

logo

Acr00198	type II-A	.....	MNINELIREIKN	12
Acr00197	type II-A	.....	MNINELIREIKN	12
Acr00195	type II-A	.....	MNINELIREIKN	12
Acr00192	type II-A	.....	MNINDLIREIKN	12
Acr00199	type II-A	.....	GSMNINDLIREIKN	14
Acr00194	type II-A	.....	MNINKELVREIKN	12
Acr00193	type II-A	.....	MNINKELVREIKN	12
Acr00196	type II-A	.....	MNISELIREIKN	12
Acr00174	type II-A	.....	MTITTAQRKYNE	12
Acr00176	type II-A	.....	MTITTAQRKYNE	12
Acr00169	type II-A	.....		0
Acr00167	type II-A	.....	MTITTAQKKYAE	12
Acr00166	type II-A	.....	MTITTAQKKYAE	12
Acr00160	type II-A	.....	MTITTAQKKYAE	12
Acr00165	type II-A	.....	KMTLTRAQKKYAE	13
Acr00168	type II-A	.....	MTLTRAQKKYAE	12
Acr00170	type II-A	.....	MTLTRAQKKYAE	12
Acr00177	type II-A	.....	MTLTRAQKKYAE	12
Acr00171	type II-A	.....	MTLTRAQKKYAE	12
Acr00173	type II-A	.....	MTITTAQKRYD	12
Acr00175	type II-A	.....	MTITTAQKRYD	12
Acr00163	type II-A	.....	MTITTAQKRYD	12
Acr00164	type II-A	.....	MTITTAQKRYD	12
Acr00162	type II-A	.....	MTITTAQKRYD	12
Acr00159	type II-A	.....	MTITTAQKRYD	12
Acr00161	type II-A	.....	MTLTTVQKRYD	12
Acr00172	type II-A	.....	MTTARKKFYQ	10
Acr00005	type I-D	.....	MIKAITMDSE	10
Acr00006	type I-D	.....	MIKAITMDSE	10
Acr00007	type I-D	.....	MIKAITMDSE	10
Acr00324	type VI-B	.....MDEGTLLINILTGPAKDKPLWFEFIGVGTISLAAWGYLRAFGAWEKQKKRELELQHKQ	RKLEI	64
Acr00208	type II-A	.....MADMTLRQFCERYRKGDFLAKDRETQIEAG.WYDWFCDDKALAGRLAKI	WGIL	57
Acr00311	type V-A	MHHTIARMNAFNKAFANAKDCYKKMQAWHLLNKPKHAFPMQNTPALDNGLAALYELRGKEDAHILSILSRLYLYGAWRNTLGIYQLDEEIIKDCKELPDDTPT		105
Acr00068	type I-F	.....MSSTISDRIISRSVIEAARFIQSWED		26
consensus			* * *	

[illegible]

Acr00198	type II-A	KDY....TAKLSGTDNSNITQLII.....RVNNDGNEYVISESENESIV.....EKFIISAF.....	59
Acr00197	type II-A	KDY....TAKLSGTDNSNIAQLII.....RVNNDGNEYVISESENESIV.....EKFIISAF.....	59
Acr00195	type II-A	KDY....TAKLSGTDNSNITQLII.....HVNNDGNEYVISESENESIV.....EKFIISAF.....	59
Acr00192	type II-A	KDY....TVKLSGTDNSNITQLII.....RVNNDGNEYVISESENESIV.....EKFIISAF.....	59
Acr00199	type II-A	KDY....TVKLSGTDNSNITQLII.....RVNNDGNEYVISESENESIV.....EKFIISAF.....	61
Acr00194	type II-A	KDY....TAKLSGTDNSNITQLII.....HVNNDGNEYGISESNFESIV.....EKFVSTF.....	59
Acr00193	type II-A	KDY....TAKLSGTDNSNITQLII.....HVNNDGNEYGISESNFESIV.....EKFVSNF.....	59
Acr00196	type II-A	KDY....AVRLEGTDNDSITKLII.....DVDNDGNEYVISESKNESIA.....EKFASF.....	59
Acr00174	type II-A	AMH...EFINMVDDFEESTPDFAK.....EVLHDCDYVVVTKNEKYAVA.....LCTLSTDECEYDTNLYLDEK.....	73
Acr00176	type II-A	AMH...EFINMVDDFEESTPDFAK.....EVLHSDYVVVTKNEKYAVA.....LCSLSTDECEYDTNLYLDEK.....	73
Acr00169	type II-A	.MH...EFINMVDDFEESTPDFAK.....EVLHSDYVVVTKNEKYAVA.....LCSLSTDECEYDTNLYLDEK.....	60
Acr00167	type II-A	AMH...EFINMVDDFEESTPDFAK.....EVLHSDYVVVTKNEKYAVA.....LCSLSTDECEYDTNLYLDEK.....	73
Acr00166	type II-A	AMH...EFINMVDDFEESTPDFAK.....EVLHSDYVVVTKNEKYAVA.....LCSLSTDECEYDTNLYLDEK.....	73
Acr00160	type II-A	AMH...EFINMVDDFEESTPDFAK.....EVLHSDYVVVTKNEKYAVA.....LCSLSTDECEYDTNLYLDEK.....	73
Acr00165	type II-A	AMH...EFINMVDDFEESTPDFAK.....EVLHSDYVVVTKNEKYAVA.....LCSLSTDECEYDTNLYLDEK.....	74
Acr00168	type II-A	AMH...EFINMVDDFEESTPDFAK.....EVLHSDYVVVTKNEKYAVA.....LCSLSTDECEYDTNLYLDEK.....	73
Acr00170	type II-A	AMH...EFINMVDDFEESTPDFAK.....EVLHSDYVVVTKNEKYAVA.....LCSLSTDECEYDTNLYLDEK.....	73
Acr00177	type II-A	AMH...EFINMVDDFEESTPDFAK.....EVLHSDYVVVTKNEKYAVA.....LCSLSTDECEYDTNLYLDEK.....	73
Acr00171	type II-A	AMH...EFINMVDDFEESTPDFAK.....EVLHSDYVVVTKNEKYAVA.....LCSLSTDECEYDTNLYLDEK.....	73
Acr00173	type II-A	AMN...EFEAITSKELEQTPEFSQ.....DLLNDSYLVITKNEAYAVA.....LCMLD.....DDKLYDET.....	67
Acr00175	type II-A	AMN...EFEAITSKELEQTPEFSQ.....DLLNDSYLVITKNEAYAAA.....LCMLD.....DDKLYDET.....	67
Acr00163	type II-A	AMN...EFEAITSKELEQTPAFSQ.....DLLNDSYLVITKNEAYAVA.....LCMLD.....DDKLYDET.....	67
Acr00164	type II-A	AMN...EFEAITSKELEQTRAFSQ.....DLLNDSYLVITKNEAYAD.....LCMLD.....DDKLYDET.....	67
Acr00162	type II-A	AMN...EFEAITSKELEQTPAFSQ.....DLLNDSYLVITKNEAYAVA.....LCLLD.....DDKLYDET.....	67
Acr00159	type II-A	AMN...EFEAITSKELEQTPAFSQ.....DLLNDSYLA VT KNEAYAVA.....LCLLD.....DDKLYDET.....	67
Acr00161	type II-A	AMN...EFEAITSKELEQTPEFSQ.....DSLND SY LA VT KNEAYAVA.....LCLLD.....DDKLYDET.....	67
Acr00172	type II-A	AIS...EFEAMTGKDVERTPQIAD.....EVLNDAEYIAFTKTEKYALY.....LCTSNVEG..LEDRYFLDEE.....	69
Acr00005	type I-D	ELRN..LLYIEYPESDINEIEVLDT.....VPEEEAETVRELLVNYTEHG.....INYNDTVDIIVDDEPYNDI.....	74
Acr00006	type I-D	QLRN..LLYIEYPESDINEIEVLDT.....VPEEEAETVRELLVNYTEHG.....INYNDTVDIIVDDEPYNDI.....	74
Acr00007	type I-D	ELRN..LLYIEYPESDINEIEVLDT.....VPEEEAETVRELLVNYTEHG.....INYNDTVDIIVDDEPYNDI.....	74
Acr00324	type VI-B	KLQFEKQRYEH ELKAAEGVWPLLAY.....FSLWENDKS VFVKRGDHWYFR.....QEQQGREYILALSENFFNKGYGVFMGPAPKENLY	143
Acr00208	type II-A	DYILD..N Y RVWFKNNPCMVGPLYD.....DYRFEP L DEEQ R DELYFGVAIDD.....KRREKKYVIFTARNDYENECG.....	124
Acr00311	type V-A	SIFLNLPDWCVYVDISSAQIATFDGDGVAKHIGFWAIYDIVEMNGINH D VLDFV V TD T DD N V Y VPQP FILSSGQSVAEVL DY GASLFDDDT SNT LIKG.....	204
Acr00068	type I-F	ADP.....DNLTESQVLAASSFAAR.....LHEGLQATLQLRLVDES.....RDEYREFQAWE E ALLNADG.....	83
consensus		* * * * *	

LV	DYSTVNVNG	ETYYINIVETNDI	DDLEIATDEDEMKSDNQ	ITLKSELN		
.....	KNGWNQEYED	EEFYN	DMQT	ITLKSELN	87	
.....	KNGWNQEYED	EEFYN	DMQT	ITLKSELN	87	
.....	KNGWNQEYED	EEFYN	DMQT	ITLKSELN	87	
.....	KNGWNQEYED	EEFYN	DMQT	ITLKSELN	87	
.....	KNGWNQEYED	EEFYN	DMQT	ITLKSELN	89	
.....	ENGWDGAYED	EEFYN	DMQD	IVNR.HFK	86	
.....	ENGWDGAYED	EEFYN	DMQD	IVNR.HFK	86	
.....	KNGWNKEYED	EEFYN	DMQS	IILKSELN	87	
.....	LV	DYSTVNVNG	ETYYINIVETNDI	DDLEIATDEDEMKSDNQ	IILKSELK	123
.....	LV	DYSTVDVNG	ETYYINIVETNDI	DDLEIATDEDEMKSGNQ	IILKSELK	123
.....	LV	DYSTVDVNG	ETYYINIVETNDI	DDLEIATDEDEMKSGNQ	IILKSELK	110
.....	LV	DYSTVDVNG	ETYYINIVETNDI	DDLEIATDEDEMKSGNQ	IILKSELK	123
.....	LV	DYSTVDVNG	ETYYINIVETNDI	DDLEIATDEDEMKSGNQ	IILKSELK	123
.....	LV	DYSTVDVNG	ETYYINIVETNDI	DDLEIATDEDEMKSGNQ	IILKSELK	123
.....	LV	DYSTVDVNG	ETYYINIVETNDI	DDLEIATDEDEMKSGNQ	IILKSELN	124
.....	LV	DYSTVDVNG	ETYYINIVETNDI	DDLEIATDEDEMKSGNQ	IILKSELN	123
.....	LV	DYSTVDVNG	ETYYINIVETNDI	DDLEIATDEDEMKSGNQ	IILKSEL	122
.....	LV	DYSTVDVNG	ETYYINIVETKDI	DDLEIATDEDEMKSDNQ	IILKSELK	123
.....	LV	DYSTVDVNG	ETYYINIVETKDI	DDLEIATDEDEKHKHDQ	VIIKSELN	123
.....	LV	QSTCLDVEG	ETYYINFVVTNE	DDFKLATDKDKEKHDQ	VIIKSELN	116
.....	LV	QSTCLDVEG	EIYYINFVVTNE	DDFKLATDKDKEKHDQ	VIVKSELN	116
.....	LV	QSTRLDIED	ETYYINFVVTNE	DDFKLATDEDEKHKHDQ	VIIKSELN	116
.....	LV	QSTRLDIED	ETYYINFVVTNE	DDFKLATDEDEKHKHDRQ	VIIKSELN	116
.....	LV	HSTRLDIED	ETYYINFVVTNE	DDFKLATDEDEKHKHDQ	VIIKSELN	116
.....	LV	HSTRLDIED	ETYYINFVVTNE	DDFKLATDEDEKHKHDQ	VIIKSELN	116
.....	LV	HSTRFDIED	ETYYINFVVTNE	DDFKLATDEDEKHKHDQ	VIIKSELN	116
.....	CLDSTFLETEDN	ETYYIHFLQETEFSEDDNE	DELPLATEEQIEAYDKQEEL	KAVILKSELN	130	
.....	PMKILFDYMKDYGKTCF	SIILKLTEEYYS	DFLPLDTAQSAND	ITKTLIK	123	
.....	PMKVLFDYMKDYGKTCF	SIILKLTEEYYS	DFLPLDTAQSAND	ITKTLIK	123	
.....	PMKVLFDYMKDYGKTCF	SIILKLTEEYYS	DFLPLDTARSAND	ITKTMIK	123	
.....	HFRGMIYKLLQDSKSN	NGNDNNEVLLKNQSMVQKKDKQAAP	NKKSVEQLKDEINASLRN	MLQKSEIDLD	211	
.....	FNNVREVRQFINGWEDEL	KNEEFYKAREK	KRQEMEEANNKFAEIMQR.A	DEILWNLKED	182	
.....	LLPYLLWLVCVAEPDITY	YKGLPVSREELTRPKHS	SINKKTGAFTVTPSEPFYQIGERL	GSSEVRRYQSITDGEQKRNRPHTKRPHIRRGHWHGYWQGTGQ	301	
.....	RVTSNPFADWGWYRIAN	VMLATASQN	VGVAWGSHVHGRMLAIFQDR	FQHYEDEC	140	

logo

Acr00198	type II-A	.....	87
Acr00197	type II-A	.....	87
Acr00195	type II-A	.....	87
Acr00192	type II-A	.....	87
Acr00199	type II-A	.....	89
Acr00194	type II-A	.....	86
Acr00193	type II-A	.....	86
Acr00196	type II-A	.....	87
Acr00174	type II-A	.....	123
Acr00176	type II-A	.....	123
Acr00169	type II-A	.....	110
Acr00167	type II-A	.....	123
Acr00166	type II-A	.....	123
Acr00160	type II-A	.....	123
Acr00165	type II-A	.....	124
Acr00168	type II-A	.....	123
Acr00170	type II-A	.....	122
Acr00177	type II-A	.....	123
Acr00171	type II-A	.....	123
Acr00173	type II-A	.....	116
Acr00175	type II-A	.....	116
Acr00163	type II-A	.....	116
Acr00164	type II-A	.....	116
Acr00162	type II-A	.....	116
Acr00159	type II-A	.....	116
Acr00161	type II-A	.....	116
Acr00172	type II-A	.....	130
Acr00005	type I-D	.....	123
Acr00006	type I-D	.....	123
Acr00007	type I-D	.....	123
Acr00324	type VI-B	.....	211
Acr00208	type II-A	.....	182
Acr00311	type V-A	AKEFRVRWQPAVFN	322
Acr00068	type I-F	.....	140
consensus			

- ⓧ non conserved
- ✖ similar
- ⓧ ≥ 50% conserved