

logo

	MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEGEPTVIQEGEGFGSPSSGEEDPPVRMTLDFNSPE	
NTDB id 1419 SGL RS12550 WP 010873252.1	MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEGEPTVIQEGEGFGSPSSGEEDPPVRMTLDFNSPE	80
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 57654 ANS036C RS27970 WP 069073698.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

logo

	AELDALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDQLLGVDVEPAITNPGL	
NTDB id 1419 SGL RS12550 WP 010873252.1	AELDALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDQLLGVDVEPAITNPGL	160
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 57654 ANS036C RS27970 WP 069073698.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

logo

	HSFAGADRVTPLTNEVLLFAAIDDLGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPPFRLPVAMEEDEDEFKDLEA	
NTDB id 1419 SGL RS12550 WP 010873252.1	HSFAGADRVTPLTNEVLLFAAIDDLGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPPFRLPVAMEEDEDEFKDLEA	240
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 57654 ANS036C RS27970 WP 069073698.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

logo

	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSFQETMRVPIKQLDNLSNLIGELVVKRNRLREQDQERLRQFLDNLLNQAQ	
NTDB id 1419 SGL RS12550 WP 010873252.1	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSFQETMRVPIKQLDNLSNLIGELVVKRNRLREQDQERLRQFLDNLLNQAQ	320
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 57654 ANS036C RS27970 WP 069073698.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

logo

	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHHSSKTTYPDARITASSSSSTMNDQPLDALEMVDRFTGFHLLSQEMIIEILIV	
NTDB id 1419 SGL RS12550 WP 010873252.1	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHHSSKTTYPDARITASSSSSTMNDQPLDALEMVDRFTGFHLLSQEMIIEILIV	400
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 57654 ANS036C RS27970 WP 069073698.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	RVRESASDIQYLVDETDQVARTLRQVTTQLQEGMTKSRMVPFTQTADRLPRAIREVSMKLNKKVNLEVEGGDVLIDKMIL	480
NTDB id 413 AAK55817.1 141..845()	RVRESASDIQYLVDETDQVARTLRQVTTQLQEGMTKSRMVPFTQTADRLPRAIREVSMKLNKKVNLEVEGGDVLIDKMIL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 57654 ANS036C RS27970 WP 069073698.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	EHLYNPMTHLVNNAITHGIIETPAERQKLCKSPEGHLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS	560
NTDB id 413 AAK55817.1 141..845()	EHLYNPMTHLVNNAITHGIIETPAERQKLCKSPEGHLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 57654 ANS036C RS27970 WP 069073698.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	LSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVRTSLIDIRGAINIESTVKGTTFTIRLPLTLSICKALCCLSDRARI	640
NTDB id 413 AAK55817.1 141..845()	LSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVRTSLIDIRGAINIESTVKGTTFTIRLPLTLSICKALCCLSDRARI	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 57654 ANS036C RS27970 WP 069073698.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	AFPMDGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLLPLYPLKDLLNYNRQLSRGGSVYGGKQEEDVVRVIIARGSSGNLL	720
NTDB id 413 AAK55817.1 141..845()	AFPMDGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLLPLYPLKDLLNYNRQLSRGGSVYGGKQEEDVVRVIIARGSSGNLL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 57654 ANS036C RS27970 WP 069073698.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

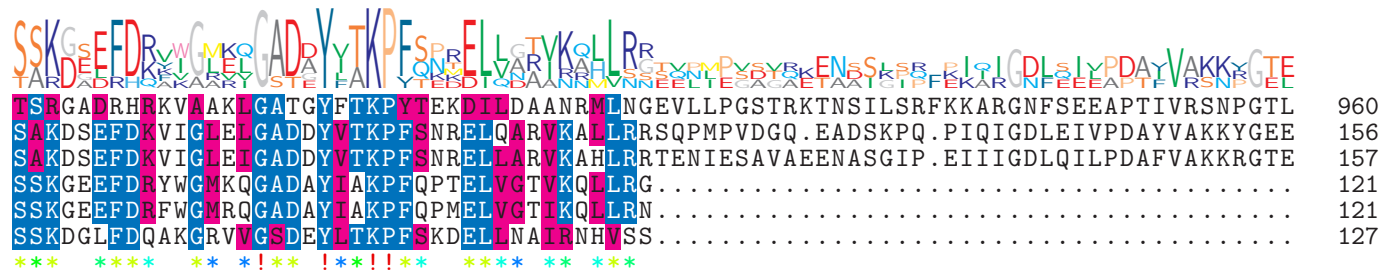
logo

NTDB id 1419 SGL RS12550 WP 010873252.1	ALQIDQVLGEEEEIVIKQIEGPIPKPPGIAGATVRGDGSIMPIADVLELIEIAQGRRLRTDSSGGLWRKTLTPTVNEVHMDP	800
NTDB id 413 AAK55817.1 141..845()	ALQIDQVLGEEEEIVIKQIEGPIPKPPGIAGATVRGDGSIMPIADVLELIEIAQGRRLRTDSSGGLWRKTLTPTVNEVHMDP	2
NTDB id 374 SMU RS06885 WP 002262930.1	MK	2
NTDB id 57654 ANS036C RS27970 WP 069073698.1	MS	2
NTDB id 1417 SGL RS04200 WP 014407071.1	MN	2
NTDB id 1047 HON27 RS03110 WP 000389061.1	MEDAFQNL	8
consensus	MEDAFQNL*	

```
NTDB id 1419 SGL RS12550 WP 010873252.1
NTDB id 413 AAK55817.1 141..845( )
NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 57654 ANS036C RS27970 WP 069073698.1
NTDB id 1417 SGL RS04200 WP 014407071.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
consensus
```



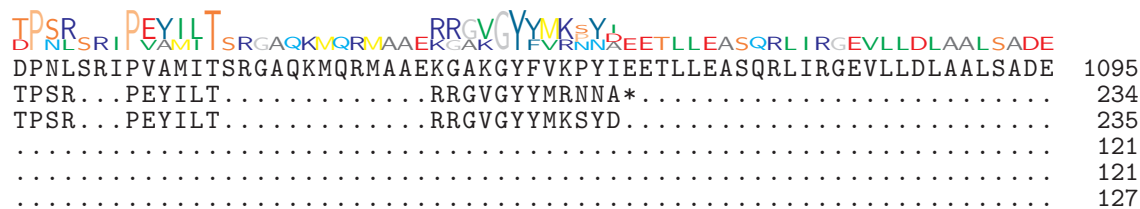
```
NTDB id 1419 SGL RS12550 WP 010873252.1
NTDB id 413 AAK55817.1 141..845( )
NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 57654 ANS036C RS27970 WP 069073698.1
NTDB id 1417 SGL RS04200 WP 014407071.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
consensus
```



```
NTDB id 1419 SGL RS12550 WP 010873252.1
NTDB id 413 AAK55817.1 141..845( )
NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 57654 ANS036C RS27970 WP 069073698.1
NTDB id 1417 SGL RS04200 WP 014407071.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
consensus
```



```
NTDB id 1419 SGL RS12550 WP 010873252.1
NTDB id 413 AAK55817.1 141..845( )
NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 57654 ANS036C RS27970 WP 069073698.1
NTDB id 1417 SGL RS04200 WP 014407071.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
consensus
```



- X non conserved
- X similar
- X >50% conserved