

logo

NTDB id 413 AAK55817.1 141..845()	MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEGEPTVIQGEFGSPSSGEEDPPVRMTLDFNSPE	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEGEPTVIQGEFGSPSSGEEDPPVRMTLDFNSPE	80
NTDB id 35915 CAL6303 RS16835 WP 015199018.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	AELDALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDQLLGVDVEPAITNPGL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	AELDALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDQLLGVDVEPAITNPGL	160
NTDB id 35915 CAL6303 RS16835 WP 015199018.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	HSFAGADRVTPLTNEVLLFAAIDDL DGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPFRLPVAMEEDEDEFKDLEA	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	HSFAGADRVTPLTNEVLLFAAIDDL DGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPFRLPVAMEEDEDEFKDLEA	240
NTDB id 35915 CAL6303 RS16835 WP 015199018.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

logo

NTDB id 413 AAK55817.1 141..845()	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSF EQTMRVPIKQLDNLSNLIGELVVKRNRL EQDQERLRQFLDNLLNQAQ	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSF EQTMRVPIKQLDNLSNLIGELVVKRNRL EQDQERLRQFLDNLLNQAQ	320
NTDB id 35915 CAL6303 RS16835 WP 015199018.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHHSSKTTYPDARITASSSSTMNDQPLDALEM DRFTGFHLLSQEMI E L I V	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHHSSKTTYPDARITASSSSTMNDQPLDALEM DRFTGFHLLSQEMI E L I V	400
NTDB id 35915 CAL6303 RS16835 WP 015199018.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	RVRESASDIQYLVDETDQVARTLRQVTTQLQEGMTKSRMVPFTQTADRLPRAIREVSMKLNKKVNLEVEGGDVLIDKMIL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	RVRESASDIQYLVDETDQVARTLRQVTTQLQEGMTKSRMVPFTQTADRLPRAIREVSMKLNKKVNLEVEGGDVLIDKMIL	480
NTDB id 35915 CAL6303 RS16835 WP 015199018.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	EHLYNPMTHLVNNAITHGIEPTAERQKLCKSPEGHLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	EHLYNPMTHLVNNAITHGIEPTAERQKLCKSPEGHLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS	560
NTDB id 35915 CAL6303 RS16835 WP 015199018.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	LSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVRTSLIDIRGAINIESTVCKGTTFTIRLPLTLSICKALCCLSDRARI	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	LSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVRTSLIDIRGAINIESTVCKGTTFTIRLPLTLSICKALCCLSDRARI	640
NTDB id 35915 CAL6303 RS16835 WP 015199018.1		0
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consensus		

logo

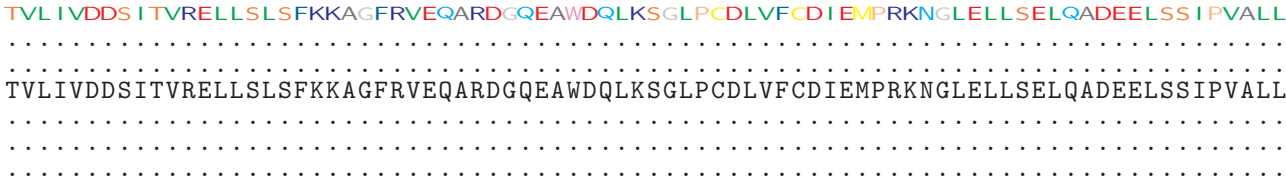
NTDB id 413 AAK55817.1 141..845()	AFPMDGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLPLYPKDLLNYNRQLSRGGSVYGKQEEDVVRVVIARGSSGNLL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	AFPMDGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLPLYPKDLLNYNRQLSRGGSVYGKQEEDVVRVVIARGSSGNLL	720
NTDB id 35915 CAL6303 RS16835 WP 015199018.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

logo

NTDB id 413 AAK55817.1 141..845()	ALQIDQVLGEEEIVIKQIEGPIPKPPGIAGATVRGDGSIMPIADVLELIEIAQGRLRTDSSGGLWRKTLTPTVNEVHMDP	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	ALQIDQVLGEEEIVIKQIEGPIPKPPGIAGATVRGDGSIMPIADVLELIEIAQGRLRTDSSGGLWRKTLTPTVNEVHMDP	800
NTDB id 35915 CAL6303 RS16835 WP 015199018.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

logo

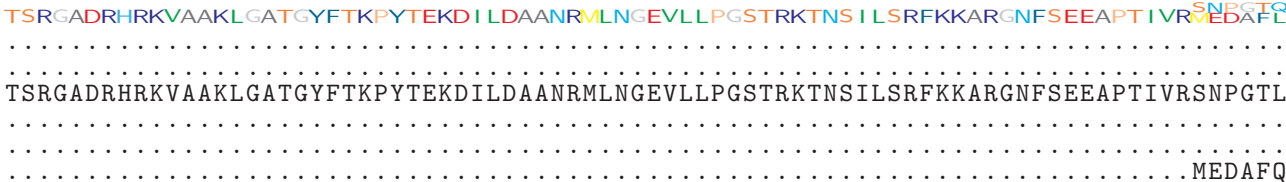
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NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 1419 SGL RS12550 WP 010873252.1
NTDB id 35915 CAL6303 RS16835 WP 015199018.1
NTDB id 1417 SGL RS04200 WP 014407071.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
consensus



0
0
880
0
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logo

NTDB id 413 AAK55817.1 141..845()
NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 1419 SGL RS12550 WP 010873252.1
NTDB id 35915 CAL6303 RS16835 WP 015199018.1
NTDB id 1417 SGL RS04200 WP 014407071.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
consensus



0
0
960
0
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6

logo

NTDB id 413 AAK55817.1 141..845()
NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 1419 SGL RS12550 WP 010873252.1
NTDB id 35915 CAL6303 RS16835 WP 015199018.1
NTDB id 1417 SGL RS04200 WP 014407071.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
consensus



76
76
1040
79
79
85

logo

NTDB id 413 AAK55817.1 141..845()
NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 1419 SGL RS12550 WP 010873252.1
NTDB id 35915 CAL6303 RS16835 WP 015199018.1
NTDB id 1417 SGL RS04200 WP 014407071.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
consensus



155
156
1095
121
121
127

<0

logo

NTDB id 413 AAK55817.1 141..845()	EYELTHREFELLYHLASHTGQVMTREHLLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYMRSYR	234
NTDB id 374 SMU RS06885 WP 002262930.1	ELDLTHREFELLYHLASHTGQVITREHLLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYMRNNA*	235
NTDB id 1419 SGL RS12550 WP 010873252.1	EVELTHREFELLHHLATHTGQVMTREHLLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYMKSVD.	1095
NTDB id 35915 CAL6303 RS16835 WP 015199018.1	.....	121
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	121
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved