

Acr00158	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00132	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLGKYKLSFPAQEFELYCLIKEFE	104
Acr00130	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00146	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00141	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00137	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00147	type II-A	MAIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00142	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLGKYKLSFPAQEFELYCLIKEFE	104
Acr00140	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLGKYKLSFPAQEFELYCLIKEFE	104
Acr00157	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLGKYKLSFPAQEFELYCLIKEFE	104
Acr00139	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00152	type II-A	MNLIKLLDEFLKKHDLTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKHKLSFPAQEFELYCLIKEFE	104
Acr00154	type II-A	.....LNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	74
Acr00136	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKYLLDKHKLSFPTQEFELYCLIKEFE	104
Acr00149	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00144	type II-A	.....TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	89
Acr00148	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLNKYKLSFPAQEFELYCLIKEFD	104
Acr00151	type II-A	MSIKLLDEFLKKHKS TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00134	type II-A	MSIKLLDEFLKKHKS TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00150	type II-A	MSIKLLDEFLKKHKS TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00135	type II-A	MSIKLLDEFLKKHKS TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00143	type II-A	MSIKLLDEFLKKHKS TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00155	type II-A	MSIKLLDEFLKKHKS TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00133	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00145	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00156	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKYLLDKHKLSFPAQEFELYCLIKEFE	104
Acr00138	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSHDDLAGFKHLLDKHKLSFPAQEFELYCLIKEFE	104
Acr00153	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFKELEELKKNYDDLAGFKHLLDKYKLSFSAQEFELYCLIKEFE	104
Acr00131	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFNELEELKKNYDDLAGFKHLLDKYKLSFSAQEFELYCLIKEFE	104
Acr00129	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKKNYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00082	type I-F	.....MTLSNADSVSA...VVD FINTVNRKDHLVDHYGWDVAATYELNDYAAQYAW....EASE	55
Acr00081	type I-F	.....MNTF.MTLSNADSVSA...VVD FINTVNRKDHLVDHYGWDVAATYELNDYAAQYAW....EASE	59
Acr00013	type I-D	.....MRNMGYQDIPNEIILKSEKYVKIVGERKNIFKTRRKSTIEKKIIEKFEEKFCDIIPLYIIFENILKPN..NVFEYSFEKSYKNKS	81
Acr00204	type II-A	.....MTFGQALLES LKRGHVARKGWNGKGMFTFMRPEDSLPTNMIVNQVKS L.PESFKRWVANNHGDSE	64
Acr00220	type II-C	.....MNVYVPVPSDFAGNYGVGYALAAITAGGQVLSLKYIAEHVDEKTQDELAEGG.APARNAAFKWIGSOSA	66
consensus		*****	

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Acr00158	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00132	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00130	type II-A	SANIEVLPPTFNRFENEHHVNIKKDVCKALENAITVLKEKKNEL	149																		
Acr00146	type II-A	SANIEVLPPTFNRFENEHHVN.....	125																		
Acr00141	type II-A	STNIEVLPPTFNRFENEHHVNIKKDVCKALENAITVLKEKKNEL	149																		
Acr00137	type II-A	SANIEVLPPTFNRFENEHHVNIKKDVCKALENAITVLKEKKNEL	149																		
Acr00147	type II-A	SANIEVLPPTFNRFENEHHVNIKKDVCKALENAITVLKEKKNEL	149																		
Acr00142	type II-A	SANIEVLTFTFNRFENEHHADIEKDVKKALNNIAVLKEKKEEL	149																		
Acr00140	type II-A	SANIEVLTFTFNRFENEHHADIEKDVKKALNNIAVLKAKKEEL	149																		
Acr00157	type II-A	SANIEVLTFTFNRFENEHHADIEKDVKKTLNNIAVLKEKKEEL	149																		
Acr00139	type II-A	SANIEVLPPTFNRFENEHHTDIEKDVKKTLNNIAVLKEKKEEL	149																		
Acr00152	type II-A	SANIEVLPPTFNRFENEHHADIEKDVKKALNNIAVLKAKKEEL	149																		
Acr00154	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALNNIAVLKEKKEEL	119																		
Acr00136	type II-A	SANIEVLPPTFNRFENETHADIEKDVKKALNNIAVLEEKKEEL	149																		
Acr00149	type II-A	SANIEVLPPTFNRFENEHHVNIKKDVCKALENAITVLKEKKNEL	149																		
Acr00144	type II-A	SANIEVLPPTFNRFENEHHVNIKKDVCKALENAITVLKEKKNEL	134																		
Acr00148	type II-A	SANIEVLPPTFNRFENEHHVNIKKDVCKALENAITVLKEKKNEL	149																		
Acr00151	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00134	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00150	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00135	type II-A	CANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00143	type II-A	CANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00155	type II-A	CANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00133	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00145	type II-A	SANIEVLPPTFNRFENEHHVN.....	125																		
Acr00156	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00138	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00153	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00131	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00129	type II-A	CANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNEL	149																		
Acr00082	type I-F	DNSIESIEANLEFIKDE...GAKFNTENAIKIAQLFLEA.....	91																		
Acr00081	type I-F	DNSIESIEANLEFIKDE...GAKFNTENAIKIAQLFLEA.....	95																		
Acr00013	type I-D	E.KIEVITKARLKFKYENYELKLLSVK..FEKSINLIS.....	116																		
Acr00204	type II-A	TDRIKFTAFLCMKAAAGTIVNGWLASQTDMLANDWVIVE.....	103																		
Acr00220	type II-C	GPVIRELQALG.....RVCAGMCSGWEFVEL.....	92																		
consensus		*****																			

- non conserved
- similar
- ≥ 50% conserved