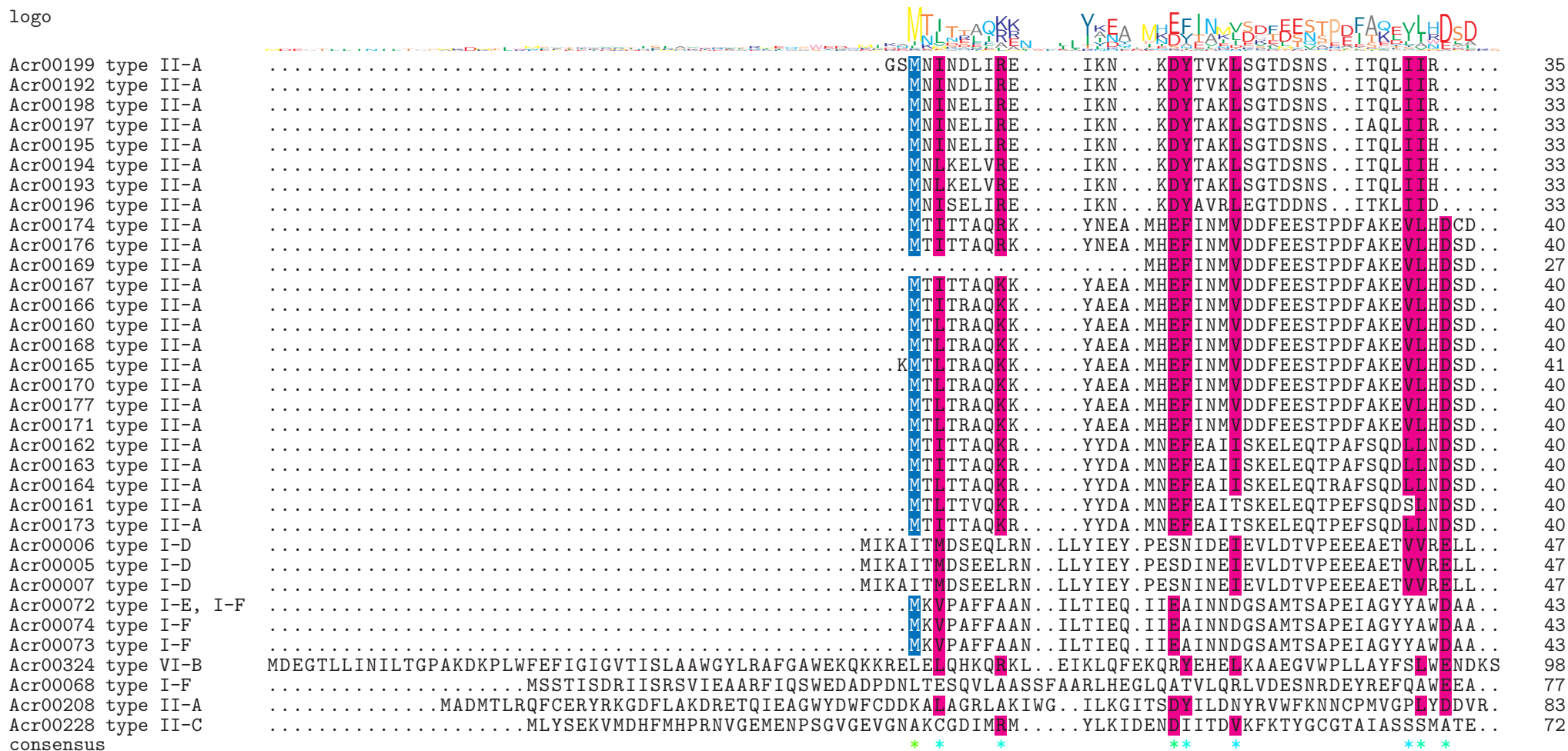


logo



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			YVVTITKNEKYAVALCSLSTDECE	DNLVDEEIVPYEKKSTVDYNGVTTYINIVETNDIDLEIA	DEDEEY	
Acr00199	type II-A	.....	VNNDGNEYVIS	ESEN...ESIVEK.....	FISAFKNGWNQEYE.....	DEEEF 75
Acr00192	type II-A	.....	VNNDGNEYVIS	ESEN...ESIVEK.....	FISAFKNGWNQEYE.....	DEEEF 73
Acr00198	type II-A	.....	VNNDGNEYVIS	ESEN...ESIVEK.....	FISAFKNGWNQEYE.....	DEEEF 73
Acr00197	type II-A	.....	VNNDGNEYVIS	ESEN...ESIVEK.....	FISAFKNGWNQEYE.....	DEEEF 73
Acr00195	type II-A	.....	VNNDGNEYVIS	ESEN...ESIVEK.....	FISAFKNGWNQEYE.....	DEEEF 73
Acr00194	type II-A	.....	VNNDGNEYGIS	ESNF...ESIVEK.....	FVSTFENGWDGAYE.....	DEEEF 73
Acr00193	type II-A	.....	VNNDGNEYGIS	ESNF...ESIVEK.....	FVSNFENGWDGAYE.....	DEEEF 73
Acr00196	type II-A	.....	VDNDGNEYVIS	ESKN...ESIAEK.....	FASTFKNGWNQEYE.....	DEEEF 73
Acr00174	type II-A	.....	YVVTITKNEKYAVALCTLSTDECE	YDTNLYLDEKLVVDYSTVNVNGVTYY	INIVETNDIDDLAIA.....	TDEDEM 109
Acr00176	type II-A	.....	YVVTITKNEKYAVALCSLSTDECE	YDTNLYLDEKLVVDYSTVDVNGVTYY	INIVETNDIDDLAIA.....	TDEDEM 109
Acr00169	type II-A	.....	YVVTITKNEKYAVALCSLSTDECE	YDTNLYLDEKLVVDYSTVDVNGVTYY	INIVETNDIDDLAIA.....	TDEDEM 96
Acr00167	type II-A	.....	YVVTITKNEKYAVALCSLSTDECE	YDTNLYLDEKLVVDYSTVDVNGVTYY	INIVETNDIDDLAIA.....	TDEDEM 109
Acr00166	type II-A	.....	YVVTITKNEKYAVALCSLSTDECE	YDTNLYLDEKLVVDYSTVDVNGVTYY	INIVETNDIDDLAIA.....	TDEDEM 109
Acr00160	type II-A	.....	YVVTITKNEKYAVALCSLSTDECE	YDTNLYLDEKLVVDYSTVDVNGVTYY	INIVETNDIDDLAIA.....	TDEDEM 109
Acr00168	type II-A	.....	YVVTITKNEKYAVALCSLSTDECE	YDTNLYLDEKLVVDYSTVDVNGVTYY	INIVETNDIDDLAIA.....	TDEDEM 109
Acr00165	type II-A	.....	YVVTITKNEKYAVALCSLSTDECE	YDTNLYLDEKLVVDYSTVDVNGVTYY	INIVETNDIDDLAIA.....	TDEDEM 110
Acr00170	type II-A	.....	YVVTITKNEKYAVALCSLSTDECE	YDTNLYLDEKLVVDYSTVDVNGVTYY	INIVETNDIDDLAIA.....	TDEDEM 109
Acr00177	type II-A	.....	YVVTITKNEKYAVALCSLSTDECE	YDTNLYLDEKLVVDYSTVDVNGVTYY	INIVETKDIDDLAIA.....	TDEDEM 109
Acr00171	type II-A	.....	YVVTITKNEKYAVALCSLSTDECE	YDTNLYLDEKLVVDYSTVDVNGVTYY	INIVETKDIDDLAIA.....	TDEDEM 109
Acr00162	type II-A	.....	YLVITKNEAYAVALCLLD	DDKLYLDETLVHSTRLDIEDETTY	INFVVTNE.DDFKLA.....	TDEDKE 102
Acr00163	type II-A	.....	YLVITKNEAYAVALCMLD	DDKLYLDETLVQSTRLDIEDETTY	INFVVTNE.DDFKLA.....	TDEDKE 102
Acr00164	type II-A	.....	YLVITKNEAYAVDLCMLD	DDKLYLDETLVQSTRLDIEDETTY	INFVVTNE.DDFKLA.....	TDEDKE 102
Acr00161	type II-A	.....	YLAVTKNEAYAVALCLLD	DDKLYLDETLVHSTRFDIEDETTY	INFVVTNE.DDFKLA.....	TDEDKE 102
Acr00173	type II-A	.....	YLVITKNEAYAVALCMLD	DDKLYLDETLVQSTCLDVEGETYY	INFVVTNE.DDFKLA.....	TDKDKE 102
Acr00006	type I-D	.....	VNYTEHGINYNDTVDIIVDDE	PYYNDIPMKVLFDYMKDYGKTCFSI	ILKLTEEYYSDFLP.....	LDTAQS 113
Acr00005	type I-D	.....	VNYTEHGINYNDTVDIIVDDE	PYYNDIPMKVLFDYMKDYGKTCFSI	ILKLTEEYYSDFLP.....	LDTAQS 113
Acr00007	type I-D	.....	VNYTEHGINYNDTVDIIVDDE	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	VFVKRGDHWYFRQEQGREYIL	ALSENFFNKGYGVMFPGPAKENLYHFRGMIYKLLQDSKSNNGNDNNEVL	LKNQSMVQKKDKQAAPNKKSV	...QLKDEI	195
Acr00068	type I-F	.....	LINADGRVTSNPFADWG	WWYRIANVMLATAS	...QNVGVAWGSHVHGR	...LMAIF 127
Acr00208	type II-A	.....	FEPLDEEQRDELYFGVAIDDKRR	EKKYVIFTARNDYENECGFNNVREVRQFINGWED	ELKNEEFYKAREKKRQEME	EAE 161
Acr00228	type II-C	.....	LIKGKSINDAIIINLSN	KEVAENLDGLPPIKMHC SVLAEEA	IKAAALYDYQEKSGHK	...VKGLENY 133
consensus			* * *	* * *	* *	* *

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logo		KNDNQEIILKSELN		
Acr00199	type II-A	YNDMQTITILKSELN.....		89
Acr00192	type II-A	YNDMQTITILKSELN.....		87
Acr00198	type II-A	YNDMQTITILKSELN.....		87
Acr00197	type II-A	YNDMQTITILKSELN.....		87
Acr00195	type II-A	YNDMQTITILKSELN.....		87
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
Acr00168	type II-A	KSGNQEIILKSELN.....		123
Acr00165	type II-A	KSGNQEIILKSELN.....		124
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		* * * * *		

- [X] non conserved
- [X] similar
- [X] ≥ 50% conserved