

MSIKLLDDEFLKKH^{DK}TRYQLSKLTG|SQNTL^{KQ}EN^{ER}KK^{ER}ENKYSVSFLRAL^{SL}SMC^{SL}AG^{SL}STF^{SL}DVE^{SL}ELAE^{ED}EK^{ED}SY^{ED}DDLAGFKHLLDKYKLSFPAQEFELYCLKEEFES

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	..LKKTIKLLNSDLNSNYIAKKTGVEQSTIYRLRTGERQLGKLGLDSAERLYNYQKEIENMKSVKYISNMSKQEKGYRVYVNVNEDT.DKGFLFPSVPKEVIE	102
Acr00204	type II-A	....MTFGQALESLLKRGHVVARKG.....WNGKGFIIFMRPEISLPTNMIVNQVKSLPESFKRWVANNIGDSETDRIFTAYCMKAA	79
consensus		*****	

logo

logo		ANIEVLPTFTNRFENEETHVDIEKDVKKALNNATVVLKEKKNEL																				
Acr00142	type II-A	ANIEVL	TFTNRFENEETHAD	IEKDV	KKALNNAT	AVLKEKKEEL																149
Acr00140	type II-A	ANIEVL	TFTNRFENEETHAD	IEKDV	KKALNNAT	AVLKA	KEEL															149
Acr00157	type II-A	ANIEVL	TFTNRFENEETHAD	IEKDV	KKTLNNAT	AVLKEKKEEL																149
Acr00130	type II-A	ANIEVL	PFTNRFENEETHVN	IKDVC	KALENAT	TVLKEKKNEL																149
Acr00146	type II-A	ANIEVL	PFTNRFENEETHVN																			125
Acr00141	type II-A	TNIEVL	PFTNRFENEETHVN	IKDVC	KALENAT	TVLKEKKNEL																149
Acr00137	type II-A	ANIEVL	PFTNRFENEETHVN	IEKDV	CKALENAT	TVLKEKKNEL																149
Acr00147	type II-A	ANIEVL	PFTNRFENEETHVN	IKDVC	KALENAT	TVLKEKKNEL																149
Acr00132	type II-A	ANIEVL	PFTNRFENETHVD	IEKDV	RKALENAT	TVLKEKKNEL																149
Acr00158	type II-A	ANIEVL	PFTNRFENETHVD	IEKDV	RKALENAT	TVLKEKKNEL																149
Acr00151	type II-A	ANIEVL	PFTNRFENETHVD	IEKDV	RKALENAT	TVLKEKKNEL																149
Acr00134	type II-A	ASIEVL	PFTNRFENETHVD	IEKDV	RKALENAT	TVLKEKKNEL																149
Acr00150	type II-A	ANIEVL	PFTNRFENETHVD	IEKDV	RKALENAT	TVLKEKKNEL																149
Acr00135	type II-A	ANIEVL	PFTNRFENETHVD	IEKDV	RKALENAT	TVLKEKKNEL																149
Acr00143	type II-A	ANIEVL	PFTNRFENETHVD	IEKD	IRKALENAT	TVLKEKKNEL																149
Acr00155	type II-A	ANIEVL	PFTNRFENETHVD	IEKDV	RKALENAT	TVLKEKKNEL																149
Acr00149	type II-A	ANIEVL	PFTNRFENEETHVN	IKDVC	KALENAT	TVLKEKKNEL																149
Acr00144	type II-A	ANIEVL	PFTNRFENEETHVN	IKDVC	KALENAT	TVLKEKKNEL																134
Acr00148	type II-A	ANIEVL	PFTNRFENEETHVN	IEKDV	CKALENAT	TVLKEKKNEL																149
Acr00145	type II-A	ANIEVL	PFTNRFENEETHVN																			125
Acr00133	type II-A	ANIEVL	PFTNRFENETHVD	IEKDV	RKALENAT	TVLKEKKNEL																149
Acr00138	type II-A	ANIEVL	PFTNRFENETHVD	IEKDV	RKALENAT	TVLKEKKNEL																149
Acr00156	type II-A	ANIEVL	PFTNRFENETHVD	IEKDV	RKALENAT	TVLKEKKNEL																149
Acr00129	type II-A	ANIEVL	PFTNRFENETHVD	IEKDV	RKALENAT	TVLKEKKNEL																149
Acr00153	type II-A	ANIEVL	PFTNRFENETHVD	IEKDV	RKALENAT	TVLKEKKNEL																149
Acr00131	type II-A	ANIEVL	PFTNRFENETHVD	IEKDV	RKALENAT	TVLKEKKNEL																149
Acr00139	type II-A	ANIEVL	PFTNRFENEETHD	IEKDV	KKTLNNAT	AVLKEKKEEL																149
Acr00152	type II-A	ANIEVL	PFTNRFENEETHAD	IEKDV	KKALNNAT	AVLKA	KEEL															149
Acr00154	type II-A	ANIEVL	PFTNRFENETHVD	IEKDV	RKALNNAT	AVLKEKKEEL																119
Acr00136	type II-A	ANIEVL	PFTNRFENETHAD	IEKDV	KKALNNAT	AVLE	EKKEEL															149
Acr00095	type I-F	DPDS	VLAT.....REAAAN	LQPGEWLT	VSHSIAA																	75
Acr00096	type I-F	DPDS	VLAT.....REAAEN	LQPGEWLT	VSHSIAA																	75
Acr00211	type II-A	NKIDEL	FNFEHKPYVQKAKS	RYDKNG	IGYKIVQL	DEGFQKF	TELNKEKMKENLDY															159
Acr00204	type II-A	DGTI	VNGM.....LASQTD	MLANDWV	IVE																	103
consensus		*****																				

- non conserved
- similar
- ≥ 50% conserved