

NTDB id 602	KW2 RS03060 WP 011834647.1	MGYL	VPTVIEQSSRGERAYDIYSRLKDRIMLTGPVEDGMANS	IIAQLFLFLDAQDN	TKDIIYLYVNTPGGSVSAG	75
NTDB id 611	V4T04 RS07970 WP 003129593.1	MGYL	VPTVIEQSSRGERAYDIYSRLKDRIMLTGPVEDGMANS	IIAQLFLFLDAQDN	TKDIIYLYVNTPGGSVSAG	75
NTDB id 330	STU RS11365 WP 002949732.1		MIPVVIEQTSRGRERSYDIYSRLKDRIMLTGPTIEDNMANS	IIAQLFLFLDAQDN	TKDIIYLYVNTPGGSVSAG	72
NTDB id 298	STER RS01925 WP 002949732.1		MIPVVIEQTSRGRERSYDIYSRLKDRIMLTGPTIEDNMANS	IIAQLFLFLDAQDN	TKDIIYLYVNTPGGSVSAG	72
NTDB id 282	KZH43 RS03215 WP 000613477.1		MIPVVIEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANS	VIAQLFLFLDAQD	STKDIYLYVNTPGGSVSAG	72
NTDB id 246	SPD RS03495 WP 000613477.1		MIPVVIEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANS	VIAQLFLFLDAQD	STKDIYLYVNTPGGSVSAG	72
NTDB id 244	SPR RS03300 WP 000613477.1		MIPVVIEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANS	VIAQLFLFLDAQD	STKDIYLYVNTPGGSVSAG	72
NTDB id 242	SP RS03655 WP 000613477.1		MIPVVIEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANS	VIAQLFLFLDAQD	STKDIYLYVNTPGGSVSAG	72
NTDB id 446	SpyM6JRS4 RS01695 WP 002985850.1		MIPVVIEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANS	VIAQLFLFLDAQD	TKDIIYLYVNTPGGSVSAG	72
NTDB id 445	SPYM3 RS01720 WP 002985850.1		MIPVVIEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANS	VIAQLFLFLDAQD	TKDIIYLYVNTPGGSVSAG	72
NTDB id 376	SMU RS07595 WP 255262720.1	MELKEKYS	MIPVVIEQTSRGRERSYDIYSRLKDRIMLTGPVEDNMANS	IIAQLFLFLDAQDN	TKDIIYLYINSPGGSVSAG	80
NTDB id 1223	Cj0192c YP 002343650.1	MFIP	YVIEKSSRGRERSYDIYSRLKDRIMLTGSETHDELAAS	IVAQLFLFLAEDP	TKDIIYLYINSPGGVITSG	73
NTDB id 112484	BTK RS16045 WP 000991610.1	MNA	IPYVVEQTKLGRERSYDIYSRLKDRIMLTGSEINDQVASS	VVAQLFLFLAEDA	EKDIFLYINSPGGSTITAG	74
NTDB id 86	BSU 34540 NP 391334.1	MNL	IPTVIEQTNRGERAYDIYSRLKDRIMLTGSAIDDNVANS	IVSQQLLFLAADA	PEKEISLYINSPGGSTITAG	74
consensus			*****			

[illegible]

NTDB id	602	KW2	RS03060	WP	011834647.1	ILADNSNRSL	EQT	HKDAERD	HWM	DAKETLEYGFIDEIMENN	SLK.	199
NTDB id	611	V4T04	RS07970	WP	003129593.1	ILADNSNRSL	EQT	HKDAERD	HWM	DAKETLEYGFIDEIMENN	SLK.	199
NTDB id	330	STU	RS11365	WP	002949732.1	ILADNSGGP	TEKVH	VD AERN	NWMSA	QETLEYGFIDEIMTN	NQLK.	196
NTDB id	298	STER	RS01925	WP	002949732.1	ILADNSGGP	TEKVH	VD AERN	NWMSA	QETLEYGFIDEIMTN	NQLK.	196
NTDB id	282	KZH43	RS03215	WP	000613477.1	ILAENSGG	SMEKVH	ADAERN	NWMSA	QETLEYGFIDEIMANN	SLN.	196
NTDB id	246	SPD	RS03495	WP	000613477.1	ILAENSGG	SMEKVH	ADAERN	NWMSA	QETLEYGFIDEIMANN	SLN.	196
NTDB id	244	SPR	RS03300	WP	000613477.1	ILAENSGG	SMEKVH	ADAERN	NWMSA	QETLEYGFIDEIMANN	SLN.	196
NTDB id	242	SP	RS03655	WP	000613477.1	ILAENSGG	SMEKVH	ADAERN	NWMSA	QETLEYGFIDEIMANN	SLN.	196
NTDB id	446	SpyM6JRS4	RS01695	WP	002985850.1	ILAQNA	GKTIKQ	IHKDAERY	WMSAE	ETLAYGFIDEIMENN	NELK.	196
NTDB id	445	SPYM3	RS01720	WP	002985850.1	ILAQNA	GKTIKQ	IHKDAERY	WMSAE	ETLAYGFIDEIMENN	NELK.	196
NTDB id	376	SMU	RS07595	WP	255262720.1	ILSDNSG	KTIKQ	IHKDAERY	WMDAK	ETLKYGFIDEIMENN	NELK.	204
NTDB id	1223	Cj0192c	YP	002343650.1	ILAKNT	KQKVAKI	AKDTERD	FEMSAQE	AKEYGLIDK	VLEKSFK..	194	
NTDB id	112484	BTK	RS16045	WP	000991610.1	MIAEKT	TGQP	LERV	AHTDERDY	FMTAE	EAKAYGI	VDDVVTKK... 193
NTDB id	86	BSU	34540	NP	391334.1	VLAERT	TGQPLE	VIERD	TD RDNF	KSAEEA	LEYGLIDK	ILTHTEDKK 197
consensus						***~**~**~**~**~*	*~*~*~*~*~*~*~*	!~*~*~*~*~*~*~!	!~*~*~*~*~*~*~!	!~*~*~*~*~*~*~!	!~*~*~*~*~*~*~!	

 non conserved
 similar
 $\geq 50\%$ conserved