

NTDB id 602 KW2 RS03060 WP 011834647.1	MGYLVPTVIEQSSRGERAYDIYSRLKDRIIMLTGPVEDGMANS	IIAQLFLDQAQDN	TKDIYLYVNTPGGSVSAG	75
NTDB id 611 V4T04 RS07970 WP 003129593.1	MGYLVPTVIEQSSRGERAYDIYSRLKDRIIMLTGPVEDGMANS	IIAQLFLDQAQDN	TKDIYLYVNTPGGSVSAG	75
NTDB id 376 SMU RS07595 WP 255262720.1	MELKEKYSMIPVVIEQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	IIAQLFLDQAQDN	TKDIYLYINSPGGSVSAG	80
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1	MIPVVIEQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	IIAQLFLDQAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 445 SPYM3 RS01720 WP 002985850.1	MIPVVIEQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	IIAQLFLDQAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 330 STU RS11365 WP 002949732.1	MIPVVIEQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	IIAQLFLDQAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 298 STER RS01925 WP 002949732.1	MIPVVIEQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	IIAQLFLDQAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 170012 AXE83 RS07715 WP 060956027.1	MIPVVIEQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	IIAQLFLDQAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 282 KZH43 RS03215 WP 000613477.1	MIPVVIEQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	IIAQLFLDQAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 246 SPD RS03495 WP 000613477.1	MIPVVIEQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	IIAQLFLDQAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 244 SPR RS03300 WP 000613477.1	MIPVVIEQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	IIAQLFLDQAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 242 SP RS03655 WP 000613477.1	MIPVVIEQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	IIAQLFLDQAQDN	TKDIYLYVNTPGGSVSAG	72
NTDB id 1223 Cj0192c YP 002343650.1	MFIPYVIEKSSRGRERSYDIYSRLKDRIIMLSGEIHDELAAS	IIAQLFLDQAQDN	TKDIYLYINSPGGVITS	73
NTDB id 86 BSU 34540 NP 391334.1	MNLIPTVIEQTNRGERAYDIYSRLKDRIIMLGSAIDDNVANS	IVSQLLFLAEDPEKEISLYINSPGGSITAG	74	
consensus	*****	*****	*****	*****

[illegible]

NTDB id 602 KW2 RS03060 WP 011834647.1	ILADNSNRSLQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id 611 V4T04 RS07970 WP 003129593.1	ILADNSNRSLQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id 376 SMU RS07595 WP 255262720.1	ILSDNSGKTIKQIHKDAERDYWMDAKETLKYGFIIDEIMENNELK.	204
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1	ILAAQNAKGTIKQIHKDAERDYWMSAETLAYGFIDEIMENNELK.	196
NTDB id 445 SPYM3 RS01720 WP 002985850.1	ILAAQNAKGTIKQIHKDAERDYWMSAETLAYGFIDEIMENNELK.	196
NTDB id 330 STU RS11365 WP 002949732.1	ILADNSGQPIEKVHVDAERDNWMSAQETLEYGFIDEIMTNNQLK.	196
NTDB id 298 STER RS01925 WP 002949732.1	ILADNSGQPIEKVHVDAERDNWMSAQETLEYGFIDEIMTNNQLK.	196
NTDB id 170012 AXE83 RS07715 WP 060956027.1	ILADNSGKSVEQIHADAERDYWMSAQETLDYGFIDEIMANNSLN.	196
NTDB id 282 KZH43 RS03215 WP 000613477.1	ILAE NSGQSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 246 SPD RS03495 WP 000613477.1	ILAE NSGQSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 244 SPR RS03300 WP 000613477.1	ILAE NSGQSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 242 SP RS03655 WP 000613477.1	ILAE NSGQSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 1223 Cj0192c YP 002343650.1	ILAKNTKQKVAKIAKDTTERDFFMSAQEAKLEYGLIDKVLKFSFK.	194
NTDB id 86 BSU 34540 NP 391334.1	VLAERTGQPLEVIERDTRDNEFKSAEALLEYGLIDKILTHTEDKK	197
consensus	*!***** * * !*!! * * * !* * * !* * !* * * *	

 non conserved
 similar
 $\geq 50\%$ conserved