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			MSIKLLDEFLKKHNSKTRYQLSKLTGISQNTLNDYNKK	ELNKYSVSFLRALSVCAGIS	TFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPA	
Acr00150	type	II-A	.....MSIKLLDEFLKKHNSKTRYQLSKLTGISQNTLNDYNKK.....	ELNKYSVSFLRALSVCAGIS..TFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPA		91
Acr00151	type	II-A	.....MSIKLLDEFLKKHNSKTRYQLSKLTGISQNTLNDYNKK.....	ELNKYSVSFLRALSVCAGIS..TFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPA		91
Acr00134	type	II-A	.....MSIKLLDEFLKKHNSKTRYQLSKLTGISQNTLNDYNKK.....	ELNKYSVSFLRALSVCAGIS..TFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPA		91
Acr00143	type	II-A	.....MSIKLLDEFLKKHNSKTRYQLSKLTGISQNTLNDYNKK.....	ELNKYSVSFLRALSVCAGIS..TFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPA		91
Acr00135	type	II-A	.....MSIKLLDEFLKKHNSKTRYQLSKLTGISQNTLNDYNKK.....	ELNKYSVSFLRALSVCAGIS..TFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPA		91
Acr00156	type	II-A	.....MSIKLLDEFLKKHNSKTRYQLSKLTGISQNTLNDYNKK.....	ELNKYSVSFLRALSVCAGIS..TFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPA		91
Acr00133	type	II-A	.....MSIKLLDEFLKKHNSKTRYQLSKLTGISQNTLNDYNKK.....	ELNKYSVSFLRALSVCAGIS..TFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPA		91
Acr00129	type	II-A	.....MSIKLLDEFLKKHNSKTRYQLSKLTGISQNTLNDYNKK.....	ELNKYSVSFLRALSVCAGIS..TFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPA		91
Acr00153	type	II-A	.....MSIKLLDEFLKKHNSKTRYQLSKLTGISQNTLNDYNKK.....	ELNKYSVSFLRALSVCAGIS..TFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPA		91
Acr00131	type	II-A	.....MSIKLLDEFLKKHNSKTRYQLSKLTGISQNTLNDYNKK.....	ELNKYSVSFLRALSVCAGIS..TFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPA		91
Acr00132	type	II-A	.....MTIKLLDEFLKKHNSKTRYQLSKLTGISQNTLNDYNKK.....	ELNKYSVSFLRALSVCAGIS..TFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPA		91
Acr00158	type	II-A	.....MTIKLLDEFLKKHNSKTRYQLSKLTGISQNTLNDYNKK.....	ELNKYSVSFLRALSVCAGIS..TFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPA		91
Acr00022	type	I-D	..MMEELNEKKEFLDGKN.AEYNIGQPEETVNDTLVEIKLG..KPIELTENEYE.KLSDLLRFLGFR..PTDIWENRVNDSLNYRSYKGVDEFLOKNNND....			93
Acr00023	type	I-D	.MDYEEVIGTKEEFNSKN.AEYNVGQPKTENNTISIVVDFK..EPIELTEEEYD.DLYDFLDNLGFY..PINGAENQVNNYIGYKSWGVDEFENDDGD....			94
Acr00009	type	I-D	...MQVEENMQEKVINLAQ...KYTN.....QKRFFRLIRKS.....NIAEK...IKETSEFYGITREDNIELFDNEIEFMFKKES.....			66
Acr00021	type	I-D	...MNGQELSQKITSVVR..DFLNDQF...VQRKVLTKKEL.....TFSEKQKEIVEKIMEYYGINSNNINIFNDKIEFRFDYDFGTVFGIYHE.....			83
Acr00013	type	I-D	.MRNMGYQDIPNEIKLSEKYVKIYGE...RKNIKTLRK.....SLEKK...IEKFEKFCDTIPLYILENILKPNNVFEYSFEKS YKNKSE.....			82
Acr00019	type	I-D	...MNVENQVEKIVSLVENFFDKSNK...PIETIKLNGKV.....MFNEEQYDDLIGELAMTLARG..KLEIYEREIQSLYFSEFICVKNNETIVT.....			82
Acr00018	type	I-D	MHICKSGEARMKSKQIGVKNISYSISLVEDFIEYQKQKILRPKRIFKFDQDQDLINELIFELDKPDNIYAYDSAIYQMFEFKFKLS.....			91
Acr00035	type	I-D	.....SYFYENIGERRK.....ISFKEVKKIDL.....FFEDSNIQELSLKFKSFEIN...EEFYQQLIEAFSQFIYSSNDN.....			67
Acr00046	type	I-D	MHICKSEVKGKMSQNLSQLSEYMKKFFEDQIAKEMVVLVFSEP...IVITEEYRQLISGGRYIAC TEN..YGMINEIFEFHESQKQYVK.....			85
Acr00031	type	I-D	..MAKTLHELIDDEFKSSQD.....KQLVIYFAEKV.....EVDEAEFKELVGN...YVPID....FVVTGKVNVDLYVIINKG.....			64
consensus			*****	*****	*****	

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			QEFELYCLIKFEESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	
Acr00150	type	II-A	QEFELYCLIKFEESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00151	type	II-A	QEFELYCLIKFEESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00134	type	II-A	QEFELYCLIKFEESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00143	type	II-A	QEFELYCLIKFEESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00135	type	II-A	QEFELYCLIKFEESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00156	type	II-A	QEFELYCLIKFEESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00133	type	II-A	QEFELYCLIKFEESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00129	type	II-A	QEFELYCLIKFEESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00153	type	II-A	QEFELYCLIKFEESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00131	type	II-A	QEFELYCLIKFEESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00132	type	II-A	QEFELYCLIKFEESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00158	type	II-A	QEFELYCLIKFEESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00022	type	I-D	...QVRIYYTKVSTG...DETTYFVNKIEFETEENIQKYFNELKKKYVNELF.....	138
Acr00023	type	I-D	...EVIVYYTKVCTG...GKTTFFIKKIEVE...INIQENTNEL.....	129
Acr00009	type	I-D	...VKLILKK...GNKLIKIEINEMTKSIS.....	90
Acr00021	type	I-D	.TRYIRLFFEK.....RNMLKLTKEIEK.....	107
Acr00013	type	I-D	...KIEVITKARLKFKYENYELKLLSVKFEKSNIS.....	116
Acr00019	type	I-D	...IRMFFEK.....TREKQKLKIEITRLIFKCQ.....	109
Acr00018	type	I-D	...VIRIYFKALEN...HKIVFILEKVEMIKYH.....	119
Acr00035	type	I-D	...IEKINTKELTDNE.KALLVEITILRTKKS.....	96
Acr00046	type	I-D	...MLLVYYKDTIKIYNRDCWRETSFLNEDEEDNI.....	119
Acr00031	type	I-D	...YVEIGYIKK...EQGKYQLLSIHAYKECEQQ.....	92
consensus			** **** * * * * * * * * *	

 non conserved  
 similar  
  $\geq 50\%$  conserved