




MSIKLLDDEFLKKH^{DK}TRYQLSKLTG|SQNTL^{DK}NYKK^{ER}ENKYSVSFLRAL^{SL}SMCA^{SL}GLSTF^{SL}DVE^{SL}ELAE^{ED}EK^{SS}SY^{SS}DDLAGFKHLLDKYKLSFPAQEFELYCLKEEFSS

Acr00142	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLGKYKLSFPAQEFELYCLIKEFES	105
Acr00140	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLGKYKLSFPAQEFELYCLIKEFES	105
Acr00157	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLGKYKLSFPAQEFELYCLIKEFES	105
Acr00130	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00146	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00141	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00137	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00147	type II-A	MAIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00132	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLGKYKLSFPAQEFELYCLIKEFES	105
Acr00158	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELEDIEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00151	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00134	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00150	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00135	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00143	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00155	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00149	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00144	type II-A	.....TRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	90
Acr00148	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00145	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00133	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00138	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCTGISTFDVFIELAELEKSHDDLAGFKHLLDKHKLSPAQEFELYCLIKEFES	105
Acr00156	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKYLLDKHKLSPAQEFELYCLIKEFES	105
Acr00129	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00153	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFSAQEFELYCLIKEFES	105
Acr00131	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFSAQEFELYCLIKEFES	105
Acr00139	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	105
Acr00152	type II-A	MNIKLLDEFLKKHDLTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKHKLSPAQEFELYCLIKEFES	105
Acr00154	type II-A	.....LNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFES	75
Acr00136	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAELEKSYDDLAGFKYLLDKHKLSPFTQEFELYCLIKEFES	105
Acr00095	type I-F	.....MNNVTLEYSVVTNP.DSFVGFKYYV.KAGQAFDADDFAYSYKLNRSOL	46
Acr00096	type I-F	.....MNNVTLEYSVVTNP.DSFVGFKYYV.KAGQAFDADDFAYSYKLNRSOL	46
Acr00211	type II-A	..LKKTIKLLNSDLNSNYIAKKTGVEQSTIYRLRTGERQLGKLGLDSEALRYNYQKEIENMKSVKYISNMKSQKEGYRVYVNVNEDT.DKGFLFPSVPKEVIE	102
Acr00204	type II-A	....MTFGQALESLLKRGHVVARKG.....WNGKGFIIFMRPEISLPTNMIVNQVKSLPESFKRWVANNIGDSETRDIKFTAYCMKAA	79
consensus		*****	

ANIEVLPETFNRENEEIVRIEKDVRKALENAITVLKEKKNEELT

-  non conserved
-  similar
-  $\geq 50\%$ conserved