

NTDB id 602	KW2 RS03060 WP 011834647.1	MGYL	VPTVIEQSSRGERAYDIYSRL	LDRIIMLTG	PVEDGMANSIIAQLFLDAQDN	TKDIYLYVNT	PGGSVSAG	75	
NTDB id 611	V4T04 RS07970 WP 003129593.1	MGYL	VPTVIEQSSRGERAYDIYSRL	LDRIIMLTG	PVEDGMANSIIAQLFLDAQDN	TKDIYLYVNT	PGGSVSAG	75	
NTDB id 330	STU RS11365 WP 002949732.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTGPIEDNMANSIIAQLFLDAQDN	TKDIYLYVNT	PGGSVSAG	72	
NTDB id 298	STER RS01925 WP 002949732.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTGPIEDNMANSIIAQLFLDAQDN	TKDIYLYVNT	PGGSVSAG	72	
NTDB id 282	KZH43 RS03215 WP 000613477.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANSVIAQLFLDAQDS	TKDIYLYVNT	PGGSVSAG	72
NTDB id 246	SPD RS03495 WP 000613477.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANSVIAQLFLDAQDS	TKDIYLYVNT	PGGSVSAG	72
NTDB id 244	SPR RS03300 WP 000613477.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANSVIAQLFLDAQDS	TKDIYLYVNT	PGGSVSAG	72
NTDB id 242	SP RS03655 WP 000613477.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANSVIAQLFLDAQDS	TKDIYLYVNT	PGGSVSAG	72
NTDB id 446	SpyM6JRS4 RS01695 WP 002985850.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANSVIAQLFLDAQDN	TKDIYLYVNT	PGGSVSAG	72
NTDB id 445	SPYM3 RS01720 WP 002985850.1		MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANSVIAQLFLDAQDN	TKDIYLYVNT	PGGSVSAG	72
NTDB id 376	SMU RS07595 WP 255262720.1	MELKEKYS	MIPVVIEQTSR	GERSYDIYSRL	LDRIIMLTG	PVEDNMANSIIAQLFLDAQDN	TKDIYLYINS	PGGSVSAG	80
NTDB id 78689	ID12 RS01800 WP 007500118.1	MNL	IPTVIEQTNRGERAYDIYSRL	LDRIIMLTGSAID	DNVANSIVSQLLFLAEADPEKDISIYINS	PGGSITAG	74		
NTDB id 86	BSU 34540 NP 391334.1	MNL	IPTVIEQTNRGERAYDIYSRL	LDRIIMLTGSAID	DNVANSIVSQLLFLAEADPEKEISLYINS	PGGSITAG	74		
NTDB id 1223	Cj0192c YP 002343650.1	MF	IPYVIEKSSRGERSYDIYSRL	LDRIIMLTSGEIHDELAA	SIVAAQLFLAEADPTKDIYLYINS	PGGVITSG	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	ILAENSQGSMKEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	246	SPD RS03495 WP 000613477.1	ILAENSQGSMKEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	244	SPR RS03300 WP 000613477.1	ILAENSQGSMKEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN..	196
NTDB id	242	SP RS03655 WP 000613477.1	ILAENSQGSMKEKVHADAEARNWMSAQETLEYGFIDEIMANNSLN..	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	78689	ID12 RS01800 WP 007500118.1	VLAERTGGPTEVIERDTDRDNFKTAEEALQYGLIDKVLTRNTEEQK	198
NTDB id	86	BSU 34540 NP 391334.1	VLAERTGGPTEVIERDTDRDNFKSAEEALEYGLIDKILTHTEDKK.	197
NTDB id	1223	Cj0192c YP 002343650.1	ILAKNTIKQKVAKIAKDTERDFFMSAQEAKKEYGLIDKVLKSFK..	194
consensus			*!*****!****!*!!**!!!*!!!!!!*!!!!!!*!!*!!*!!*!!*	

 non conserved
 similar
 $\geq 50\%$ conserved