

NTDB id 602	KW2 RS03060 WP 011834647.1	MGYL	VPTVIEQSSRGERAYDIYSRL	LDRIIMLTG	PVEDGMANSIIAQLFL	DAQDNTKDIYLYVNT	PGGSVSAG	75			
NTDB id 611	V4T04 RS07970 WP 003129593.1	MGYL	VPTVIEQSSRGERAYDIYSRL	LDRIIMLTG	PVEDGMANSIIAQLFL	DAQDNTKDIYLYVNT	PGGSVSAG	75			
NTDB id 330	STU RS11365 WP 002949732.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PIEDNMANSIIAQLFL	DAQDNTKDIYLYVNT	PGGSVSAG	72		
NTDB id 298	STER RS01925 WP 002949732.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PIEDNMANSIIAQLFL	DAQDNTKDIYLYVNT	PGGSVSAG	72		
NTDB id 282	KZH43 RS03215 WP 000613477.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANS	VIAQLFLDAQDS	TKDIYLYVNT	PGGSVSAG	72	
NTDB id 246	SPD RS03495 WP 000613477.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANS	VIAQLFLDAQDS	TKDIYLYVNT	PGGSVSAG	72	
NTDB id 244	SPR RS03300 WP 000613477.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANS	VIAQLFLDAQDS	TKDIYLYVNT	PGGSVSAG	72	
NTDB id 242	SP RS03655 WP 000613477.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANS	VIAQLFLDAQDS	TKDIYLYVNT	PGGSVSAG	72	
NTDB id 446	SpyM6JRS4 RS01695 WP 002985850.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANS	VIAQLFLDAQDNTKDIYLYVNT	PGGSVSAG	72		
NTDB id 445	SPYM3 RS01720 WP 002985850.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANS	VIAQLFLDAQDNTKDIYLYVNT	PGGSVSAG	72		
NTDB id 376	SMU RS07595 WP 255262720.1	MELKEKYS	MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANSIIAQLFL	DAQDNTKDIYLY	INS	PGGSVSAG	80	
NTDB id 205786	BRL64 RS16430 WP 081124870.1	MNL	IPTVIEQTN	RGERAYDIYSRL	LDRIIMLTG	SAIDDNVANS	VSQLLFL	EAEDPEKDIS	IYINSPGGS	ITAG	74
NTDB id 86	BSU 34540 NP 391334.1	MNL	IPTVIEQTN	RGERAYDIYSRL	LDRIIMLTG	SAIDDNVANS	VSQLLFL	EAEDPEKEIS	SLYINSPGGS	ITAG	74
NTDB id 1223	Cj0192c YP 002343650.1	MF	IPYVIEKSSR	GERSYDIYSRL	LDRIIMLTG	SEIHDELAA	SIVAQLFL	EAEDPTKDIYLYIN	SPGGV	ITSG	73
consensus			*****								

[illegible]

NTDB id	602	KW2	RS03060	WP	011834647.1	ILADNSNRSL	EQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK..	199
NTDB id	611	V4T04	RS07970	WP	003129593.1	ILADNSNRSL	EQIHKDAERDHWMDAKETLEYGFIDEIMENNSLK..	199
NTDB id	330	STU	RS11365	WP	002949732.1	ILADNSGQP	IEKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK..	196
NTDB id	298	STER	RS01925	WP	002949732.1	ILADNSGQP	IEKVHVDAERDNWMSAQETLEYGFIDEIMTNQLK..	196
NTDB id	282	KZH43	RS03215	WP	000613477.1	ILAENS	GQSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	246	SPD	RS03495	WP	000613477.1	ILAENS	GQSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	244	SPR	RS03300	WP	000613477.1	ILAENS	GQSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	242	SP	RS03655	WP	000613477.1	ILAENS	GQSMEKVVHADAERDNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	446	SpyM6JRS4	RS01695	WP	002985850.1	ILAAQNAGKT	IKQIHKAERDYWMSAEETLAYGFIDEIMENNELK..	196
NTDB id	445	SPYM3	RS01720	WP	002985850.1	ILAAQNAGKT	IKQIHKAERDYWMSAEETLAYGFIDEIMENNELK..	196
NTDB id	376	SMU	RS07595	WP	255262720.1	ILSDNSGKT	IKQIHKAERDYWMDAKETLKYGFIDEIMENNELK..	204
NTDB id	205786	BRL64	RS16430	WP	081124870.1	VLAERTGGP	IDVIERDTDRDNFKTAEEALQYGLIDKVLTRNTEDQK	198
NTDB id	86	BSU	34540	NP	391334.1	VLAERTGGP	LEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK.	197
NTDB id	1223	Cj0192c	YP	002343650.1	ILAKNITKQ	KVIAKIDTERDFFMSAQAQEAKEYGLIDKVLKSFK...	194	
consensus						*!*****!	*****!*!!!!!!*	!*****!*!!!!**

 non conserved
 similar
 $\geq 50\%$ conserved