

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 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 245709 CLI64 RS12835 WP 103137596.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	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 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 245709 CLI64 RS12835 WP 103137596.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	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 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 245709 CLI64 RS12835 WP 103137596.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSF EQTMRVPIKQLDNLSNLIGELVVKRNRLEQDQERLRQFLDNLLNQAQ	320
NTDB id 413 AAK55817.1 141..845()	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSF EQTMRVPIKQLDNLSNLIGELVVKRNRLEQDQERLRQFLDNLLNQAQ	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 245709 CLI64 RS12835 WP 103137596.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHSSKTTYPDARITASSSSTMNDQPLDALEMDRFTGFHLLSQEMI ELIV	400
NTDB id 413 AAK55817.1 141..845()	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHSSKTTYPDARITASSSSTMNDQPLDALEMDRFTGFHLLSQEMI ELIV	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 245709 CLI64 RS12835 WP 103137596.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	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 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 245709 CLI64 RS12835 WP 103137596.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	EHLYNPMTHLVNNAITHGIETPAERQKLGKSPGHLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS	560
NTDB id 413 AAK55817.1 141..845()	EHLYNPMTHLVNNAITHGIETPAERQKLGKSPGHLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 245709 CLI64 RS12835 WP 103137596.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	LSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVRTSLIDIRGAINIESTVGKGTTFITIRLPLTLSICKALCCLSDRARI	640
NTDB id 413 AAK55817.1 141..845()	LSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVRTSLIDIRGAINIESTVGKGTTFITIRLPLTLSICKALCCLSDRARI	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 245709 CLI64 RS12835 WP 103137596.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	AFPMGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLPLYPLKDLLNYNRQLSRGSVYGGKQEEDVVRV I IARGSSGNLL	720
NTDB id 413 AAK55817.1 141..845()	AFPMGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLPLYPLKDLLNYNRQLSRGSVYGGKQEEDVVRV I IARGSSGNLL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 245709 CLI64 RS12835 WP 103137596.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

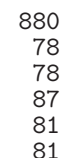
logo

NTDB id 1419 SGL RS12550 WP 010873252.1	ALQIDQVLGEEEEIVIKQIEGPIPKPPGIAGATVRGDGSI MPIADVLELIEIAQGRLRTDSSGGLWRKTLTPTVNEVHMDP	800
NTDB id 413 AAK55817.1 141..845()	ALQIDQVLGEEEEIVIKQIEGPIPKPPGIAGATVRGDGSI MPIADVLELIEIAQGRLRTDSSGGLWRKTLTPTVNEVHMDP	2
NTDB id 374 SMU RS06885 WP 002262930.1	MK	2
NTDB id 1047 HON27 RS03110 WP 000389061.1	MEDAFQNL	8
NTDB id 245709 CLI64 RS12835 WP 103137596.1	MS	2
NTDB id 1417 SGL RS04200 WP 014407071.1	MN	2
consensus	*	

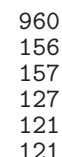
```

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 1047 HON27 RS03110 WP 000389061.1
NTDB id 245709 CLI64 RS12835 WP 103137596.1
NTDB id 1417 SGL RS04200 WP 014407071.1
consensus

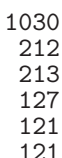
```



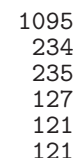
NTDB id 1419 SGL RS12550 WP 010873252.1
NTDB id 413 AAK55817.1 141..845()
NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
NTDB id 245709 CLI64 RS12835 WP 103137596.1
NTDB id 1417 SGL RS04200 WP 014407071.1
consensus



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 1047 HON27 RS03110 WP 000389061.1
NTDB id 245709 CLI64 RS12835 WP 103137596.1
NTDB id 1417 SGL RS04200 WP 014407071.1
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 1047 HON27 RS03110 WP 000389061.1
NTDB id 245709 CLI64 RS12835 WP 103137596.1
NTDB id 1417 SGL RS04200 WP 014407071.1
consensus



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