

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEGEPTVIQGEFGSPSSGEEDPPVRMTLDFNSPE	80
NTDB id 413 AAK55817.1 141..845()	MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEGEPTVIQGEFGSPSSGEEDPPVRMTLDFNSPE	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 363017 FD724 RS13415 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	AELDALFTDEDAPTTAIDPFESSWLEIDQMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDLLGVGDVEPAITNPGL	160
NTDB id 413 AAK55817.1 141..845()	AELDALFTDEDAPTTAIDPFESSWLEIDQMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDLLGVGDVEPAITNPGL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 363017 FD724 RS13415 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	HSFAGADRVTPLTNEVLLFAAIDDL DGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPFRLPVAMEEDEDEFKDLEA	240
NTDB id 413 AAK55817.1 141..845()	HSFAGADRVTPLTNEVLLFAAIDDL DGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPFRLPVAMEEDEDEFKDLEA	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 363017 FD724 RS13415 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	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSFQETMRVPIKQLDNLSNLIGELVVKRNRLEQDQERLRQFLDNLLNQAQ	320
NTDB id 413 AAK55817.1 141..845()	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSFQETMRVPIKQLDNLSNLIGELVVKRNRLEQDQERLRQFLDNLLNQAQ	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 363017 FD724 RS13415 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	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHHSSKTTYPDARITASSSSTMNDQPLDALEM DRFTGFHLLSQEMI ELIV	400
NTDB id 413 AAK55817.1 141..845()	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHHSSKTTYPDARITASSSSTMNDQPLDALEM DRFTGFHLLSQEMI ELIV	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 363017 FD724 RS13415 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( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 363017 FD724 RS13415 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	EHLYNPMTHLVNNAITHGIETPAERQKLGKSPGHLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS	560
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 363017 FD724 RS13415 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	LSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVRTSLIDIRGAINIESTVGKGTTFITIRLPLTLSICKALCCLSDRARI	640
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 363017 FD724 RS13415 WP 069073698.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

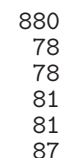
logo

NTDB id 1419 SGL RS12550 WP 010873252.1	AFPMDGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLPLYPLKDLLNYNRQLSRGSVYGGKQEEDEVVRV I IARGSSGNLL	720
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 363017 FD724 RS13415 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	ALQIDQVLGEEEEIVIKQIEGPIPKPPGIAGATVRGDGSIMPIADVLELIEIAQGRLRTDSSGGLWRKTLTPTVNEVHMDP	800
NTDB id 413 AAK55817.1 141..845( )	.....	2
NTDB id 374 SMU RS06885 WP 002262930.1	.....	2
NTDB id 363017 FD724 RS13415 WP 069073698.1	.....	2
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	2
NTDB id 1047 HON27 RS03110 WP 000389061.1	MEDAFQNL	8
consensus		

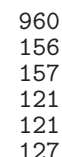
NTDB id 1419 SGL RS12550 WP 010873252.1
NTDB id 413 AAK55817.1 141..845()
NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 363017 FD724 RS13415 WP 069073698.1
NTDB id 1417 SGL RS04200 WP 014407071.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
consensus



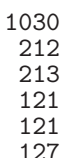
```

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 363017 FD724 RS13415 WP 069073698.1
NTDB id 1417 SGL RS04200 WP 014407071.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
consensus

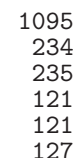
```



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 363017 FD724 RS13415 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 363017 FD724 RS13415 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