

NTDB id	Accession	Sequence	Score
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1306	DR RS10060 WP 027479822.1	MALSIGDRRLGAILLDQGYLGNDNLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAALR	80
NTDB id 1110	NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293	VP RS12240 WP 005479695.1	.....	0
NTDB id 1401	DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1251	GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1021401	AB1S66 RS16960 WP 280945978.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
consensus			

NTDB id	Accession	Sequence	Score
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1306	DR RS10060 WP 027479822.1	SIRPQTALNLQAFPFALEGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGASDA	160
NTDB id 1110	NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293	VP RS12240 WP 005479695.1	.....	0
NTDB id 1401	DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1251	GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1021401	AB1S66 RS16960 WP 280945978.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
consensus			

NTDB id	Accession	Sequence	Score
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1306	DR RS10060 WP 027479822.1	GR TG GKL GER LI THGY ITDAQLQVALDAQQQTGEALGATLISQRAIT EDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSM	240
NTDB id 1110	NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293	VP RS12240 WP 005479695.1	.....	0
NTDB id 1401	DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1251	GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1021401	AB1S66 RS16960 WP 280945978.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
consensus			

logo

NTDB	id	1410	SGL	RS13950	WP	010873519.1
NTDB	id	1306	DR	RS10060	WP	027479822.1
NTDB	id	1110	NGFG	RS09235	WP	003689817.1
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1
NTDB	id	1293	VP	RS12240	WP	005479695.1
NTDB	id	1401	DSB67	RS12665	WP	010643259.1
NTDB	id	1251	GC085	RS07725	WP	011946523.1
NTDB	id	1021401	AB1S66	RS16960	WP	280945978.1
NTDB	id	1058	ABD1	RS01615	WP	001274986.1
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1
consensus						

LRADALRLLAVPVDETEQGVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGR	MTSSSSSSKKSRAVALRNYFSPFGNKL	VAGGHVDAEQL	37
LRADALRLLAVPVDETEQGVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGR	LGEQLVQEGT	LSRDQL	320
MSVGLLRILVQNQVTV...	MLTNLVA	ILRQAEILISA...	17
MHSNLSTILRQKGLTF...	MLTNLSTVLRQAGILTF...		17
MALATEEYRLQGIGQLLVLEKLLDK...			25
MGSQAIVISGLARRLVDRNVLS...			23
MSALHTSPKFTGFFRRLVEEKHVS...			25
MSAFTTPPKFSGFIRRLVEEGYVNA...			25
* *** *!*****			

logo

NTDB	id	1410	SGL	RS13950	WP	010873519.1
NTDB	id	1306	DR	RS10060	WP	027479822.1
NTDB	id	1110	NGFG	RS09235	WP	003689817.1
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1
NTDB	id	1293	VP	RS12240	WP	005479695.1
NTDB	id	1401	DSB67	RS12665	WP	010643259.1
NTDB	id	1251	GC085	RS07725	WP	011946523.1
NTDB	id	1021401	AB1S66	RS16960	WP	280945978.1
NTDB	id	1058	ABD1	RS01615	WP	001274986.1
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1
consensus						

REALQVQAREGKVKPLGEVITELGFASPDVEVDS	QALVQVKKTGRSLPEELKAVTGREL	LSPELLRQYKKNQLFEL	LKVLYGVD	86
REALQVQAREGKVKPLGEVITELGFASPDVEVDS	ALQKQNVGGRLDTLVQ..SGKL	SPEMLARS.....	LAAQLGYE	391
EQAEHYYNESQ.AGKEVLPMLFS..DGV	ISPKSLAAL.....	LARVFSYS		59
TQEQAVVTQVSASGTSVPEALLE..LSIFHAQELTEQ.....	LSSHIFGLP			60
SQEESSLIEQVKASGISMPEALLS..SGFFTISSELAEH.....	LSSIFGLS			60
SQEESSLIEQVKASGISMPEALLS..SGFFQSHELTEH.....	LSSVFGLS			60
TKAIELHKLAAAEKISLLQYIVK..NKILSAEQIALT.....	AAQNFQVP			68
EEARLALFEAAAREKLPPIYLTQ..KSGISALTIASA.....	AEEFQGT			66
ATMQTALDAAKRAKQDTVAYLIE..EVHLSPSLLAET.....	ISAEFAEP			68
QNMQQALEKAKKFKQDTPVYLID..NFSISPLTIAEI.....	ISLEFGEP			68
* *** * * ***** ** ** ** **				

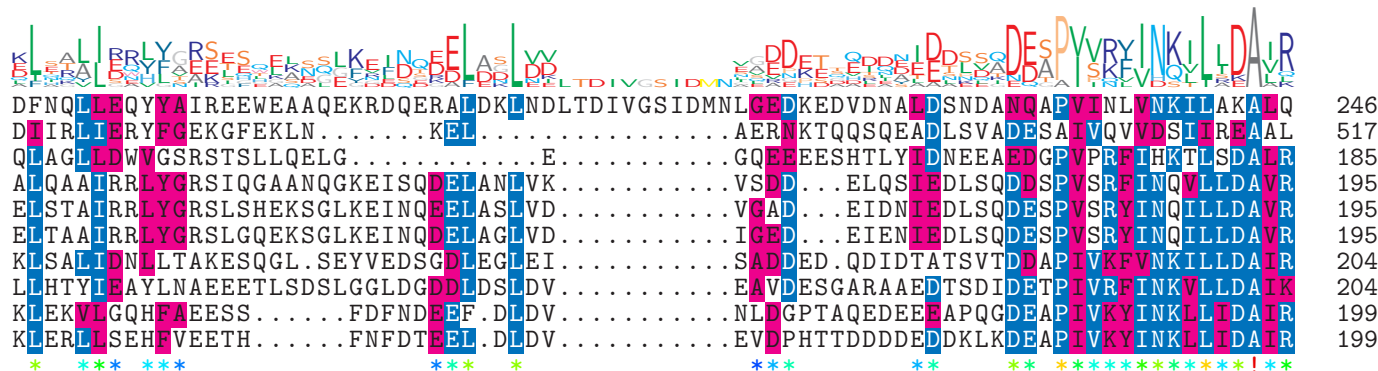
logo

NTDB	id	1410	SGL	RS13950	WP	010873519.1
NTDB	id	1306	DR	RS10060	WP	027479822.1
NTDB	id	1110	NGFG	RS09235	WP	003689817.1
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1
NTDB	id	1293	VP	RS12240	WP	005479695.1
NTDB	id	1401	DSB67	RS12665	WP	010643259.1
NTDB	id	1251	GC085	RS07725	WP	011946523.1
NTDB	id	1021401	AB1S66	RS16960	WP	280945978.1
NTDB	id	1058	ABD1	RS01615	WP	001274986.1
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1
consensus						

SVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQEGDPPSVLVAMVDPDNLAAQDELNRILRVKGFELRRLVVTQD	166
FLDPIQNPPD....PKVALMPEATARRVYVVPVRLQG...NSLVVAMKDPRNVFALDDLKL...ITGKEILPAVMAEK	460
ILDLRHYPRH....RVLMGVLTEEQMVEFHCVPVFRRG...DKVFFAVSDPTQMPQIQKTVS...AAGTAVELVIVEDD	128
ETDLRSYDYA....NLCQQLGLRELITRYDALPIAKQG...NLLLVAVSDPTLLQAEFFRF...ATGLQVELALADHR	129
QPELSQYEYA....SLCQQLGLRELITRHNAIPLHRT...STLLLVAVADPTNQQAEDDFRF...ATGLQVELVLADFR	129
CTSLNQYEYA....SLCQTLGLRDLITRHNAIPLNRTS...STLILAVADPTNLQAEDDFRF...ATGLQVELVLADFR	129
MLDINCIDVC....TIPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQF...HTGLNTHAIVVETD	137
LCDLRSIRKD....AIPAGLVDKKLIGKHHALPLFKRG...NRLFVAVTDPTNHAIDEIKF...NTGLNTEAVLAED	135
YFDLDVYDTS....QIPKDLVDQKLILKHRIPLIQRG...QILYVATSNPSNIEAIDAIRF...NSKLLVEPVIVEHH	137
LIDLGVFDPA....LFLKDKIDEKLIQKYRIMPLVHRG...HVLVYVATSNPTNIEAMDAIRF...NSKLLKVEPIIVEHD	137
*** ** * * ** *** *!*** ** *!***!*** ***** ***** **	

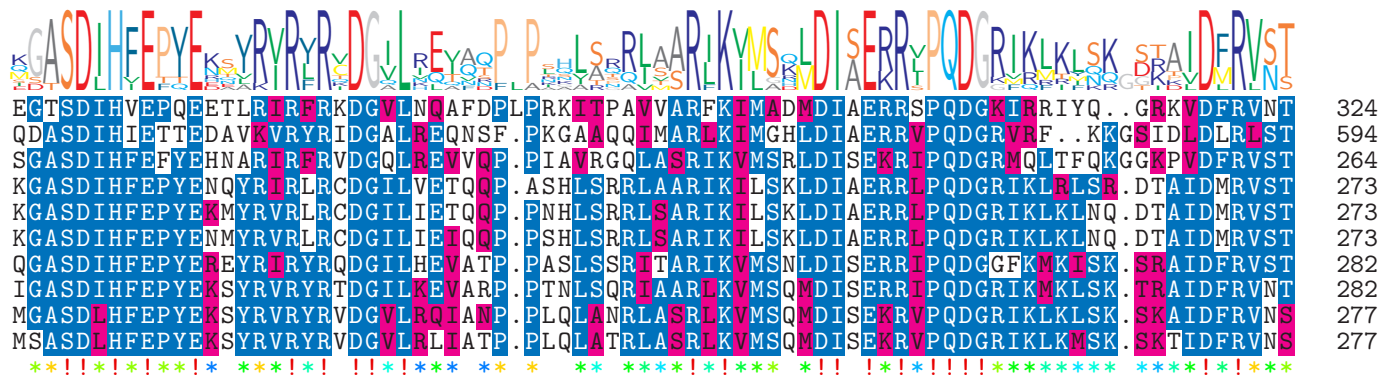
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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
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NTDB id 1168 A1552VC RS11070 WP 000957200.1
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NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1021401 AB1S66 RS16960 WP 280945978.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



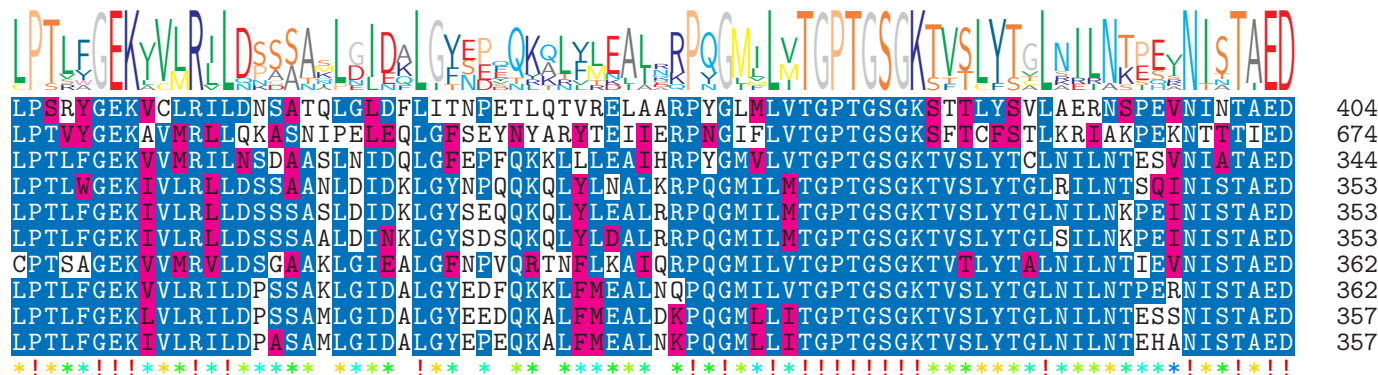
logo

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
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NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



logo

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



logo

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1021401 AB1S66 RS16960 WP 280945978.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



484
754
424
433
433
442
442
437
437

logo

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1021401 AB1S66 RS16960 WP 280945978.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



563
818
490
495
494
494
507
509
503
503

logo

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1021401 AB1S66 RS16960 WP 280945978.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



642
887
558
562
561
561
574
576
570
570

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	RKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1306 DR RS10060 WP 027479822.1	.....	887
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	558
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	561
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 1021401 AB1S66 RS16960 WP 280945978.1	.....	576
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved