

logo

		MRFTSPSRTIPSICLAITYGCGQLDRVADFKNPALEHVEDFATFNTFENYAGSYARNOYVYIARSLYNTREERK...MNGQLSQKTIISVVRDFINDQ...FVQRKVLK		29
Acr00021	type I-D	.....MNGQLSQKTIISVVRDFINDQ...FVQRKVLK		29
Acr00010	type I-D	.....MIDEKAQEKVINLSQKYNSR...KILAKVRR		29
Acr00002	type I-C	.....MNNLKKTATHDGVFAYKNTETVIGSVGRNDIVMAIDATHGEFNDKNFIIYADTNGNPIYLYGYAYLDNNDAHIDLAVGA		80
Acr00101	type I-F	.....MKAAYTIKE.....VQNINS		15
Acr00306	type II-C	.....MNNSIKFHVSYDG.....TARALFNTKEQAEKYCLVEEINDEINGYKRKSWEKLERENCASVQD		60
Acr00219	type II-C	.....MKEVFKLKPELVITYKGCGWALA.....CIKDGE		28
Acr00083	type I-F	MRFTSPSRTIPSICLAITYGCGQLDRVADFINNSGEYVEDGVTFTPGMIAGQYAFEQVKLDRKGYDTRRLQKYLFLADAGAFFSEEEALQRADDLINNFTADFGH		105
consensus		* ** * ** *		

logo

logo	<p>TKKELTFSEKQLKEIVKIMYYGINSNN...NIFNDKIEFRFDYDFGTVFGIYHETRYIRIFFEKRNNMLKLTKIELEK...NRLER...KIKELAEFYGRKDN...ELFNNEIEFEFKRQYEIEDLKQEINIVNLIKIRKENNKLKLEVKLEKSITSNS...CNEDDDFDEKEIHEMIAEQMELAKRYQEL...GDTVHGTTRLAFD.DDGYMTVRLDQQAYPDYRPENDDKHIMWRALALTATGKELEVFWLVEDYEDEEVNS...EREGT...QEATSLSQAKRIASK...EQCFHG...TVMRIETVNGLWLAYK..EDGK..RWVDCQ...WVEKN...YTSSYSLFNICEIE...VSSAGQLVKIDNTEVDQFVENCYGFTLEDDLEEFNKAKQYLQKFYAECEN...IIDLT...YVRDLG..IEEYDEN...FDGLEPELIY...YDVVASQACEVAYRYEEMGEFTFGLCSCWEFNVM...DELDGATFRIKAQSYRLKKYDCHAWSMINQASLTIESVKPETFCDEDSDEDISSDSLDELVTSRIFNKQNEAFATLTQYYTVSEGMLTVEDLLDYSLLDYPNFH</p> <p>* ** * * ** * ** *</p>																																																																																																			
Acr00021 type I-D	TKKELTFSEKQLKEIVKIMYYGINSNN...NIFNDKIEFRFDYDFGTVFGIYHETRYIRIFFEKRNNMLKLTKIELEK...NRLER...KIKELAEFYGRKDN...ELFNNEIEFEFKRQYEIEDLKQEINIVNLIKIRKENNKLKLEVKLEKSITSNS...CNEDDDFDEKEIHEMIAEQMELAKRYQEL...GDTVHGTTRLAFD.DDGYMTVRLDQQAYPDYRPENDDKHIMWRALALTATGKELEVFWLVEDYEDEEVNS...EREGT...QEATSLSQAKRIASK...EQCFHG...TVMRIETVNGLWLAYK..EDGK..RWVDCQ...WVEKN...YTSSYSLFNICEIE...VSSAGQLVKIDNTEVDQFVENCYGFTLEDDLEEFNKAKQYLQKFYAECEN...IIDLT...YVRDLG..IEEYDEN...FDGLEPELIY...YDVVASQACEVAYRYEEMGEFTFGLCSCWEFNVM...DELDGATFRIKAQSYRLKKYDCHAWSMINQASLTIESVKPETFCDEDSDEDISSDSLDELVTSRIFNKQNEAFATLTQYYTVSEGMLTVEDLLDYSLLDYPNFH																																																																																																			
Acr00010 type I-D	TKKELTFSEKQLKEIVKIMYYGINSNN...NIFNDKIEFRFDYDFGTVFGIYHETRYIRIFFEKRNNMLKLTKIELEK...NRLER...KIKELAEFYGRKDN...ELFNNEIEFEFKRQYEIEDLKQEINIVNLIKIRKENNKLKLEVKLEKSITSNS...CNEDDDFDEKEIHEMIAEQMELAKRYQEL...GDTVHGTTRLAFD.DDGYMTVRLDQQAYPDYRPENDDKHIMWRALALTATGKELEVFWLVEDYEDEEVNS...EREGT...QEATSLSQAKRIASK...EQCFHG...TVMRIETVNGLWLAYK..EDGK..RWVDCQ...WVEKN...YTSSYSLFNICEIE...VSSAGQLVKIDNTEVDQFVENCYGFTLEDDLEEFNKAKQYLQKFYAECEN...IIDLT...YVRDLG..IEEYDEN...FDGLEPELIY...YDVVASQACEVAYRYEEMGEFTFGLCSCWEFNVM...DELDGATFRIKAQSYRLKKYDCHAWSMINQASLTIESVKPETFCDEDSDEDISSDSLDELVTSRIFNKQNEAFATLTQYYTVSEGMLTVEDLLDYSLLDYPNFH																																																																																																			
Acr00002 type I-C	TKKELTFSEKQLKEIVKIMYYGINSNN...NIFNDKIEFRFDYDFGTVFGIYHETRYIRIFFEKRNNMLKLTKIELEK...NRLER...KIKELAEFYGRKDN...ELFNNEIEFEFKRQYEIEDLKQEINIVNLIKIRKENNKLKLEVKLEKSITSNS...CNEDDDFDEKEIHEMIAEQMELAKRYQEL...GDTVHGTTRLAFD.DDGYMTVRLDQQAYPDYRPENDDKHIMWRALALTATGKELEVFWLVEDYEDEEVNS...EREGT...QEATSLSQAKRIASK...EQCFHG...TVMRIETVNGLWLAYK..EDGK..RWVDCQ...WVEKN...YTSSYSLFNICEIE...VSSAGQLVKIDNTEVDQFVENCYGFTLEDDLEEFNKAKQYLQKFYAECEN...IIDLT...YVRDLG..IEEYDEN...FDGLEPELIY...YDVVASQACEVAYRYEEMGEFTFGLCSCWEFNVM...DELDGATFRIKAQSYRLKKYDCHAWSMINQASLTIESVKPETFCDEDSDEDISSDSLDELVTSRIFNKQNEAFATLTQYYTVSEGMLTVEDLLDYSLLDYPNFH																																																																																																			
Acr00101 type I-F	TKKELTFSEKQLKEIVKIMYYGINSNN...NIFNDKIEFRFDYDFGTVFGIYHETRYIRIFFEKRNNMLKLTKIELEK...NRLER...KIKELAEFYGRKDN...ELFNNEIEFEFKRQYEIEDLKQEINIVNLIKIRKENNKLKLEVKLEKSITSNS...CNEDDDFDEKEIHEMIAEQMELAKRYQEL...GDTVHGTTRLAFD.DDGYMTVRLDQQAYPDYRPENDDKHIMWRALALTATGKELEVFWLVEDYEDEEVNS...EREGT...QEATSLSQAKRIASK...EQCFHG...TVMRIETVNGLWLAYK..EDGK..RWVDCQ...WVEKN...YTSSYSLFNICEIE...VSSAGQLVKIDNTEVDQFVENCYGFTLEDDLEEFNKAKQYLQKFYAECEN...IIDLT...YVRDLG..IEEYDEN...FDGLEPELIY...YDVVASQACEVAYRYEEMGEFTFGLCSCWEFNVM...DELDGATFRIKAQSYRLKKYDCHAWSMINQASLTIESVKPETFCDEDSDEDISSDSLDELVTSRIFNKQNEAFATLTQYYTVSEGMLTVEDLLDYSLLDYPNFH																																																																																																			
Acr00306 type II-C	TKKELTFSEKQLKEIVKIMYYGINSNN...NIFNDKIEFRFDYDFGTVFGIYHETRYIRIFFEKRNNMLKLTKIELEK...NRLER...KIKELAEFYGRKDN...ELFNNEIEFEFKRQYEIEDLKQEINIVNLIKIRKENNKLKLEVKLEKSITSNS...CNEDDDFDEKEIHEMIAEQMELAKRYQEL...GDTVHGTTRLAFD.DDGYMTVRLDQQAYPDYRPENDDKHIMWRALALTATGKELEVFWLVEDYEDEEVNS...EREGT...QEATSLSQAKRIASK...EQCFHG...TVMRIETVNGLWLAYK..EDGK..RWVDCQ...WVEKN...YTSSYSLFNICEIE...VSSAGQLVKIDNTEVDQFVENCYGFTLEDDLEEFNKAKQYLQKFYAECEN...IIDLT...YVRDLG..IEEYDEN...FDGLEPELIY...YDVVASQACEVAYRYEEMGEFTFGLCSCWEFNVM...DELDGATFRIKAQSYRLKKYDCHAWSMINQASLTIESVKPETFCDEDSDEDISSDSLDELVTSRIFNKQNEAFATLTQYYTVSEGMLTVEDLLDYSLLDYPNFH																																																																																																			
Acr00219 type II-C	TKKELTFSEKQLKEIVKIMYYGINSNN...NIFNDKIEFRFDYDFGTVFGIYHETRYIRIFFEKRNNMLKLTKIELEK...NRLER...KIKELAEFYGRKDN...ELFNNEIEFEFKRQYEIEDLKQEINIVNLIKIRKENNKLKLEVKLEKSITSNS...CNEDDDFDEKEIHEMIAEQMELAKRYQEL...GDTVHGTTRLAFD.DDGYMTVRLDQQAYPDYRPENDDKHIMWRALALTATGKELEVFWLVEDYEDEEVNS...EREGT...QEATSLSQAKRIASK...EQCFHG...TVMRIETVNGLWLAYK..EDGK..RWVDCQ...WVEKN...YTSSYSLFNICEIE...VSSAGQLVKIDNTEVDQFVENCYGFTLEDDLEEFNKAKQYLQKFYAECEN...IIDLT...YVRDLG..IEEYDEN...FDGLEPELIY...YDVVASQACEVAYRYEEMGEFTFGLCSCWEFNVM...DELDGATFRIKAQSYRLKKYDCHAWSMINQASLTIESVKPETFCDEDSDEDISSDSLDELVTSRIFNKQNEAFATLTQYYTVSEGMLTVEDLLDYSLLDYPNFH																																																																																																			
Acr00083 type I-F	TKKELTFSEKQLKEIVKIMYYGINSNN...NIFNDKIEFRFDYDFGTVFGIYHETRYIRIFFEKRNNMLKLTKIELEK...NRLER...KIKELAEFYGRKDN...ELFNNEIEFEFKRQYEIEDLKQEINIVNLIKIRKENNKLKLEVKLEKSITSNS...CNEDDDFDEKEIHEMIAEQMELAKRYQEL...GDTVHGTTRLAFD.DDGYMTVRLDQQAYPDYRPENDDKHIMWRALALTATGKELEVFWLVEDYEDEEVNS...EREGT...QEATSLSQAKRIASK...EQCFHG...TVMRIETVNGLWLAYK..EDGK..RWVDCQ...WVEKN...YTSSYSLFNICEIE...VSSAGQLVKIDNTEVDQFVENCYGFTLEDDLEEFNKAKQYLQKFYAECEN...IIDLT...YVRDLG..IEEYDEN...FDGLEPELIY...YDVVASQACEVAYRYEEMGEFTFGLCSCWEFNVM...DELDGATFRIKAQSYRLKKYDCHAWSMINQASLTIESVKPETFCDEDSDEDISSDSLDELVTSRIFNKQNEAFATLTQYYTVSEGMLTVEDLLDYSLLDYPNFH																																																																																																			
consensus	TKKELTFSEKQLKEIVKIMYYGINSNN...NIFNDKIEFRFDYDFGTVFGIYHETRYIRIFFEKRNNMLKLTKIELEK...NRLER...KIKELAEFYGRKDN...ELFNNEIEFEFKRQYEIEDLKQEINIVNLIKIRKENNKLKLEVKLEKSITSNS...CNEDDDFDEKEIHEMIAEQMELAKRYQEL...GDTVHGTTRLAFD.DDGYMTVRLDQQAYPDYRPENDDKHIMWRALALTATGKELEVFWLVEDYEDEEVNS...EREGT...QEATSLSQAKRIASK...EQCFHG...TVMRIETVNGLWLAYK..EDGK..RWVDCQ...WVEKN...YTSSYSLFNICEIE...VSSAGQLVKIDNTEVDQFVENCYGFTLEDDLEEFNKAKQYLQKFYAECEN...IIDLT...YVRDLG..IEEYDEN...FDGLEPELIY...YDVVASQACEVAYRYEEMGEFTFGLCSCWEFNVM...DELDGATFRIKAQSYRLKKYDCHAWSMINQASLTIESVKPETFCDEDSDEDISSDSLDELVTSRIFNKQNEAFATLTQYYTVSEGMLTVEDLLDYSLLDYPNFH																																																																																																			

logo

		WDFDIADDWREL.....		107
Acr00021	type I-D	WDFDIADDWREL.....		107
Acr00010	type I-D	WDFDIADDWREL.....		105
Acr00002	type I-C	WDFDIADDWREL.....		190
Acr00101	type I-F	WDFDIADDWREL.....		68
Acr00306	type II-C	WDFDIADDWREL.....		130
Acr00219	type II-C	WDFDIADDWREL.....		91
Acr00083	type I-F	WDFDIADDWREL.....		270
consensus		WDFDIADDWREL.....		

- non conserved
- similar
- ≥ 50% conserved