

MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYKKELNKYSVSFLRALSMCAIGSTFDVLELAEELEKSDDLACFKHLLDKYKLSFPAQEEFYCLIKEFE

Acr00158	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00132	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLGKYKLS	FPAQEFELYCLIKEFE	104
Acr00130	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00146	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00141	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00137	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00147	type II-A	MAIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00142	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLGKYKLS	FPAQEFELYCLIKEFE	104
Acr00140	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLGKYKLS	FPAQEFELYCLIKEFE	104
Acr00157	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLGKYKLS	FPAQEFELYCLIKEFE	104
Acr00139	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00152	type II-A	MNLIKLLDEFLKKHDLTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKHKLS	FPAQEFELYCLIKEFE	104
Acr00154	type II-A	.....LNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	74
Acr00136	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKYLLDKHKLS	FPTQEFELYCLIKEFE	104
Acr00149	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00144	type II-A	.....TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	89
Acr00148	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLNKYKLS	FPAQEFELYCLIKEFD	104
Acr00151	type II-A	MSIKLLDEFLKKHSKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00134	type II-A	MSIKLLDEFLKKHSKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00150	type II-A	MSIKLLDEFLKKHSKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00135	type II-A	MSIKLLDEFLKKHSKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00143	type II-A	MSIKLLDEFLKKHSKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00155	type II-A	MSIKLLDEFLKKHSKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00133	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00145	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00156	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKYLLDKHKLS	FPAQEFELYCLIKEFE	104
Acr00138	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSHDDLAGFKHLLDKHKLS	FPAQEFELYCLIKEFE	104
Acr00153	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFKLELEEKNYDDLAGFKHLLDKYKLS	FSAQEFELYCLIKEFE	104
Acr00131	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFNELELEEKNYDDLAGFKHLLDKYKLS	FSAQEFELYCLIKEFE	104
Acr00129	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKNYDDLAGFKHLLDKYKLS	FPAQEFELYCLIKEFE	104
Acr00082	type I-F	.....MTLSNADSVSA...VVD FINTVNRKDHLVDHYGWDVAATYELNDYAAQYAW....EASE		55
Acr00081	type I-F	.....MNTF.MTLSNADSVSA...VVD FINTVNRKDHLVDHYGWDVAATYELNDYAAQYAW....EASE		59
Acr00013	type I-D	.....MRNMGYQDIPNEIILKSEKYVKIVGERKNIFKTRRKSTIEKKIIEKFKEKCDIIPLYIIFENILKPN..NVFEYSFEKSYKNKS		81
Acr00204	type II-A	.....MTFGQALLES LKRGHVARKGWNGKGMFI FMRPEDSLPTNMIVNQVKS L.PESFKRWVANNHGDSE		64
Acr00220	type II-C	.....MNVYVPVPSDFAGNYGVGYALAAITAGGQVLSLKYIAEHVDEKTQDELAEGG.APARNAAFKWIGSOSA		66
consensus		*****		

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Acr00158	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00132	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00130	type II-A	SANIEVLPPTFNRFENEHHVNIKKDVCALENAITVLKEKKNELI	149
Acr00146	type II-A	SANIEVLPPTFNRFENEHHVN.....	125
Acr00141	type II-A	STNIEVLPPTFNRFENEHHVNIKKDVCALENAITVLKEKKNELI	149
Acr00137	type II-A	SANIEVLPPTFNRFENEHHVNIKKDVCALENAITVLKEKKNELI	149
Acr00147	type II-A	SANIEVLPPTFNRFENEHHVNIKKDVCALENAITVLKEKKNELI	149
Acr00142	type II-A	SANIEVLTFTFNRFENEHHADIEKDVKKALNNIAVLKEKKKEELI	149
Acr00140	type II-A	SANIEVLTFTFNRFENEHHADIEKDVKKALNNIAVLKAKKEELI	149
Acr00157	type II-A	SANIEVLTFTFNRFENEHHADIEKDVKKTILNNIAVLKEKKKEELI	149
Acr00139	type II-A	SANIEVLPPTFNRFENEHHTDIEKDVKKTILNNIAVLKEKKKEELI	149
Acr00152	type II-A	SANIEVLPPTFNRFENEHHADIEKDVKKALNNIAVLKAKKEELI	149
Acr00154	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALNNIAVLKEKKKEELI	119
Acr00136	type II-A	SANIEVLPPTFNRFENETHADIEKDVKKALNNIAVLKEKKKEELI	149
Acr00149	type II-A	SANIEVLPPTFNRFENEHHVNIKKDVCALENAITVLKEKKNELI	149
Acr00144	type II-A	SANIEVLPPTFNRFENEHHVNIKKDVCALENAITVLKEKKNELI	134
Acr00148	type II-A	SANIEVLPPTFNRFENEHHVNIKKDVCALENAITVLKEKKNELI	149
Acr00151	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00134	type II-A	SASIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00150	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00135	type II-A	CANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00143	type II-A	CANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00155	type II-A	CANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00133	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00145	type II-A	SANIEVLPPTFNRFENEHHVN.....	125
Acr00156	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00138	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00153	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00131	type II-A	SANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	149
Acr00129	type II-A	CANIEVLPPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI	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