

NTDB id 602 KW2 RS03060 WP 011834647.1	MGYLVPTVIEQSSRGERAYDIYSRLKDRIIMLTGPVEDGMANS	IAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	75
NTDB id 611 V4T04 RS07970 WP 003129593.1	MGYLVPTVIEQSSRGERAYDIYSRLKDRIIMLTGPVEDGMANS	IAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	75
NTDB id 330 STU RS11365 WP 002949732.1	MIPVVEIQTSRGRERSYDIYSRLKDRIIMLTGPTEEDNMANS	IAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 298 STER RS01925 WP 002949732.1	MIPVVEIQTSRGRERSYDIYSRLKDRIIMLTGPTEEDNMANS	IAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 282 KZH43 RS03215 WP 000613477.1	MIPVVEIQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	VIAQLFLDQAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id 246 SPD RS03495 WP 000613477.1	MIPVVEIQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	VIAQLFLDQAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id 244 SPR RS03300 WP 000613477.1	MIPVVEIQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	VIAQLFLDQAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id 242 SP RS03655 WP 000613477.1	MIPVVEIQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	VIAQLFLDQAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id 64615 SPYOHK RS01425 WP 002985850.1	MIPVVEIQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	VIAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1	MIPVVEIQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	VIAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 445 SPYM3 RS01720 WP 002985850.1	MIPVVEIQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	VIAQLFLDQAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 376 SMU RS07595 WP 255262720.1	MELKEKYS MIPVVEIQTSRGRERSYDIYSRLKDRIIMLTGPVEDNMANS	IAQLFLDQAQDNTKDIYLYINSPPGGSVSAG	80
NTDB id 1223 Cj0192c YP 002343650.1	MFIPYVIEKSSRGRERSYDIYSRLKDRIIMLSGEIHDELAAS	IVAQLFLFEAEDEPTKDIYLYINSPPGVITSG	73
NTDB id 86 BSU 34540 NP 391334.1	MNLIPTVIEQTNRGERAYDIYSRLKDRIIMLGSAIDDNVANS	IVSQLFLFAAEDPEKEISLYINSPPGSITAG	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 330 STU RS11365 WP 002949732.1	ILADNSGQPTEKVVHDAERDNWMSAQETLEYGFIDEIMTNQLK.	196
NTDB id 298 STER RS01925 WP 002949732.1	ILADNSGQPTEKVVHDAERDNWMSAQETLEYGFIDEIMTNQLK.	196
NTDB id 282 KZH43 RS03215 WP 000613477.1	ILAENSQGSMKEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 246 SPD RS03495 WP 000613477.1	ILAENSQGSMKEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 244 SPR RS03300 WP 000613477.1	ILAENSQGSMKEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 242 SP RS03655 WP 000613477.1	ILAENSQGSMKEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 64615 SPYOHK RS01425 WP 002985850.1	ILAAQNAGKTIKQIHKAERDYWMSAEEETLAYGFIDEIMENNELK.	196
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1	ILAAQNAGKTIKQIHKAERDYWMSAEEETLAYGFIDEIMENNELK.	196
NTDB id 445 SPYM3 RS01720 WP 002985850.1	ILAAQNAGKTIKQIHKAERDYWMSAEEETLAYGFIDEIMENNELK.	196
NTDB id 376 SMU RS07595 WP 255262720.1	ILSDNSGKTIKQIHKAERDYWMDAKETLKYGFIDEIMENNELK.	204
NTDB id 1223 Cj0192c YP 002343650.1	ILAKNTKKVKVAKIAKDTERDFFMSAQEAKHEYGLIDKVLKSFK.	194
NTDB id 86 BSU 34540 NP 391334.1	VLAERTGGPLEVIERDTDRDNFKSAAEALEYGLIDKILTHTDKK	197
consensus	*!***** * ! **** ! !**** ! !**** *	

 non conserved
 similar
 $\geq 50\%$ conserved