

NTDB id 129636	LG36	RS03355	WP 003129593.1	MGYL	VPTVIEQSSRGERAYDIYSRLLKDRIIMLTGPVED	GMANSTIAQLFLDLAQDNTKDIYLYVNTPGGSVSAG	75
NTDB id 611	V4T04	RS07970	WP 003129593.1	MGYL	VPTVIEQSSRGERAYDIYSRLLKDRIIMLTGPVED	GMANSTIAQLFLDLAQDNTKDIYLYVNTPGGSVSAG	75
NTDB id 602	KW2	RS03060	WP 011834647.1	MGYL	VPTVIEQSSRGERAYDIYSRLLKDRIIMLTGPVED	GMANSTIAQLFLDLAQDNTKDIYLYVNTPGGSVSAG	75
NTDB id 330	STU	RS11365	WP 002949732.1		MIPVVIEQTSRGRERSYDIYSRLLKDRIIMLTGPIEDNMANS	IAQLFLDLAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 298	STER	RS01925	WP 002949732.1		MIPVVIEQTSRGRERSYDIYSRLLKDRIIMLTGPIEDNMANS	IAQLFLDLAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 282	KZH43	RS03215	WP 000613477.1		MIPVVIEQTSRGRERSYDIYSRLLKDRIIMLTGPVEDNMANS	VIAQLFLDLAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id 246	SPD	RS03495	WP 000613477.1		MIPVVIEQTSRGRERSYDIYSRLLKDRIIMLTGPVEDNMANS	VIAQLFLDLAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id 244	SPR	RS03300	WP 000613477.1		MIPVVIEQTSRGRERSYDIYSRLLKDRIIMLTGPVEDNMANS	VIAQLFLDLAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id 242	SP	RS03655	WP 000613477.1		MIPVVIEQTSRGRERSYDIYSRLLKDRIIMLTGPVEDNMANS	VIAQLFLDLAQDSTKDIYLYVNTPGGSVSAG	72
NTDB id 376	SMU	RS07595	WP 255262720.1	MELKEKYS	MIPVVIEQTSRGRERSYDIYSRLLKDRIIMLTGPVEDNMANS	IAQLFLDLAQDNTKDIYLYINSPPGSVSAG	80
NTDB id 446	SpyM6JRS4	RS01695	WP 002985850.1		MIPVVIEQTSRGRERSYDIYSRLLKDRIIMLTGPVEDNMANS	VIAQLFLDLAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 445	SPYM3	RS01720	WP 002985850.1		MIPVVIEQTSRGRERSYDIYSRLLKDRIIMLTGPVEDNMANS	VIAQLFLDLAQDNTKDIYLYVNTPGGSVSAG	72
NTDB id 1223	Cj0192c	YP 002343650.1		MFIPYVIEKSSRGRERSYDIYSRLLKDRIIMLTGSEIHDELAASI	VIAQLFLAEEDPTKDIYLYINSPPGVITS	73	
NTDB id 86	BSU	34540	NP 391334.1	MNL	IPTVIEQTNRGERAYDIYSRLLKDRIIMLTGSAIDNVANSI	VSQLFLAEDEPEKESLYINSPPGSITAG	74
consensus				***	* * * * *	* * * * *	

[illegible]

NTDB id 129636 LG36 RS03355 WP 003129593.1	ILADNSNRSL	EQIHKDAERD	HWM	DAKETLEYGFIDEIMENNS	SLK	199
NTDB id 611 V4T04 RS07970 WP 003129593.1	ILADNSNRSL	EQIHKDAERD	HWM	DAKETLEYGFIDEIMENNS	SLK	199
NTDB id 602 KW2 RS03060 WP 011834647.1	ILADNSNRSL	EQIHKDAERD	HWM	DAKETLEYGFIDEIMENNS	SLK	199
NTDB id 330 STU RS11365 WP 002949732.1	ILADNSGQPI	IEKVHVDAERD	NWMSA	QETLEYGFIDEIMTNN	QLK	196
NTDB id 298 STER RS01925 WP 002949732.1	ILADNSGQPI	IEKVHVDAERD	NWMSA	QETLEYGFIDEIMTNN	QLK	196
NTDB id 282 KZH43 RS03215 WP 000613477.1	ILAENSGQSM	EKVHADAERD	NWMSA	QETLEYGFIDEIMANNS	SLN	196
NTDB id 246 SPD RS03495 WP 000613477.1	ILAENSGQSM	EKVHADAERD	NWMSA	QETLEYGFIDEIMANNS	SLN	196
NTDB id 244 SPR RS03300 WP 000613477.1	ILAENSGQSM	EKVHADAERD	NWMSA	QETLEYGFIDEIMANNS	SLN	196
NTDB id 242 SP RS03655 WP 000613477.1	ILAENSGQSM	EKVHADAERD	NWMSA	QETLEYGFIDEIMANNS	SLN	196
NTDB id 376 SMU RS07595 WP 255262720.1	ILSDNSGKTI	IKHKAERDY	WMDA	KETLKYGFIDEIMENNEL	KLK	204
NTDB id 446 SpyM6JRS4 RS01695 WP 002985850.1	ILAQNAGKTI	IKHKAERDY	WMSAE	ETLAYGFIDEIMENNEL	KLK	196
NTDB id 445 SPYM3 RS01720 WP 002985850.1	ILAQNAGKTI	IKHKAERDY	WMSAE	ETLAYGFIDEIMENNEL	KLK	196
NTDB id 1223 Cj0192c YP 002343650.1	ILAAINTKK	QKVAIAK	DTERDF	FMSAQEAK	EYGLIDK	VLEKSF
NTDB id 86 BSU 34540 NP 391334.1	VLAERTGQ	PLEVIER	DTDRDN	FKSAEEA	EYGLIDK	ILTHTEDK
consensus	*	!	!	!	!	!

 non conserved
 similar
 $\geq 50\%$ conserved