

NTDB id 602	KW2 RS03060 WP 011834647.1	MGYL	VPTVIEQSSRGERAYDIYSRLKDR	IIMLTG	TPVEDGMANSIIAQLFLDAQDN	TKDIYLYVNTPGGSVSAG	75	
NTDB id 611	V4T04 RS07970 WP 003129593.1	MGYL	VPTVIEQSSRGERAYDIYSRLKDR	IIMLTG	TPVEDGMANSIIAQLFLDAQDN	TKDIYLYVNTPGGSVSAG	75	
NTDB id 330	STU RS11365 WP 002949732.1		MIPVVIEQTSRGR	SYDIYSRLKDR	IIMLTGTP	IEDNMANSIIAQLFLDAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 298	STER RS01925 WP 002949732.1		MIPVVIEQTSRGR	SYDIYSRLKDR	IIMLTGTP	IEDNMANSIIAQLFLDAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 282	KZH43 RS03215 WP 000613477.1		MIPVVIEQTSRGR	SYDIYSRLKDR	IIMLTGTPVEDNMANS	VIAQLFLDAQDS	TKDIYLYVNTPGGSVSAG	72
NTDB id 246	SPD RS03495 WP 000613477.1		MIPVVIEQTSRGR	SYDIYSRLKDR	IIMLTGTPVEDNMANS	VIAQLFLDAQDS	TKDIYLYVNTPGGSVSAG	72
NTDB id 244	SPR RS03300 WP 000613477.1		MIPVVIEQTSRGR	SYDIYSRLKDR	IIMLTGTPVEDNMANS	VIAQLFLDAQDS	TKDIYLYVNTPGGSVSAG	72
NTDB id 242	SP RS03655 WP 000613477.1		MIPVVIEQTSRGR	SYDIYSRLKDR	IIMLTGTPVEDNMANS	VIAQLFLDAQDS	TKDIYLYVNTPGGSVSAG	72
NTDB id 446	SpyM6JRS4 RS01695 WP 002985850.1		MIPVVIEQTSRGR	SYDIYSRLKDR	IIMLTGTPVEDNMANS	VIAQLFLDAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 445	SPYM3 RS01720 WP 002985850.1		MIPVVIEQTSRGR	SYDIYSRLKDR	IIMLTGTPVEDNMANS	VIAQLFLDAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 376	SMU RS07595 WP 255262720.1	MELKEKYS	MIPVVIEQTSRGR	SYDIYSRLKDR	IIMLTGTPVEDNMANS	IIAQLFLDAQDN	TKDIYLYINSPGGSVSAG	80
NTDB id 319734	D9C18 RS13795 WP 003228214.1	MNL	IPTVIEQTNRGERAYDIYSRLKDR	IIMLTGSAID	DNVANSIVSQLLFLAAEDPEKEISLYINSPGG	ITAG	74	
NTDB id 86	BSU 34540 NP 391334.1	MNL	IPTVIEQTNRGERAYDIYSRLKDR	IIMLTGSAID	DNVANSIVSQLLFLAAEDPEKEISLYINSPGG	ITAG	74	
NTDB id 1223	Cj0192c YP 002343650.1	MF	IPYVIEKSSRGR	SYDIYSRLKDR	IIMLTSGEIHDELAA	SIQAQLFLFAEDPT	TKDIYLYINSPGGVITSG	73
consensus			*****					

[illegible]

NTDB id 602 KW2 RS03060 WP 011834647.1	ILADNSNRSL	EQIHKDAERDHWMDAK	ETLEYGFIDEIMENNSLK.	199
NTDB id 611 V4T04 RS07970 WP 003129593.1	ILADNSNRSL	EQIHKDAERDHWMDAK	ETLEYGFIDEIMENNSLK.	199
NTDB id 330 STU RS11365 WP 002949732.1	ILADNSGQPI	EKVHVDAERDNWMSAQ	ETLEYGFIDEIMTNNQLK.	196
NTDB id 298 STER RS01925 WP 002949732.1	ILADNSGQPI	EKVHVDAERDNWMSAQ	ETLEYGFIDEIMTNNQLK.	196
NTDB id 282 KZH43 RS03215 WP 000613477.1	ILAE NSGQSM	EKVHADAERDNWMSAQ	ETLEYGFIDEIMANNSLN.	196
NTDB id 246 SPD RS03495 WP 000613477.1	ILAE NSGQSM	EKVHADAERDNWMSAQ	ETLEYGFIDEIMANNSLN.	196
NTDB id 244 SPR RS03300 WP 000613477.1	ILAE NSGQSM	EKVHADAERDNWMSAQ	ETLEYGFIDEIMANNSLN.	196
NTDB id 242 SP RS03655 WP 000613477.1	ILAE NSGQSM	EKVHADAERDNWMSAQ	ETLEYGFIDEIMANNSLN.	196
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1	ILAQNA	GKTIKQIHKDAERDYWMSAE	ETLAYGFIDEIMENNELK.	196
NTDB id 445 SPYM3 RS01720 WP 002985850.1	ILAQNA	GKTIKQIHKDAERDYWMSAE	ETLAYGFIDEIMENNELK.	196
NTDB id 376 SMU RS07595 WP 255262720.1	ILSDNSGKTI	KQIHKDAERDYWMDAK	ETLKYGFIDEIMENNELK.	204
NTDB id 319734 D9C18 RS13795 WP 003228214.1	VLAERTGQ	PLEVIERDTRDNFKSAEE	ALEYGLIDKILTHTEDKK	197
NTDB id 86 BSU 34540 NP 391334.1	VLAERTGQ	PLEVIERDTRDNFKSAEE	ALEYGLIDKILTHTEDKK	197
NTDB id 1223 Cj0192c YP 002343650.1	ILAKNTIKQ	KVAKIAKDTERDFFMSAQ	EAKLEYGLIDKVLEKSFK..	194
consensus	*****	*****	*****	

 non conserved
 similar
 $\geq 50\%$ conserved