****	*
<i>GLEAN_20241</i>	LK---PPFKVVIIDESHFLKNIKTAVC	AAMPLLKVAKRVIILSGTPAMS
<i>Equus caballus</i>	LK---PPFKVVIIDESHFLKNIKTAR	CRAAMPLLKVAKRVIILSGTPAMS
<i>Pan troglydtes</i>	LKQLKSPPFKVVIIDESHFLKNSKTAR	CRAATPLLKVANRVIILSGTPAMS
<i>Homo sapiens</i>	LK---TPFKVVIIDESHFLKNSRTAR	CRAAMPVLKVAKRVIILSGTPAMS
<i>Macaca mulatta</i>	LK---TPFKVVIIDESHFLKNSRTAR	CRAAMPVLKVAKRVIILSGTPAMS
<i>Canis familiaris</i>	LK---TPFKVVIIDESHFLKNIKTAR	CRAAMPLLKVAKRVIILSGTPAMS
<i>Rattus norvegicus</i>	LK---TPFKVVIIDESHFLKNIKTAR	CRAAVPLKVAKRVIILSGTPAMS
<i>Mus musculus</i>	LK---TPFKVVIIDESHFLKNIKTAR	CRAAVPLKVAKRVIILSGTPAMS
<i>Monodelphis domestica</i>	LQ---TSFQVVIIDESHFLKNIKTAR	CRAAMPLKAKRVIILSGTPAMS

<i>Bos taurus</i>	RPABLYTQILAVRPTFFFPQHAFGLRYC	GAKRQPWGWDYSGSSNLGELKL
<i>GLEAN_20241</i>	RPABLYTQILAVRPTFFFPQHAFGLRYC	GAKRQPWGWDYSGSSNLGELKL
<i>Equus caballus</i>	RPABLYTQILAVKPTFFFPQHAFGLRYC	DAKRMPWGWDYSGSSNLGELKL
<i>Pan troglydtes</i>	RPABLYTQIIAVKPTFFFPQHAFGLRYC	DAKRMPWGWDYSGSSNLGELKL
<i>Homo sapiens</i>	RPABLYTQIIAVKPTFFFPQHAFGLRYC	DAKRMPWGWDYSGSSNLGELKL
<i>Macaca mulatta</i>	RPABLYTQIIAVKPTFFFPQHAFGLRYC	DAKRMPWGWDYSGSSNLGELKL
<i>Canis familiaris</i>	RPABLYTQIIAVKPTFFFPQHAFGLRYC	DAKRMPWGWDYSGSSNLGELKL
<i>Rattus norvegicus</i>	RPABLYTQIIAVKPTFFFPQHAFGLRYC	DAKRMPWGWDYSGSSNLGELKL
<i>Mus musculus</i>	RPABLYTQIIAVKPTFFFPQHAFGLRYC	DAKRMPWGWDYSGSSNLGELKL
<i>Monodelphis domestica</i>	RPABLYTQIIAVKPTFFFPQHAFGLRYC	DAKRMPWGWDYSGSSNLGELKL

<i>Bos taurus</i>	LLEEAVMLRLRLKGDVLSQLPAKQ	PRWWSPOARSMPGPEPEPMPPEAKEMT
<i>GLEAN_20241</i>	LLEEAVMLRLRLKGDVLSQLPAKQ	RKMVVVAPGQINARTRALDAAAKEMT
<i>Equus caballus</i>	LLEEAVMLRLRLKSDVLSQLPAKQ	RKMVVVAPGRINAKARASLDAAAKEMT
<i>Pan troglydtes</i>	LLEEAVMLRLRLKSDVLSQLPAKQ	RKTVVIAPGRINARTRALDAAAKEMT
<i>Homo sapiens</i>	LLEEAVMLRLRLKSDVLSQLPAKQ	RKTVVIAPGRINARTRALDAAAKEMT
<i>Macaca mulatta</i>	LLEEAVMLRLRLKSDVLSQLPAKQ	RKTVVIAPGRINARTRALDAAAKEMT
<i>Canis familiaris</i>	LLEEAVMLRLRLKCDVLAQLPEPKQ	RKMVIIAPGRISTRARAALDAVAKEMT
<i>Rattus norvegicus</i>	LLEEAVMLRLRLKSDVLSQLPAKQ	RKMVVVNPGRISTRARAALDAAAKEMT
<i>Mus musculus</i>	LLEEAIMLRLRLKSDVLSQLPAKQ	RKMVVVNPGRISTRARAALDAAAKEMT
<i>Monodelphis domestica</i>	LLEESVMLRLRLKSDVLSQLPAKQ	RKMVVVNLGQMSAKTRASLAAAAKEMA

<i>Bos taurus</i>	TKDKTKQQQKEALILFFNRTAEAKIP	SIIEYILDLLSGREKFLV
<i>GLEAN_20241</i>	TKDKTKQQQKEALILFFNRTAEAKIP	SIIEYILDLLSGREKFLV
<i>Equus caballus</i>	TKNKTQQQKEALILFFNRTAEAKIP	CVIEYILDLLSGREKFLV
<i>Pan troglydtes</i>	TKDKTKQQQKDALILFFNRTAEAKIP	SVIEYILDLLSGREKFLV
<i>Homo sapiens</i>	TKDKTKQQQKDALILFFNRTAEAKIP	SVIEYILDLLSGREKFLV
<i>Macaca mulatta</i>	TMDKTKQQQKDALILFFNRTAEAKIP	SVIEYILDLLSGREKFLV
<i>Canis familiaris</i>	TMDKTKQQQKEALLFFNRTAEAKIP	SVIEYILDLLSGREKFLV
<i>Rattus norvegicus</i>	-KDKTKQQQKEALLVFFNRTAEAKIP	CVIEYILDLLSGREKFLV
<i>Mus musculus</i>	-KDKTKQQQKEALLVFFNRTAEAKIP	CVVEYILDLLSGREKFLV
<i>Monodelphis domestica</i>	TEKTSRRQQKEALLFFHRTAEAKI	QPATDYILDLLSGREKFLV