

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		MIPVVEIQT	SRGERSYDIYSRLKDR	IIMLTG	TIEDNMANSIIAQLFLDAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 298	STER RS01925 WP 002949732.1		MIPVVEIQT	SRGERSYDIYSRLKDR	IIMLTG	TIEDNMANSIIAQLFLDAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 282	KZH43 RS03215 WP 000613477.1		MIPVVEIQT	SRGERSYDIYSRLKDR	IIMLTG	TPVEDNMANSIIAQLFLDAQDS	TKDIYLYVNTPGGSVSAG	72
NTDB id 246	SPD RS03495 WP 000613477.1		MIPVVEIQT	SRGERSYDIYSRLKDR	IIMLTG	TPVEDNMANSIIAQLFLDAQDS	TKDIYLYVNTPGGSVSAG	72
NTDB id 244	SPR RS03300 WP 000613477.1		MIPVVEIQT	SRGERSYDIYSRLKDR	IIMLTG	TPVEDNMANSIIAQLFLDAQDS	TKDIYLYVNTPGGSVSAG	72
NTDB id 242	SP RS03655 WP 000613477.1		MIPVVEIQT	SRGERSYDIYSRLKDR	IIMLTG	TPVEDNMANSIIAQLFLDAQDS	TKDIYLYVNTPGGSVSAG	72
NTDB id 446	SpyM6JRS4 RS01695 WP 002985850.1		MIPVVEIQT	SRGERSYDIYSRLKDR	IIMLTG	TPVEDNMANSIIAQLFLDAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 445	SPYM3 RS01720 WP 002985850.1		MIPVVEIQT	SRGERSYDIYSRLKDR	IIMLTG	TPVEDNMANSIIAQLFLDAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 376	SMU RS07595 WP 255262720.1	MELKEKYS	MIPVVEIQT	SRGERSYDIYSRLKDR	IIMLTG	TPVEDNMANSIIAQLFLDAQDN	TKDIYLYINSPGGSVSAG	80
NTDB id 56030	C663 RS16865 WP 003228214.1	MNL	IPTVIEQTN	RGERAYDIYSRLKDR	IIMLGSAID	DNVANSIVSQLLFLAAEDPEKEISLYINSPGG	ITAG	74
NTDB id 86	BSU 34540 NP 391334.1	MNL	IPTVIEQTN	RGERAYDIYSRLKDR	IIMLGSAID	DNVANSIVSQLLFLAAEDPEKEISLYINSPGG	ITAG	74
NTDB id 1223	Cj0192c YP 002343650.1	MF	IPYVIEKSSRGERSYDIYSRLKDR	IIMLSGEIH	DELAAASIVAQLFLAEADP	TKDIYLYINSPGGVITSG	73	
consensus			*****					

[illegible]

NTDB id 602 KW2 RS03060 WP 011834647.1	ILADNSNRSLKQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id 611 V4T04 RS07970 WP 003129593.1	ILADNSNRSLKQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id 330 STU RS11365 WP 002949732.1	ILADNSGQPTEKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK.	196
NTDB id 298 STER RS01925 WP 002949732.1	ILADNSGQPTEKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK.	196
NTDB id 282 KZH43 RS03215 WP 000613477.1	ILAENSQGSMSEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 246 SPD RS03495 WP 000613477.1	ILAENSQGSMSEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 244 SPR RS03300 WP 000613477.1	ILAENSQGSMSEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 242 SP RS03655 WP 000613477.1	ILAENSQGSMSEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1	ILAAQNAGKTIKQIHKDAERDYWMSAEETLAYGFIDEIMENNELK.	196
NTDB id 445 SPYM3 RS01720 WP 002985850.1	ILAAQNAGKTIKQIHKDAERDYWMSAEETLAYGFIDEIMENNELK.	196
NTDB id 376 SMU RS07595 WP 255262720.1	ILSDNSGKTIKQIHKDAERDYWMDAKETLKYGFIDEIMENNELK.	204
NTDB id 56030 C663 RS16865 WP 003228214.1	VLAERTTGQPLEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK	197
NTDB id 86 BSU 34540 NP 391334.1	VLAERTTGQPLEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK	197
NTDB id 1223 Cj0192c YP 002343650.1	ILAKNITKQKVAKIAKTDTERDFFMSAQAKEYGLIDKVLKSFK..	194
consensus	*!*****!****!*!!**!!!***!!*!!!!!!*!*	

 non conserved
 similar
 $\geq 50\%$ conserved