

NTDB id	602 KW2 RS03060 WP 011834647.1	MGYL	VPTVIEQSSRGERAYDIYSRLKDRIIMLTGPVEDGMANSIIAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	75
NTDB id	611 V4T04 RS07970 WP 003129593.1	MGYL	VPTVIEQSSRGERAYDIYSRLKDRIIMLTGPVEDGMANSIIAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	75
NTDB id	1131391 H1W89 RS01910 WP 002949732.1	MIPV	VIEQTSRGERSYDIYSRLKDRIIMLTGPIEDNMANSIIAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id	330 STU RS11365 WP 002949732.1	MIPV	VIEQTSRGERSYDIYSRLKDRIIMLTGPIEDNMANSIIAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id	298 STER RS01925 WP 002949732.1	MIPV	VIEQTSRGERSYDIYSRLKDRIIMLTGPIEDNMANSIIAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id	282 KZH43 RS03215 WP 000613477.1	MIPV	VIEQTSRGERSYDIYSRLKDRIIMLTGPVEDNMANSVIAQLFLDAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id	246 SPD RS03495 WP 000613477.1	MIPV	VIEQTSRGERSYDIYSRLKDRIIMLTGPVEDNMANSVIAQLFLDAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id	244 SPR RS03300 WP 000613477.1	MIPV	VIEQTSRGERSYDIYSRLKDRIIMLTGPVEDNMANSVIAQLFLDAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id	242 SP RS03655 WP 000613477.1	MIPV	VIEQTSRGERSYDIYSRLKDRIIMLTGPVEDNMANSVIAQLFLDAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id	446 SpyM6JRS4 RS01695 WP 002985850.1	MIPV	VIEQTSRGERSYDIYSRLKDRIIMLTGPVEDNMANSVIAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id	445 SPYM3 RS01720 WP 002985850.1	MIPV	VIEQTSRGERSYDIYSRLKDRIIMLTGPVEDNMANSVIAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id	376 SMU RS07595 WP 255262720.1	MELKEKYS	MIPVVIEQTSRGERSYDIYSRLKDRIIMLTGPVEDNMANSIIAQLFLDQAQDNTKDIYLYINSPGGGSVSAG	80
NTDB id	86 BSU 34540 NP 391334.1	MNL	IPTVIEQTNRGERAYDIYSRLKDRIIMLGSAIDDNVANISVSQLLFLAAEDPEKEISLYINSPGGGITAG	74
NTDB id	1223 Cj0192c YP 002343650.1	MF	IPYVIEKSSRGRSERYDIYSRLKDRIIMLSGEIHDELAASIVAQFLFLEAEDPKTKDIYLYINSPGGVITSG	73
consensus				**!*!!!!*****!*****!!**!*!!!!*****!

[illegible]

NTDB id	602 KW2 RS03060 WP 011834647.1	ILADNSNRSL E QIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id	611 V4T04 RS07970 WP 003129593.1	ILADNSNRSL E QIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id	1131391 H1W89 RS01910 WP 002949732.1	ILADNSGQP I EKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK.	196
NTDB id	330 STU RS11365 WP 002949732.1	ILADNSGQP I EKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK.	196
NTDB id	298 STER RS01925 WP 002949732.1	ILADNSGQP I EKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK.	196
NTDB id	282 KZH43 RS03215 WP 000613477.1	ILAENS G QSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	246 SPD RS03495 WP 000613477.1	ILAENS G QSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	244 SPR RS03300 WP 000613477.1	ILAENS G QSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	242 SP RS03655 WP 000613477.1	ILAENS G QSMEKVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	446 SpyM6JRS4 RS01695 WP 002985850.1	ILAQNA G KTIKQIHKKDAERDYWMSAEETLAYGFIDEIMENNELK.	196
NTDB id	445 SPYM3 RS01720 WP 002985850.1	ILAQNA G KTIKQIHKKDAERDYWMSAEETLAYGFIDEIMENNELK.	196
NTDB id	376 SMU RS07595 WP 255262720.1	ILSDNS G KTIKQIHKKDAERDYWMDAKETLKYGFIDEIMENNELK.	204
NTDB id	86 BSU 34540 NP 391334.1	VLAERT G QPLEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK	197
NTDB id	1223 Cj0192c YP 002343650.1	ILAKN T IKQKVAKIAKDTERDFFMSAQAKEYGLIDKVLEKSFK..	194
consensus		*!*****!!*****!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*	

 non conserved
 similar
 $\geq 50\%$ conserved