

NTDB id 602	KW2 RS03060 WP 011834647.1	MGYL	VPTVIEQSSRGERAYDIYSRLKDR	IIMLTG	TPVEDGMANSIIAQLFLDAQDN	TKDIYLYVNT	PGGSVSAG	75		
NTDB id 611	V4T04 RS07970 WP 003129593.1	MGYL	VPTVIEQSSRGERAYDIYSRLKDR	IIMLTG	TPVEDGMANSIIAQLFLDAQDN	TKDIYLYVNT	PGGSVSAG	75		
NTDB id 330	STU RS11365 WP 002949732.1		MIPVVIEQTSR	GERSYDIYSRLKDR	IIMLTG	TIEDNMANSIIAQLFLDAQDN	TKDIYLYVNT	PGGSVSAG	72	
NTDB id 298	STER RS01925 WP 002949732.1		MIPVVIEQTSR	GERSYDIYSRLKDR	IIMLTG	TIEDNMANSIIAQLFLDAQDN	TKDIYLYVNT	PGGSVSAG	72	
NTDB id 282	KZH43 RS03215 WP 000613477.1		MIPVVIEQTSR	GERSYDIYSRLKDR	IIMLTG	TPVEDNMANS	VIAQLFLDAQDS	TKDIYLYVNT	PGGSVSAG	72
NTDB id 246	SPD RS03495 WP 000613477.1		MIPVVIEQTSR	GERSYDIYSRLKDR	IIMLTG	TPVEDNMANS	VIAQLFLDAQDS	TKDIYLYVNT	PGGSVSAG	72
NTDB id 244	SPR RS03300 WP 000613477.1		MIPVVIEQTSR	GERSYDIYSRLKDR	IIMLTG	TPVEDNMANS	VIAQLFLDAQDS	TKDIYLYVNT	PGGSVSAG	72
NTDB id 242	SP RS03655 WP 000613477.1		MIPVVIEQTSR	GERSYDIYSRLKDR	IIMLTG	TPVEDNMANS	VIAQLFLDAQDS	TKDIYLYVNT	PGGSVSAG	72
NTDB id 446	SpyM6JRS4 RS01695 WP 002985850.1		MIPVVIEQTSR	GERSYDIYSRLKDR	IIMLTG	TPVEDNMANS	VIAQLFLDAQDN	TKDIYLYVNT	PGGSVSAG	72
NTDB id 445	SPYM3 RS01720 WP 002985850.1		MIPVVIEQTSR	GERSYDIYSRLKDR	IIMLTG	TPVEDNMANS	VIAQLFLDAQDN	TKDIYLYVNT	PGGSVSAG	72
NTDB id 376	SMU RS07595 WP 255262720.1	MELKEKYS	MIPVVIEQTSR	GERSYDIYSRLKDR	IIMLTG	TPVEDNMANS	IIAQLFLDAQDN	TKDIYLY	INSPGGSVSAG	80
NTDB id 234827	CD084 RS16755 WP 014665471.1	MNL	IPTVIEQTN	RGERAYDIYSRLKDR	IIMLGSA	IDDNVANS	IVSQLLFLAAEDPEKEISLY	INSPGG	ITAG	74
NTDB id 86	BSU 34540 NP 391334.1	MNL	IPTVIEQTN	RGERAYDIYSRLKDR	IIMLGSA	IDDNVANS	IVSQLLFLAAEDPEKEISLY	INSPGG	ITAG	74
NTDB id 1223	Cj0192c YP 002343650.1	MF	IPYVIEKSSR	GERSYDIYSRLKDR	IIMLSGEIH	DELAAS	IVAQLFLLEADPT	TKDIYLY	INSPGGVITSG	73
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	ILAENSQGSMSEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 246 SPD RS03495 WP 000613477.1	ILAENSQGSMSEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 244 SPR RS03300 WP 000613477.1	ILAENSQGSMSEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN.	196
NTDB id 242 SP RS03655 WP 000613477.1	ILAENSQGSMSEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN.	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 234827 CDO84 RS16755 WP 014665471.1	VLAERTTGQPLEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDK.	196
NTDB id 86 BSU 34540 NP 391334.1	VLAERTTGQPLEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK	197
NTDB id 1223 Cj0192c YP 002343650.1	ILAKNITIKQKVAKIAKTDTERDFFMSAQEAKKEYGLIDKVLKSFK..	194
consensus	*!*****!!**!*!!!!!!*!!!*!!*!!*!!*!!*!!*	

 non conserved
 similar
 $\geq 50\%$ conserved