

logo

	MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEQEPTVIQGEFGSPSSGEEDPPVRMTLDFNSPEAELDA	
NTDB id 1419 SGL RS12550 WP 010873252.1	MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEQEPTVIQGEFGSPSSGEEDPPVRMTLDFNSPEAELDA	85
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54443 ANA RS17895 WP 015081426.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

	LFTDEDAPTTAIDPFESSSWLEIDQVMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDQLLVGDVEPAITNPGHLHSFAGADRVT	
NTDB id 1419 SGL RS12550 WP 010873252.1	LFTDEDAPTTAIDPFESSSWLEIDQVMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDQLLVGDVEPAITNPGHLHSFAGADRVT	170
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54443 ANA RS17895 WP 015081426.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

	PLTNEVLLFAAIDDL DGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPFRLPVAMEEDEDEFKDL EALLEQADSSLGGGIAG	
NTDB id 1419 SGL RS12550 WP 010873252.1	PLTNEVLLFAAIDDL DGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPFRLPVAMEEDEDEFKDL EALLEQADSSLGGGIAG	255
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54443 ANA RS17895 WP 015081426.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

	MGGARLPARPRQVKSRSFEQTM RVP I KQLDNLSNLI GELVVKRNRLEQDQERLRQFLDNLLNQAQNLSDVGGRMQDLYERTLLEG	
NTDB id 1419 SGL RS12550 WP 010873252.1	MGGARLPARPRQVKSRSFEQTM RVP I KQLDNLSNLI GELVVKRNRLEQDQERLRQFLDNLLNQAQNLSDVGGRMQDLYERTLLEG	340
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54443 ANA RS17895 WP 015081426.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

	ALLASRSTNSRHSSKTTYPDARITASSSSTMNDQPLDALEMDRFTGFHLLSQEMI ELIVRVRESASDIQYLVDETDQVARTLRQ	
NTDB id 1419 SGL RS12550 WP 010873252.1	ALLASRSTNSRHSSKTTYPDARITASSSSTMNDQPLDALEMDRFTGFHLLSQEMI ELIVRVRESASDIQYLVDETDQVARTLRQ	425
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54443 ANA RS17895 WP 015081426.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	VTTQLQEGMTKSRMVPFTQTADRLPRAIREVSMKLNKKVNLEVEGGDVLIDKMI LEHLYNPMTHLVNNAITHG IETPAERQKLGK	510
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54443 ANA RS17895 WP 015081426.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	SPEGHLAVRAFLQGNQTLITVSDDGAGINTEVMKQKAVEKGLISRMEAQSLSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVR	595
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54443 ANA RS17895 WP 015081426.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	TSLIDIRGAINIESTVGKGTTFITIRLPLTLSICKALCCLSDRARIAFPMDGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLPLY	680
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54443 ANA RS17895 WP 015081426.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

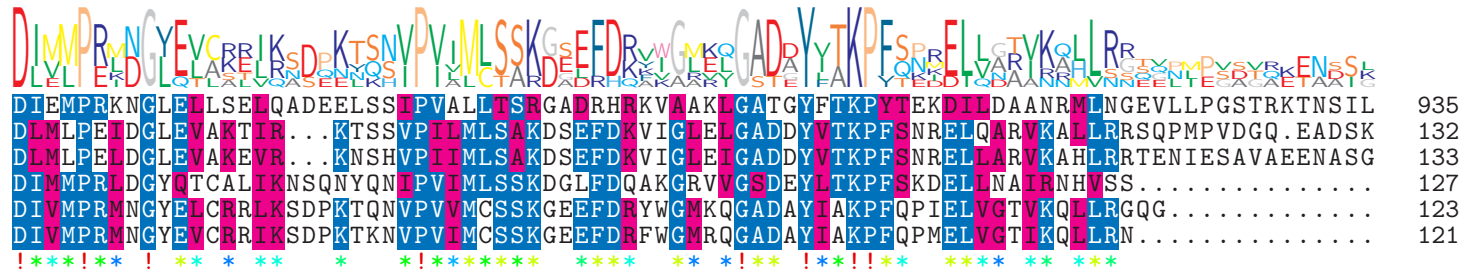
NTDB id 1419 SGL RS12550 WP 010873252.1	PLKDLLNRYNRQLSRGVSYGKQEEEDVVRVVIARGSSGNLLALQIDQVLGEEEIVIKQIEGPIPKPPGIAGATVRGDGSIMPIADV	765
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54443 ANA RS17895 WP 015081426.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	LELIEIAQGRRLRTDSSGGLWRKTLTPTVNEVHMDPTLVIVDDSIIVRELISLFFKAGFRVEQARDGQEAWDQIKSGLPCDLVFC	850
NTDB id 413 AAK55817.1 141..845( )	.....	51
NTDB id 374 SMU RS06885 WP 002262930.1	.....	51
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....MEDAFQNLKVMVDDSKTIRRTAETLLQREGCEVITAVDGFALSKIAEA.NPDLIVFV	57
NTDB id 54443 ANA RS17895 WP 015081426.1	.....MSTLIVEDSIVQREMMTDLLKASGLEVTHASDGAEALEAIAHKA.PPDLVVL	51
NTDB id 1417 SGL RS04200 WP 014407071.1	.....MNAVLVEDSSSQREMISSGILKDHGQQVTIACDGEALEKIQNF.SPDLVVL	51
consensus* ** ** ** ! * * * * * * * ! * * * * * ! * ! * ! * * * * * * ! * * * * *	

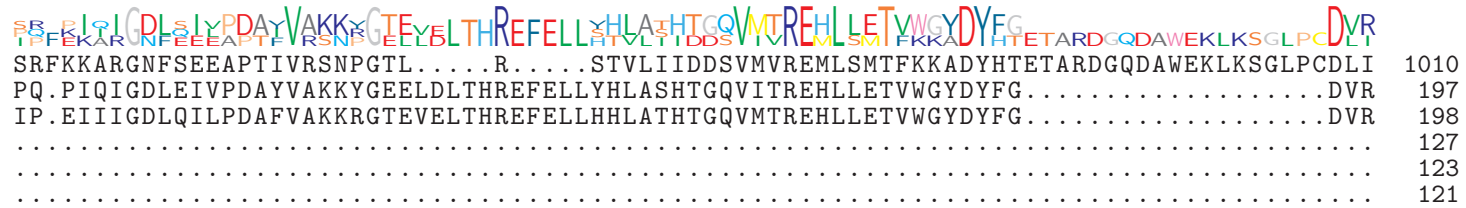
logo

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 54443 ANA RS17895 WP 015081426.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 consensus



logo

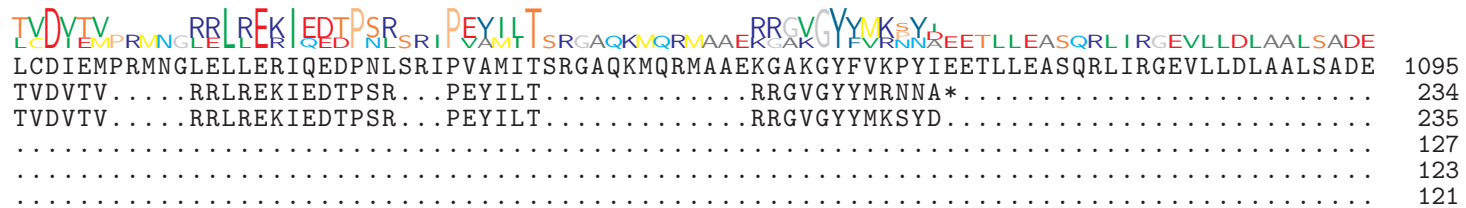
NTDB id 1419 SGL RS12550 WP 010873252.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 NTDB id 54443 ANA RS17895 WP 015081426.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 consensus



<0

logo

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 54443 ANA RS17895 WP 015081426.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 consensus



non conserved
 similar
 ≥ 50% conserved