

NTDB id	602	KW2 RS03060 WP 011834647.1	MGYL	VPTVIEQSSRGERAYDIYSRLKDRIMLTGPVEDGMANSIIAQLFLDLAQDNTKDIYLYVNTPGGSVSAG	75
NTDB id	611	V4T04 RS07970 WP 003129593.1	MGYL	VPTVIEQSSRGERAYDIYSRLKDRIMLTGPVEDGMANSIIAQLFLDLAQDNTKDIYLYVNTPGGSVSAG	75
NTDB id	330	STU RS11365 WP 002949732.1	MIPVV	IEQTSRGERSYDIYSRLKDRIMLTGPIEDNMANSIIAQLFLDLAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id	298	STER RS01925 WP 002949732.1	MIPVV	IEQTSRGERSYDIYSRLKDRIMLTGPIEDNMANSIIAQLFLDLAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id	282	KZH43 RS03215 WP 000613477.1	MIPVV	IEQTSRGERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLFLDLAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id	246	SPD RS03495 WP 000613477.1	MIPVV	IEQTSRGERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLFLDLAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id	244	SPR RS03300 WP 000613477.1	MIPVV	IEQTSRGERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLFLDLAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id	242	SP RS03655 WP 000613477.1	MIPVV	IEQTSRGERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLFLDLAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id	446	SpyM6JRS4 RS01695 WP 002985850.1	MIPVV	IEQTSRGERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLFLDLAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id	445	SPYM3 RS01720 WP 002985850.1	MIPVV	IEQTSRGERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLFLDLAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id	376	SMU RS07595 WP 255262720.1	MELKEKYS	MIPVVIEQTSRGERSYDIYSRLKDRIMLTGPVEDNMANSIIAQLFLDLAQDNTKDIYLYINSPGGSVSAG	80
NTDB id	1223	Cj0192c YP 002343650.1	MFIPV	YVIEKSSRGRSYDIYSRLKDRIMLTSGETHDELAAASIVAQLLFLEAEDPTKDIYLYINSPGGVITSG	73
NTDB id	111499	A16 RS13770 WP 000991625.1	MNAIP	YVVEQTKLGRSYDIYSRLKDRIVITGSEINDQVAASSVVAQLLFLEAEDAEDIKFLYNISPGGSTTAG	74
NTDB id	86	BSU 34540 NP 391334.1	MNLIPT	VIEQTNRGERAYDIYSRLKDRIMLTGSAIDDNVANSIVSQLLFLAEADPEKEISLYINSPGGSTITAG	74
consensus					** * * * * ** * * * * *

[illegible]

NTDB id 602 KW2 RS03060 WP 011834647.1	ILADNSNRSL	EQTHKDAERD	HWMDAKETLEYGFIDEIMENNSL	199
NTDB id 611 V4T04 RS07970 WP 003129593.1	ILADNSNRSL	EQTHKDAERD	HWMDAKETLEYGFIDEIMENNSL	199
NTDB id 330 STU RS11365 WP 002949732.1	ILADNSGQP	IEKVHVD	DAERDNWMSAQETLEYGFIDEIMTNNQL	196
NTDB id 298 STER RS01925 WP 002949732.1	ILADNSGQP	IEKVHVD	DAERDNWMSAQETLEYGFIDEIMTNNQL	196
NTDB id 282 KZH43 RS03215 WP 000613477.1	ILAE NSGQ	SMEKVHAD	DAERDNWMSAQETLEYGFIDEIMANNSL	196
NTDB id 246 SPD RS03495 WP 000613477.1	ILAE NSGQ	SMEKVHAD	DAERDNWMSAQETLEYGFIDEIMANNSL	196
NTDB id 244 SPR RS03300 WP 000613477.1	ILAE NSGQ	SMEKVHAD	DAERDNWMSAQETLEYGFIDEIMANNSL	196
NTDB id 242 SP RS03655 WP 000613477.1	ILAE NSGQ	SMEKVHAD	DAERDNWMSAQETLEYGFIDEIMANNSL	196
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1	ILAQNA	GKTIKQTHKDAERD	YWMSAEETLAYGFIDEIMENNEL	196
NTDB id 445 SPYM3 RS01720 WP 002985850.1	ILAQNA	GKTIKQTHKDAERD	YWMSAEETLAYGFIDEIMENNEL	196
NTDB id 376 SMU RS07595 WP 255262720.1	ILSDNSG	KTIKQTHKDAERD	YWMDAKETLKYGFIDEIMENNEL	204
NTDB id 1223 Cj0192c YP 002343650.1	ILAKNT	KQKVAKIAKD	TERDFEMSQAQEAKEYGLIDKVL	194
NTDB id 111499 A16 RS13770 WP 000991625.1	MTAEK	TGQPIERV	AHDTERDYFMTAEAAKAYGI	193
NTDB id 86 BSU 34540 NP 391334.1	VLAERT	TGQPLEVIER	TDTRDNFKSAEEALEYGLIDKIL	197
consensus	*****	*****	*****	

 non conserved
 similar
 $\geq 50\%$ conserved