

[illegible]

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	MNLIKLLDEFLKKHDLTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKHKLSPAQEFELYCLIKEFE	104
Acr00154	type II-A	.....LNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	74
Acr00136	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKYLLDKHKLSPAQEFELYCLIKEFE	104
Acr00149	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00144	type II-A	.....TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	89
Acr00148	type II-A	MSIKLLDEFLKKHNKTRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLNKYKLSFPAQEFELYCLIKEFD	104
Acr00135	type II-A	MSIKLLDEFLKKHKS TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00143	type II-A	MSIKLLDEFLKKHKS TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00155	type II-A	MSIKLLDEFLKKHKS TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00151	type II-A	MSIKLLDEFLKKHKS TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00134	type II-A	MSIKLLDEFLKKHKS TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00150	type II-A	MSIKLLDEFLKKHKS TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00133	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00145	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00153	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFKLEELKSYDDLAGFKHLLDKYKLSFSAQEFELYCLIKEFE	104
Acr00131	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFNEELKSYDDLAGFKHLLDKYKLSFSAQEFELYCLIKEFE	104
Acr00129	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFE	104
Acr00156	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCAGISTFDVFIELAELEKSYDDLAGFKYLLDKHKLSPAQEFELYCLIKEFE	104
Acr00138	type II-A	MSIKLLDEFLKKHNK TRYQLSKLTGISQNTLNDYNKKELNKYSVSFLRALSMCTGISTFDVFIELAELEKSHDDLAGFKHLLDKHKLSPAQEFELYCLIKEFE	104
Acr00082	type I-F	.....MTLSNADSVSA...VVD FINTVNRKDHLVDHYGWDVAATYELNDYAAQYAW...EASE	55
Acr00081	type I-F	.....MNTF.MTLSNADSVSA...VVD FINTVNRKDHLVDHYGWDVAATYELNDYAAQYAW...EASE	59
Acr00013	type I-D	.....MRNMGYQDIPNEIILKSEKYVKIVGERKNIFKTRRKSTIEKKIIEKFEKCDIIPLYIIFENILKPN..NVFEYSFEKSYKNKS	81
Acr00204	type II-A	.....MTFGQALLES LKRGHVLARKGWNGKGMFIFMRPEDSLPTNMIVNQVKS L.PESFKRWVANNHGDSE	64
Acr00220	type II-C	.....MNVYVPVPSDFAGNYGVGYALAAITAGGQVLSLKYIAEHVDEKTQDELAEGG.APARNAAFKWIGSOSA	66
consensus		*****	

SAN E V L P E T F N R F E N E I H V R I E K D V R K A L E N A I T V L K E K K N E L T
 S A N E V L P E T F N R F E N E I H V R I E K D V R K A L E N A I T V L K E K K N E L T

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