

NTDB id	602 KW2 RS03060 WP 011834647.1	MGYL	VPTVIEQSSRGERAYDIYSRLKDRIIIMLTGVPEDGMANS	I	IAQLFLDAQDNTKDIIYLVNTPGGSVSAG	75
NTDB id	611 V4T04 RS07970 WP 003129593.1	MGYL	VPTVIEQSSRGERAYDIYSRLKDRIIIMLTGVPEDGMANS	I	IAQLFLDAQDNTKDIIYLVNTPGGSVSAG	75
NTDB id	330 STU RS11365 WP 002949732.1	MIP	VVEIQTSRGERSYDIYSRLKDRIIIMLTGPTEEDNMANS	I	IAQLFLDAQDNTKDIIYLVNTPGGSVSAG	72
NTDB id	298 STER RS01925 WP 002949732.1	MIP	VVEIQTSRGERSYDIYSRLKDRIIIMLTGPTEEDNMANS	I	IAQLFLDAQDNTKDIIYLVNTPGGSVSAG	72
NTDB id	282 KZH43 RS03215 WP 000613477.1	MIP	VVEIQTSRGERSYDIYSRLKDRIIIMLTGVPEDNMANS	V	IAQLFLDAQDS TKDIIYLVNTPGGSVSAG	72
NTDB id	246 SPD RS03495 WP 000613477.1	MIP	VVEIQTSRGERSYDIYSRLKDRIIIMLTGVPEDNMANS	V	IAQLFLDAQDS TKDIIYLVNTPGGSVSAG	72
NTDB id	244 SPR RS03300 WP 000613477.1	MIP	VVEIQTSRGERSYDIYSRLKDRIIIMLTGVPEDNMANS	V	IAQLFLDAQDS TKDIIYLVNTPGGSVSAG	72
NTDB id	242 SP RS03655 WP 000613477.1	MIP	VVEIQTSRGERSYDIYSRLKDRIIIMLTGVPEDNMANS	V	IAQLFLDAQDS TKDIIYLVNTPGGSVSAG	72
NTDB id	376 SMU RS07595 WP 255262720.1	MELKEKYSL	MIPVVIEQTSRGERSYDIYSRLKDRIIIMLTGVPEDNMANS	I	IAQLFLDAQDNTKDIIYLYINSPGGSVSAG	80
NTDB id	446 SpyM6JRS4 RS01695 WP 002985850.1	MIP	VVEIQTSRGERSYDIYSRLKDRIIIMLTGVPEDNMANS	V	IAQLFLDAQDNTKDIIYLVNTPGGSVSAG	72
NTDB id	445 SPYM3 RS01720 WP 002985850.1	MIP	VVEIQTSRGERSYDIYSRLKDRIIIMLTGVPEDNMANS	V	IAQLFLDAQDNTKDIIYLVNTPGGSVSAG	72
NTDB id	259157 CXG95 RS00815 WP 003185937.1	MNT	IPYVIEKTAAAGERSYDIFSRLKDRIIMGSEFNDDLANRV	T	AQLLFLSAEDNEKDISIYINSPGGSTISAG	74
NTDB id	86 BSU 34540 NP 391334.1	MNL	IPTVIEQTNRGERAYDIYSRLKDRIIIMLGSAIDDNVANVS	I	SQLLFLAEEDEPEKEISLYINSPGGSTITAG	74
NTDB id	1223 Cj0192c YP 002343650.1	MF	IPYVIEKSSRGRSYDIYSRLKDRIIIMLSGEIHDELAAAS	I	VQAQLLFLEAEDEPTKDIIYLYINSPGGVITSG	73
consensus						**!*!*****!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!*!*****!***!!**!

[illegible]

NTDB id	602	KW2	RS03060	WP	011834647.1	ILADNSNRSL E QIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id	611	V4T04	RS07970	WP	003129593.1	ILADNSNRSL E QIHKDAERDHWMDAKETLEYGFIDEIMENNSLK.	199
NTDB id	330	STU	RS11365	WP	002949732.1	ILADNSGQP I EKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK.	196
NTDB id	298	STER	RS01925	WP	002949732.1	ILADNSGQP I EKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK.	196
NTDB id	282	KZH43	RS03215	WP	000613477.1	ILAENS G QSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	246	SPD	RS03495	WP	000613477.1	ILAENS G QSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	244	SPR	RS03300	WP	000613477.1	ILAENS G QSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	242	SP	RS03655	WP	000613477.1	ILAENS G QSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id	376	SMU	RS07595	WP	255262720.1	ILSDNSGKTIK I KQIHKDAERDYWMDAKETLKYGFIDEIMENNELK.	204
NTDB id	446	SpyM6JRS4	RS01695	WP	002985850.1	ILAQNAGKT I KQIHKDAERDYWMSAEETLAYGFIDEIMENNELK.	196
NTDB id	445	SPYM3	RS01720	WP	002985850.1	ILAQNAGKT I KQIHKDAERDYWMSAEETLAYGFIDEIMENNELK.	196
NTDB id	259157	CXG95	RS00815	WP	003185937.1	FFHERTGQP I EKLKADMERYFMDADEAKAYGVIDAVL.....	190
NTDB id	86	BSU	34540	NP	391334.1	VLAERTIGQPLEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK	197
NTDB id	1223	Cj0192c	YP	002343650.1	ILAKNTIKQKVAKIAKDTERDFEWSAQEAKEYGLIDKVLEKSFK..	194	
consensus						* * * * *	

 non conserved
 similar
 $\geq 50\%$ conserved