

logo

[illegible]

logo

		YVVTITKNEKYAVALCSLSTDECE		DNLVDEEIVPYKSTVDYNGVTTYINIVETNDIDLEIA		DEDEEY			
Acr00198	type II-A	.....VNNDGNEYVVIS.....	.....ESEN.....ESIVEK.....	.....FISAFKNGWNQEYE.....	.....DEEEF	73			
Acr00197	type II-A	.....VNNDGNEYVVIS.....	.....ESEN.....ESIVEK.....	.....FISAFKNGWNQEYE.....	.....DEEEF	73			
Acr00195	type II-A	.....VNNDGNEYVVIS.....	.....ESEN.....ESIVEK.....	.....FISAFKNGWNQEYE.....	.....DEEEF	73			
Acr00192	type II-A	.....VNNDGNEYVVIS.....	.....ESEN.....ESIVEK.....	.....FISAFKNGWNQEYE.....	.....DEEEF	73			
Acr00199	type II-A	.....VNNDGNEYVVIS.....	.....ESEN.....ESIVEK.....	.....FISAFKNGWNQEYE.....	.....DEEEF	75			
Acr00194	type II-A	.....VNNDGNEYGIS.....	.....ESNF.....ESIVEK.....	.....FVSTFENGWDGAYE.....	.....DEEEF	73			
Acr00193	type II-A	.....VNNDGNEYGIS.....	.....ESNF.....ESIVEK.....	.....FVSNFENGWDGAYE.....	.....DEEEF	73			
Acr00196	type II-A	.....VDNDGNEYVVIS.....	.....ESKN.....ESIAEK.....	.....FASTFKNGWNQEYE.....	.....DEEEF	73			
Acr00174	type II-A	.....YVVTITKNEKYAVALCTLSTDECE.....	.....YDTNLYLDEKLVVDYSTVNVNGVTYY.....	.....INIVETNDIDDLLEIA.....	.....TDEDEM	109			
Acr00176	type II-A	.....YVVTITKNEKYAVALCSLSTDECE.....	.....YDTNLYLDEKLVVDYSTVDVNGVTYY.....	.....INIVETNDIDDLLEIA.....	.....TDEDEM	109			
Acr00169	type II-A	.....YVVTITKNEKYAVALCSLSTDECE.....	.....YDTNLYLDEKLVVDYSTVDVNGVTYY.....	.....INIVETNDIDDLLEIA.....	.....TDEDEM	96			
Acr00167	type II-A	.....YVVTITKNEKYAVALCSLSTDECE.....	.....YDTNLYLDEKLVVDYSTVDVNGVTYY.....	.....INIVETNDIDDLLEIA.....	.....TDEDEM	109			
Acr00166	type II-A	.....YVVTITKNEKYAVALCSLSTDECE.....	.....YDTNLYLDEKLVVDYSTVDVNGVTYY.....	.....INIVETNDIDDLLEIA.....	.....TDEDEM	109			
Acr00160	type II-A	.....YVVTITKNEKYAVALCSLSTDECE.....	.....YDTNLYLDEKLVVDYSTVDVNGVTYY.....	.....INIVETNDIDDLLEIA.....	.....TDEDEM	109			
Acr00165	type II-A	.....YVVTITKNEKYAVALCSLSTDECE.....	.....YDTNLYLDEKLVVDYSTVDVNGVTYY.....	.....INIVETNDIDDLLEIA.....	.....TDEDEM	110			
Acr00168	type II-A	.....YVVTITKNEKYAVALCSLSTDECE.....	.....YDTNLYLDEKLVVDYSTVDVNGVTYY.....	.....INIVETNDIDDLLEIA.....	.....TDEDEM	109			
Acr00170	type II-A	.....YVVTITKNEKYAVALCSLSTDECE.....	.....YDTNLYLDEKLVVDYSTVDVNGVTYY.....	.....INIVETNDIDDLLEIA.....	.....TDEDEM	109			
Acr00177	type II-A	.....YVVTITKNEKYAVALCSLSTDECE.....	.....YDTNLYLDEKLVVDYSTVDVNGVTYY.....	.....INIVETKDIDDLLEIA.....	.....TDEDEM	109			
Acr00171	type II-A	.....YVVTITKNEKYAVALCSLSTDECE.....	.....YDTNLYLDEKLVVDYSTVDVNGVTYY.....	.....INIVETKDIDDLLEIA.....	.....TDEDEM	109			
Acr00162	type II-A	.....YLVTITKNEAYAVALCLLD.....	.....DDKLYLDETLVHSTRLDIEDETTY.....	.....INFVVTNE.DDFKLA.....	.....TDEDKE	102			
Acr00163	type II-A	.....YLVTITKNEAYAVALCMLD.....	.....DDKLYLDETLVQSTRLDIEDETTY.....	.....INFVVTNE.DDFKLA.....	.....TDEDKE	102			
Acr00164	type II-A	.....YLVTITKNEAYAVDLCMLD.....	.....DDKLYLDETLVQSTRLDIEDETTY.....	.....INFVVTNE.DDFKLA.....	.....TDEDKE	102			
Acr00161	type II-A	.....YLAVTKNEAYAVALCLLD.....	.....DDKLYLDETLVHSTRFDIEDETTY.....	.....INFVVTNE.DDFKLA.....	.....TDEDKE	102			
Acr00173	type II-A	.....YLVTITKNEAYAVALCMLD.....	.....DDKLYLDETLVQSTCLDVEGETYY.....	.....INFVVTNE.DDFKLA.....	.....TDKDKE	102			
Acr00006	type I-D	.....VNYTEHGINYNDDTVDIIVDDE.....	.....PYYNDIPMKVLFDYMKDYGKTCFSI.....	.....ILKLTEEYYSDFLP.....	.....LDTAQS	113			
Acr00005	type I-D	.....VNYTEHGINYNDDTVDIIVDDE.....	.....PYYNDIPMKVLFDYMKDYGKTCFSI.....	.....ILKLTEEYYSDFLP.....	.....LDTAQS	113			
Acr00007	type I-D	.....VNYTEHGINYNDDTVDIIVDDE.....	.....PYYNDIPMKVLFDYMKDYGKTCFSI.....	.....ILKLTEEYYSDFLP.....	.....LDTARS	113			
Acr00072	type I-E, I-F	.....TDALESEN.....	.....DLEQLTEDDFVAH.....	.....LEVLEERGAKIDRDAIA.....	.....VALQFQ	88			
Acr00074	type I-F	.....TDALESEN.....	.....DLEQLTEDDFVAH.....	.....LEVLEERGAKINRDAIA.....	.....VALQFQ	88			
Acr00073	type I-F	.....TDALESEN.....	.....DLEQLTEDDFVAH.....	.....LEVLEERGAKIDRDAVA.....	.....VALQFQ	88			
Acr00324	type VI-B	VFVKRGDHWYFRQEQQGREYILALSENFFNKGYGVMFPGPAKENLYHFRGMIYKLLQDSKSNNGNDNNEVLLKNQSMVQKKDKQAAPNKKSV...QLKDDEI	.....WWYRIANVMLATAS.....	.....QNVGVAVGSHVHGR.....	.....LMAIF	195			
Acr00068	type I-F	.....LNLNADGRVTSNPFADWG.....	.....EKKYVIFTARNDYENECGFNNVREVRQFINGWEDELKNEEFYKAREKKRQEMEEA	.....VKGLENY	127				
Acr00208	type II-A	.....FEPLDEEQRDELYFGVAIDDKRR.....	.....KEVAENLDGLPPIKMHC SVLAEEA	.....KAALYDYQEKSGHK.....	.....VKGLENY	161			
Acr00228	type II-C	.....LILKGSINDAIIINLSN.....	.....KEVAENLDGLPPIKMHC SVLAEEA	.....KAALYDYQEKSGHK.....	.....VKGLENY	133			
consensus	*.....**.....***				

logo

logo		KNDNQEIILKSELN		
Acr00198	type II-A	YNDMQTITILKSELN.....	87	
Acr00197	type II-A	YNDMQTITILKSELN.....	87	
Acr00195	type II-A	YNDMQTITILKSELN.....	87	
Acr00192	type II-A	YNDMQTITILKSELN.....	87	
Acr00199	type II-A	YNDMQTITILKSELN.....	89	
Acr00194	type II-A	YNDMQDIVNR.HFK.....	86	
Acr00193	type II-A	YNDMQDIVNR.HFK.....	86	
Acr00196	type II-A	YNDMQSIIILKSELN.....	87	
Acr00174	type II-A	KSDNQKIIILKSELK.....	123	
Acr00176	type II-A	KSGNQEIILKSELK.....	123	
Acr00169	type II-A	KSGNQEIILKSELK.....	110	
Acr00167	type II-A	KSGNQEIILKSELK.....	123	
Acr00166	type II-A	KSGNQEIILKSELK.....	123	
Acr00160	type II-A	KSGNQEIILKSELK.....	123	
Acr00165	type II-A	KSGNQEIILKSELN.....	124	
Acr00168	type II-A	KSGNQEIILKSELN.....	123	
Acr00170	type II-A	KSGNQEIILKSEL.....	122	
Acr00177	type II-A	KSDNQEIILKSELK.....	123	
Acr00171	type II-A	KHDKQEVIIKSELN.....	123	
Acr00162	type II-A	KHDKQEVIIKSELN.....	116	
Acr00163	type II-A	KHDKQEVIIKSELN.....	116	
Acr00164	type II-A	KHDRQEVIIKSELN.....	116	
Acr00161	type II-A	KHDKQEVIIKSELN.....	116	
Acr00173	type II-A	KHDKQEVIIKSELN.....	116	
Acr00006	type I-D	ANDITKTLIK.....	123	
Acr00005	type I-D	ANDITKTLIK.....	123	
Acr00007	type I-D	ANDITKTMIK.....	123	
Acr00072	type I-E, I-F	AAAVNDLHSGDE.....	100	
Acr00074	type I-F	AAAVNDLHSGDE.....	100	
Acr00073	type I-F	AAAVNDLHSGDE.....	100	
Acr00324	type VI-B	NASLRNMLQKSEIDLD.....	211	
Acr00068	type I-F	QDRFQQHYEDEEC.....	140	
Acr00208	type II-A	NNKFAETMQRADEILWNLKED	182	
Acr00228	type II-C	EPPKDDLHDHEHVELD.....	149	
consensus		* * * * *		

ⓧ

 non conserved

✖

 similar

ⓧ

 ≥50% conserved