

logo

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NTDB id 1306 DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQG YLGDN DLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNL LAVQPDPAAL	79
NTDB id 1384 A4U84 RS08525 WP 010787006.1		0
NTDB id 1366 NTHI RS01950 WP 011271972.1		0
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NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
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NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	RYTETAKELRAIPFALSEEGRVAHYBPLSTEEYEDSGHYEPYQTEREYAAATHYPELGLEYMPs	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELG LPVPPP..P	158
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NTDB id 1436 BW25113 RS00530 WP 001025145.1		0
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
NTDB id 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
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consensus		

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NTDB id 1436 BW25113 RS00530 WP 001025145.1		0
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
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consensus		

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NTDB id 58384	NMC33 RS19070 WP 022647056.1		0
NTDB id 1436	BW25113 RS00530 WP 001025145.1		0
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NTDB id 1401	DSB67 RS12665 WP 010643259.1		0
NTDB id 1293	VP RS12240 WP 005479695.1		0
NTDB id 1110	NGFG RS09235 WP 003689817.1		0
NTDB id 1251	GC085 RS07725 WP 011946523.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
consensus			

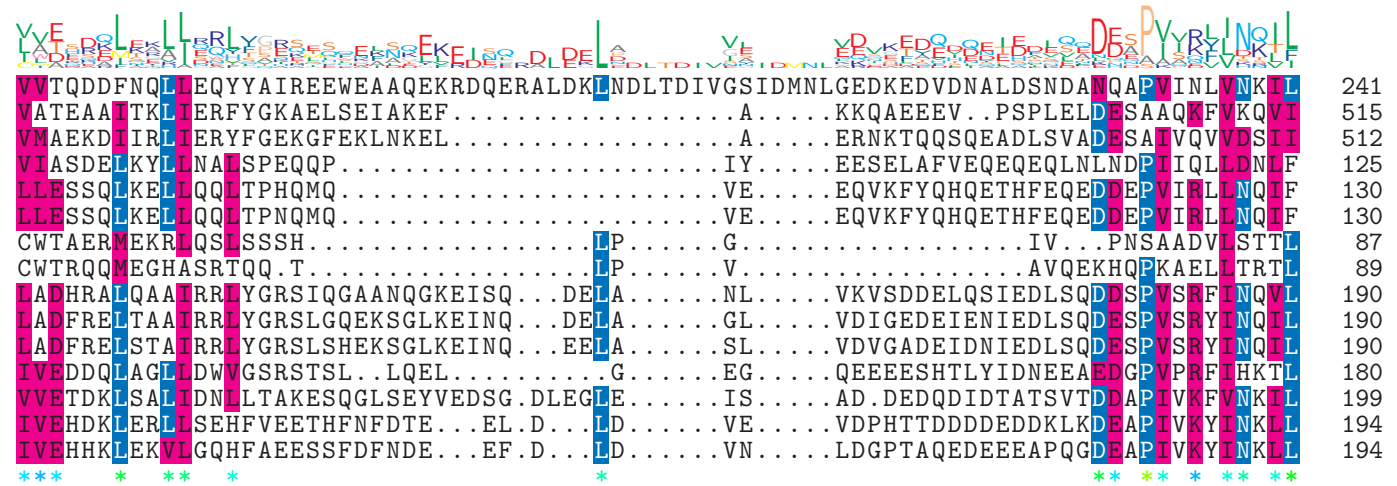
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NTDB	id	1028	TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGEIL	VELGLARPEDVEEALQKQRGGGRL	EDTLVQ..SGKLRPEALAQA.....	VATQL	388		
NTDB	id	1306	DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPLGEV	TTELGFASPDEVDLSALQKQNVGGRL	EDTLVQ..SGKLSPEMLARS.....	LAAQL	388		
NTDB	id	1384	A4U84 RS08525 WP 010787006.1			MSQ..YTI....CEQQ.....	TERIF	15		
NTDB	id	1366	NTHI RS01950 WP 011271972.1			MTS..YALLHTQRVTAQ.....	NGEIF	20		
NTDB	id	1355	HI 0298 AAC21962.1			MTS..YALLHTQRVTAK.....	NGEVF	20		
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NTDB	id	1436	BW25113 RS00530 WP 001025145.1					0		
NTDB	id	1168	A1552VC RS11070 WP 000957200.1		MLTNLVAILRQAE	LISATQEQA	VVTQVSASGTSVPEALL	LE..LSIFHAQELTEQ.....	LSHIF	57
NTDB	id	1401	DSB67 RS12665 WP 010643259.1		MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMP	EAALLS..SGFFQSHEITEH.....	LSSVF	57		
NTDB	id	1293	VP RS12240 WP 005479695.1		MHSNLSTILRQKGLLTFSQEESLIEQVKASGISMP	EAALLS..SGFFTSSSELAEH.....	LSSIF	57		
NTDB	id	1110	NGFG RS09235 WP 003689817.1		MSVGLLRLRVQNQVVTV	EQAEHY.NESQAGKEVLPMLFS..DGVISP	PKSLAAL.....LARVF	56		
NTDB	id	1251	GC085 RS07725 WP 011946523.1		MALATEEYRLQGIGQLLVLEKLLDKTKAIELHLKAAA	EKISLLQYIVK..NKILSAEQIALT.....	AAQNF	65		
NTDB	id	1018	ACIAD RS01685 WP 004920473.1		MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQA	LEKAKKFQDIPVYLID..NFSISPLTIAEI.....	ISLEF	65		
NTDB	id	1058	ABD1 RS01615 WP 001274986.1		MSALHTSPKFTGFRRRLVEEKHVSAATMQTALDA	AKRAKDITVAYLIE..EVHLSPSL	LAET.....ISAEF	65		
consensus				*		*	*	*	*	*

NTDB	id	1410	SGL	RS13950	WP	010873519.1	G	V	D	S	V	D	P	E	V	A	P	I	A	T	Q	Q	M	A	E	L	I	G	R	F	F	L	D	T	C	R	R	F	K	F	L	P	L	A	Q	Q	E	G	D	P	P	S	V	L	V	A	M	V	D	P	D	N	L	A	Q	D	E	L	N	R	I	L	R	V	K	G	F	.	.	E	L	R	R	L	.	.		
NTDB	id	1028	TT	RS08215	WP	011173991.1	G	Y	P	Y	V	D	P	E	E	D	P	P	D	P	.	.	.	.	.	G	A	P	L	L	L	P	E	D	L	C	R	R	Y	G	V	F	P	H	R	L	E	G	.	.	.	N	R	L	V	L	L	M	K	D	P	R	N	I	L	A	L	D	D	V	R	L	A	L	K	R	K	G	L	N	Y	E	V	A	P	A	.	.
NTDB	id	1306	DR	RS10060	WP	027479822.1	G	Y	E	F	L	D	P	I	Q	M	P	P	D	P	.	.	.	.	.	K	V	A	L	M	I	P	E	A	T	A	R	R	Y	V	V	V	P	V	R	L	Q	G	.	.	.	N	S	L	V	V	A	M	K	D	P	R	N	V	F	A	L	D	D	L	K	L	I	T	G	.	.	.	.	.	K	E	I	L	P	A	.	.
NTDB	id	1384	A4U84	RS08525	WP	010787006.1	D	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	W	Q	K	N	C	E	E	Q	L	L	L	R	Y	L	A	V	P	V	Q	E	T	.	.	.	H	K	L	W	L	A	V	D	D	E	N	N	L	T	A	C	E	I	F	A	F	M	T	H	.	.	.	.	.	K	Q	I	E	P	V	.	.			
NTDB	id	1366	NTHI	RS01950	WP	011271972.1	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	L	L	L	R	Y	F	A	L	P	L	K	E	E	N	.	.	.	N	R	L	W	L	G	V	D	S	L	S	N	L	S	A	C	E	T	I	A	F	I	T	G	.	.	.	.	.	K	P	V	E	P	I	.	.										
NTDB	id	1355	HI	0298	AAC21962.1	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	L	L	L	R	Y	F	A	L	P	L	K	E	E	N	.	.	.	N	R	L	W	L	G	V	D	S	L	S	N	L	S	A	C	E	T	I	A	F	I	T	G	.	.	.	.	.	K	P	V	E	P	I	.	.											
NTDB	id	58384	NMC33	RS19070	WP	022647056.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M	N	T	E	Q	L	M	T	L	C	Q	R	H	H	A	L	L	A	S	D	T	.	.	.	E	M	T	S	I	A	V	V	G	N	P	A	S	E	L	M	E	A	L	R	F	A	T	Q	.	.	.	.	.	K	R	I	D	I	E	.	.			
NTDB	id	1436	BW25113	RS00530	WP	001025145.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M	N	I	P	Q	L	T	A	L	C	L	R	Y	H	G	V	L	L	D	A	S	E	.	.	.	E	V	V	H	V	A	V	D	A	P	S	H	E	L	D	A	L	H	F	A	T	T	.	.	.	.	.	K	R	I	E	I	T	.	.				
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1	G	L	P	E	T	D	L	S	R	Y	D	Y	A	N	.	.	.	.	.	L	C	Q	Q	L	G	L	R	E	L	T	R	Y	D	A	L	P	T	A	K	Q	G	.	.	.	N	L	L	L	A	V	S	D	P	T	L	L	Q	A	E	E	E	F	R	F	A	T	G	.	.	.	.	.	L	Q	V	E	L	A	.	.		
NTDB	id	1401	DSB67	RS12665	WP	010643259.1	G	L	S	C	T	S	L																																																																											

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NTDB id 1410 SGL RS13950 WP 010873519.1
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consensus

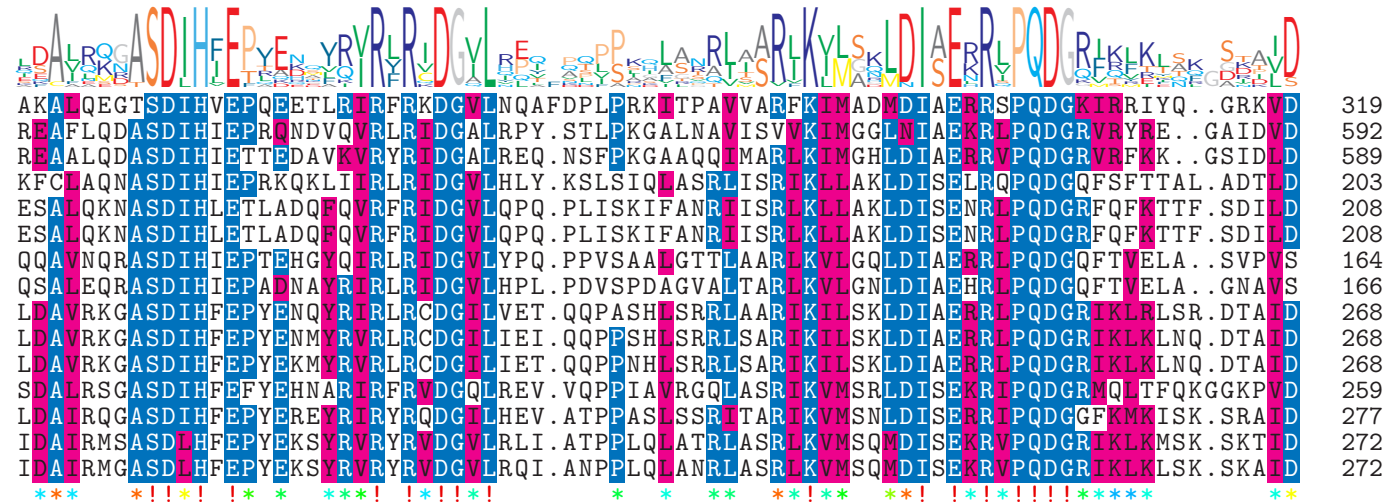
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consensus

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NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1355 HI 0298 AAC21962.1
NTDB id 58384 NMC33 RS19070 WP 022647056.1
NTDB id 1436 BW25113 RS00530 WP 001025145.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
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consensus

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NTDB id 1410 SGL RS13950 WP 010873519.1	RLDEMGVEPFMVS	558
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NTDB id 1168 A1552VC RS11070 WP 000957200.1	RLANMGVEPFNLIAS	490
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consensus	!* **!* *** **** *****!!!!!!*!***! *	**

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consensus	! !*!!****** * * * * ** *	**

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NTDB id 1366 NTHI RS01950 WP 011271972.1		464
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NTDB id 58384 NMC33 RS19070 WP 022647056.1		459
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NTDB id 1401 DSB67 RS12665 WP 010643259.1		561
NTDB id 1293 VP RS12240 WP 005479695.1		561
NTDB id 1110 NGFG RS09235 WP 003689817.1		558
NTDB id 1251 GC085 RS07725 WP 011946523.1		574
NTDB id 1018 ACIAD RS01685 WP 004920473.1		570
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consensus		

-  non conserved
-  similar
-  ≥ 50% conserved