

NTDB id 315819 LLW34 RS09155 WP 011834647.1	MGYLVPTVIEQSSRGERAYDIYSRLKDRIMLTGPVEDGMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	75
NTDB id 602 KW2 RS03060 WP 011834647.1	MGYLVPTVIEQSSRGERAYDIYSRLKDRIMLTGPVEDGMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	75
NTDB id 611 V4T04 RS07970 WP 003129593.1	MGYLVPTVIEQSSRGERAYDIYSRLKDRIMLTGPVEDGMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	75
NTDB id 330 STU RS11365 WP 002949732.1	MIPVVEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 298 STER RS101925 WP 002949732.1	MIPVVEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 282 KZH43 RS03215 WP 000613477.1	MIPVVEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 246 SPD RS03495 WP 000613477.1	MIPVVEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 244 SPR RS03300 WP 000613477.1	MIPVVEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 242 SP RS03655 WP 000613477.1	MIPVVEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 376 SMU RS07595 WP 255262720.1	MELKEKYS.....MIPVVEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	80
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1	MIPVVEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 445 SPYM3 RS01720 WP 002985850.1	MIPVVEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 1223 Cj0192c YP 002343650.1	MFIPYVIEKSSRGRERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	73
NTDB id 86 BSU 34540 NP 391334.1	MNLIPTVIEQTNRGERAYDIYSRLKDRIMLTGPVEDNMANSIIAQLLFDAQDNTKDIYLYVNTPGGSVSAG	74
consensus	*****	

[illegible]

NTDB id 315819 LLW34 RS09155 WP 011834647.1	ILADNSNRSL	EQIHKDAERD	HWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id 602 KW2 RS03060 WP 011834647.1	ILADNSNRSL	EQIHKDAERD	HWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id 611 V4T04 RS07970 WP 003129593.1	ILADNSNRSL	EQIHKDAERD	HWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id 330 STU RS11365 WP 002949732.1	ILADNSGQPI	EKVHVDAERD	NWMSAQETLEYGFIDEIMTNNQLK.	196
NTDB id 298 STER RS01925 WP 002949732.1	ILADNSGQPI	EKVHVDAERD	NWMSAQETLEYGFIDEIMTNNQLK.	196
NTDB id 282 KZH43 RS03215 WP 000613477.1	ILAENSGQSM	EKVHADAERD	NWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 246 SPD RS03495 WP 000613477.1	ILAENSGQSM	EKVHADAERD	NWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 244 SPR RS03300 WP 000613477.1	ILAENSGQSM	EKVHADAERD	NWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 242 SP RS03655 WP 000613477.1	ILAENSGQSM	EKVHADAERD	NWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 376 SMU RS07595 WP 255262720.1	ILSDNSGKTI	KQIHKDAERDY	WMDAKETLKYGFIDEIMENNELK.	204
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1	ILAQNAGKTI	KQIHKDAERDY	WMSAEETLAYGFIDEIMENNELK.	196
NTDB id 445 SPYM3 RS01720 WP 002985850.1	ILAQNAGKTI	KQIHKDAERDY	WMSAEETLAYGFIDEIMENNELK.	196
NTDB id 1223 Cj0192c YP 002343650.1	ILAKN	KQKVAKIAK	DTERDFMSAQEAKEYGLIDKYLEKSFK..	194
NTDB id 86 BSU 34540 NP 391334.1	VLAERTGGP	LEVIERTDRDN	FKSAEEALEYGLIDKILTHTEDKK	197
consensus	*I* * * * *	E * * * *	K * * * * I * * * * I * * * * I * * * *	

 non conserved
 similar
 $\geq 50\%$ conserved