

MSIKLLDEFLKKHDKTRYQLSKLTGTSQNTLNQYKKELNKYSVSFLRAISMCAGSTEDVELEAELEKSYSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE

Acr00146	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELED.IEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00130	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELED.IEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00141	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELED.IEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00137	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELED.IEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00147	type II-A	MAIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELED.IEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00140	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELED.IEKNSDDLAGFKHLLGKYKLSFPAQEFELYCLIKEFE	104
Acr00142	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELED.IEKNSDDLAGFKHLLGKYKLSFPAQEFELYCLIKEFE	104
Acr00157	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELED.IEKNSDDLAGFKHLLGKYKLSFPAQEFELYCLIKEFE	104
Acr00158	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKPLNKYTVSILRSLSLISGLSVSDVLFLELED.IEKNSDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00132	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLKDQNEKSLNKYTVSILRSLSLISGLSVSDVLFLELED.IEKNSDDLAGFKHLLGKYKLSFPAQEFELYCLIKEFE	104
Acr00151	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00134	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00150	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00135	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00143	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00155	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00149	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00144	type II-A	.....TRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	89
Acr00148	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCTGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00145	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCTGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00133	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00153	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFKLEEE.IEKSYDDLAFGFKHLLDKYKLSFSAQEFELYCLIKEFE	104
Acr00131	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFNLEEE.IEKSYDDLAFGFKHLLDKYKLSFSAQEFELYCLIKEFE	104
Acr00129	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCTGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00138	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCTGISTFDVFIELAE.IEKSHDDLAFGFKHLLDKHKLSPAQEFELYCLIKEFE	104
Acr00156	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAE.IEKSYDDLAFGFKYLLDKHKLSPAQEFELYCLIKEFE	104
Acr00139	type II-A	MTIKLLDEFLKKHDLTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCTGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00152	type II-A	MNIKLLDEFLKKHDLTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCTGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKHKLSPAQEFELYCLIKEFE	104
Acr00154	type II-A	.....LNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAE.IEKSYDDLAFGFKHLLDKYKLSFPAQEFELYCLIKEFE	74
Acr00136	type II-A	MSIKLLDEFLKKHDKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFMRALSMCAGISTFDVFIELAE.IEKSYDDLAFGFKYLLDKHKLSPFTQEFELYCLIKEFE	104
Acr00095	type I-F	.....MNNVT.....LEYS...VVTNPDSFVGFKYYYV.KAGQAFDADDF...YSYKLN	42
Acr00096	type I-F	.....MNNVT.....LEYS...VVTNPDSFVGFKYYYV.KAGQAFDADDF...YSYKLN	42
Acr00082	type I-F	.....MTLSNADSVSAVVDINTVDRKDHLVDHYGWG.DVAATYELNDYAAAQYAWFAS	54
Acr00081	type I-F	.....MNTFMTLSNADSVSAVVDINTVDRKDHLVDHYGWG.DVAATYELNDYAAAQYAWFAS	58
Acr00211	type II-A	..LKKTIIEKLLNSDLNSNYIAKKTGVQSTIYRLRTGERQLGKLGLDSEALRYNYKQEIENMKSVKY.ISNMSKQEKGYRVYVNVVNEDT.DKGLFPSVPKEVI	101
consensus		*****	

- non conserved
- similar
- >50% conserved