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[illegible]

[illegible]

Acr00139	type II-A	LRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKYKLSFPAQEFELYCLIKEFESANIEVLPTFNRFENEHTDIEKDVKKTLNNAIAVLKEKKEELL.	149
Acr00152	type II-A	LRALSMCTGISTFDVFIELAELEKSYDDLAGFKHLLDKHKLSFPAQEFELYCLIKEFESANIEVLPTFNRFENEEHADIEKDVKKALNNAIAVLKAKKEELL.	149
Acr00138	type II-A	LRALSMCTGISTFDVFIELAELEKSHDDLAGFKHLLDKHKLSFPAQEFELYCLIKEFESANIEVLPTFNRFENETHVDIEKDVRKALENAITVLKEKKNELI.	149
Acr00260	type II-C	PRFTCRVVELEDMPVDSEESGIDGRIVHYDEPGRIFYISDAGIALVNFEFLDKVPEKQKLKKICDEAIENW.MLRDFDLDE.EGEED.....	128
Acr00259	type II-C	PRFTCRVVELEDMPVDSEESGIDGRIVHYDEPGRLFYISDAGIALVNFEFLDKVPEKQKLKKICDEAIENW.MLRDFDLDE.EGBEG.....	128
Acr00261	type II-C	PRFTCRVVELEDMPVDSEETGIDGRIVHYDEPGRLFYISDAGIALVNFEFLDKVPEKQKLKKICDEAIENW.MLRDFDLDE.EGEED.....	128
Acr00248	type II-C	PRFTCRVVELEDMPADSEESGIDGRIVHYDEPGRLFYITDAGLALVNFEFLFDNLDPKNKLKKVCDEAIENW.LLRDFDLDE.EGEED.....	128
Acr00289	type II-C	INARVSIID.EYLRAKDTNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.AESTCGISIDAWEIEESEYVRLP.VERDFLAAA.NCKEIFKI.....	116
Acr00304	type II-C	INARVSIID.EYLRAKDTNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.AESTCGISIDAWEIEESEYVRLP.VERDFLAAA.NCKEIFKI.....	117
Acr00303	type II-C	INTRVSIID.EYLRAKDTNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.AESTCGISIDAWEIEESEYVRLP.VERDFLAAA.NCKEIFKI.....	116
Acr00295	type II-C	INSEVSIIN.EHLEAKATNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.AESTAGINIDAWEIEESEYVRLP.VEQKDFLAAA.NCKEIFKI.....	116
Acr00299	type II-C	INSEVSIIN.EHLEAKATNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.AESTAGINIDAWEIEESEYVRLP.VEQKDFLAAAA.NCKEIFKI.....	117
Acr00297	type II-C	INSEVSIIN.EHLEAKATNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.AESTAGINIDAWEIEESEYVRLP.VEQKDFLAAA.NCKEIFKI.....	138
Acr00296	type II-C	INSEVSIIN.EHLEAKATNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.AESTAGINIDAWEIEESEYIRLP.VEQKDFLAAA.NCKEIFKI.....	116
Acr00292	type II-C	INSRVSIID.EYLRAKDTNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.AESTAGINIDAWEIEESEYNSLP.LKQKDFLAAA.NCKEIFKI.....	116
Acr00301	type II-C	.....DTNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.AESTAGINIDAWEIEESEYNSLP.LKQKDFLAAA.NCKEIFKI.....	73
Acr00294	type II-C	INSRVSIID.EYLRAKDTNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.AESTAGINIDAWEIEESEYNSLP.LKQKDFLAAA.NCKEIFKI.....	116
Acr00298	type II-C	INSEVSIIN.EHLEAKATNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.AESTAGINIDAWEIEESEYNSLP.LKQKDFLAAA.NCKEIFKI.....	116
Acr00300	type II-C	INSEVSIID.EYLRAKDTNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.....	75
Acr00291	type II-C	INSEVSIIN.EHLEAKATNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.AESTCGISIDAWEIEESEYVRLP.VERDFLAAA.NCKEIFKI.....	116
Acr00293	type II-C	TNSEVSIIN.EHLEAKATNASLDGGQYRAFLFNDESPAMTEFLAKLKAF.AESTAGINIDAWEIEESEYVRLP.VERDFLAAA.NCKEIFKI.....	116
Acr00290	type II-C	INSEVSIIN.EHLEAKATNASLDGGQYRAFLFNDESPAMTELAKLKAF.AESTCGISIDAWEIEESEYVRLP.VERDFLAAA.NCKEIFKI.....	116
Acr00302	type II-C	INSRVSIIN.EHLKPKTPTHR.IT.....VNTALSCSTTNRPR.....	64
Acr00337	type VI-B	ISVTENISNGSVFDTAYYYLEAQGKISQAKNFQSIYFLFRNIIVT.SL.FVLPVSVIFLLASFFMNDCSLSEK.IITIIIGTFVLGC.LSSVIAQWFRVKMTDRIFGL	209
Acr00339	type VI-B	ISVTENISNGSVFDTAYYYLEAQGKISQAKNFQSIYFLFRNIIVT.SL.FVLPVSVIFLLASFFMNDCSLSEK.IITIIIGTFVLGC.LSSVIAQWFRVKMTDRIFGL	191
Acr00115	type I-F	HEKETALISHGETLHRIISPLLTDTYALNYEIESAWEVALDVAGGDENVAEAIMAKACESDSNWGLEQLRLRG.LAVRLGYTSVEMED.HGTTWLCLPGCTVEKI.	132
consensus		* * * * *	

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YYAELTHNKK			
Acr00139	type II-A	149
Acr00152	type II-A	149
Acr00138	type II-A	149
Acr00260	type II-C	.....	128
Acr00259	type II-C	.....	128
Acr00261	type II-C	.....	128
Acr00248	type II-C	.....	128
Acr00289	type II-C	.....	116
Acr00304	type II-C	.....	117
Acr00303	type II-C	.....	116
Acr00295	type II-C	.....	116
Acr00299	type II-C	.....	117
Acr00297	type II-C	.....	138
Acr00296	type II-C	.....	116
Acr00292	type II-C	.....	116
Acr00301	type II-C	.....	73
Acr00294	type II-C	.....	116
Acr00298	type II-C	.....	116
Acr00300	type II-C	.....	75
Acr00291	type II-C	.....	116
Acr00293	type II-C	.....	116
Acr00290	type II-C	.....	116
Acr00302	type II-C	.....	64
Acr00337	type VI-B	YYAELTHNKK	219
Acr00339	type VI-B	YYAELTHNKK	201
Acr00115	type I-F	.....	132
consensus			

- ⧻ non conserved
- ✖ similar
- ⧻ ≥ 50% conserved