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NTDB id 1193	PAKAF	RS26665	WP 003161249.1	MNSGLSRLGIALLA..MFAPALLAADLEKLDVAALPGDRVELKLQFDEPVA..APRGYTIEQPARIALDLPGVQNKLG..T	76
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGGQTEIRVMFNGLPP..QPQAYQLEQPARLILDFDKAGQKLA..K	77
NTDB id 1039	HON27	RS01460	WP 031993779.1	MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP..QPQAYQLENPSRLILDFDKAQQGLK..Q	77
NTDB id 1052	ABD1	RS15850	WP 001017033.1	MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP..QPQAYQLENPSRLILDFDKAQQGLK..Q	77
NTDB id 1347	HI 0435	AAC22094.1		.....	0
NTDB id 1373	NTHI	RS02645	WP 011272046.1	.....	0
NTDB id 1284	ACE17W	RS12370	WP 010946666.1	MRKIIAILIL..ISASLSMAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1257	GCO85	RS04855	WP 163621000.1	MRKIIAILIL..ISASLSLAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 393557	FIV01	RS01140	WP 152429375.1	.....	0
NTDB id 1186	GTF74	RS01320	WP 000788426.1	.....	0
NTDB id 1175	A1552VC	RS12105	WP 000788426.1		0
NTDB id 1408	DSB67	RS13980	WP 010643500.1		0
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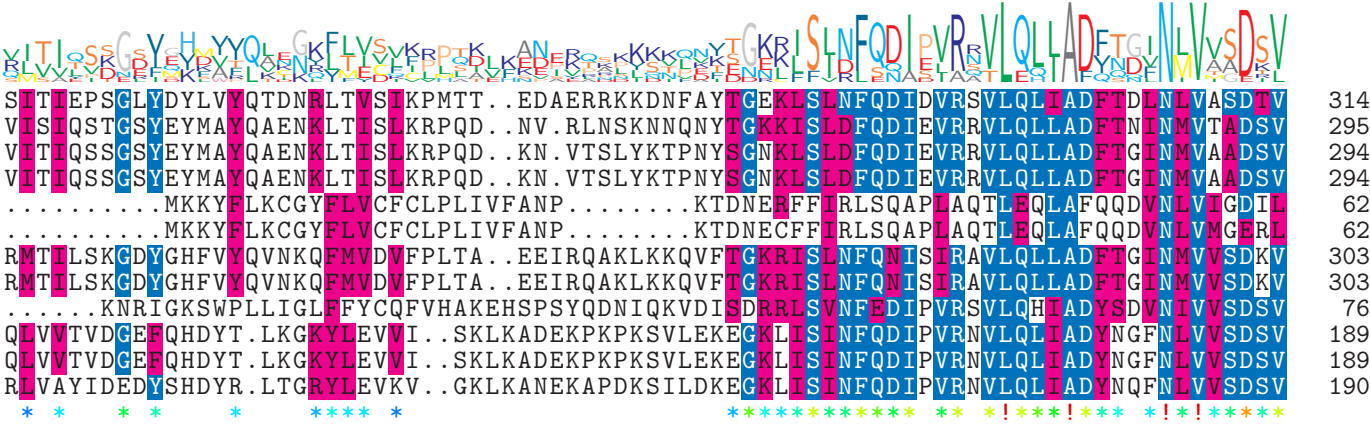
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NTDB id 1009	ACIAD	RS15175	WP 004923730.1	SLIPVTTNEASSIDVSSDDKRARVV..VNLKDAGAFITTRVEGNVFILKINNIQSTAT.....PVAT..SA.....	138
NTDB id 1039	HON27	RS01460	WP 031993779.1	SKISVATNEASSVDVTSDDQRSRLT..VNLKDTGAFTTTRVEGNTFILKINSAQTSNK.....PLPV..VS.....	138
NTDB id 1052	ABD1	RS15850	WP 001017033.1	SKISVATNEASSVDVTSDDQRSRLT..VNLKDTGAFTTTRVEGNTFILKINSAQTSNK.....PLPV..VS.....	138
NTDB id 1347	HI 0435	AAC22094.1		.....	0
NTDB id 1373	NTHI	RS02645	WP 011272046.1	.....	0
NTDB id 1284	ACE17W	RS12370	WP 010946666.1	KTKTIQLGSLHSYNIVAVGDRVRAI..LELDRSVSYSGSTAGSIYSVLVNGKSNDLFENSKE.....VFITNQV	145
NTDB id 1257	GCO85	RS04855	WP 163621000.1	KTKTIQLGSLHSYNIVAVGDRVRAI..LELDRSVSYSGSTAGSVYSVLVNGKSNDLFENSKE.....VFITNQV	145
NTDB id 393557	FIV01	RS01140	WP 152429375.1	.....	0
NTDB id 1186	GTF74	RS01320	WP 000788426.1	MKNGLKT..YVAQTWLTLWVG....LALCASS.....MVFSA.E	32
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	MKNGLKT..YVAQTWLTLWVG....LALCASS.....MVFSA.E	32
NTDB id 1408	DSB67	RS13980	WP 010643500.1	MKMRHGLTLTPRKLTGLFSLWFS....LLLAP.....FVAA.E	33
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NTDB id 1193	PAKAF	RS26665	WP 003161249.1	VPAGRAIRNIDFQRGEKGEGNVVIDLSDPTLSPDIQEQQGKIRLIDFAKTQIPDALRVRLDVVKDFATPVQFVNASAQSDRT	236
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	PAPQQGIGNIGFQRGAQGEGLVVIDLQGTNTPVVDVQQQGSKVVVRFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSGN	218
NTDB id 1039	HON27	RS01460	WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1052	ABD1	RS15850	WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1347	HI 0435	AAC22094.1		.....	0
NTDB id 1373	NTHI	RS02645	WP 011272046.1	.....	0
NTDB id 1284	ACE17W	RS12370	WP 010946666.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 1257	GCO85	RS04855	WP 163621000.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 393557	FIV01	RS01140	WP 152429375.1	.....	2
NTDB id 1186	GTF74	RS01320	WP 000788426.1	SATANQLENIDFRVNKEKA..AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	SATANQLENIDFRVNKEKA..AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id 1408	DSB67	RS13980	WP 010643500.1	EVQSNSIKSIDFRTNKDKDAVIVVELVSPA..IVDTIKRVQEGLSIDLNTSVKDDQLYLLDVKDFSTVIVESVEVFRDTSST	113
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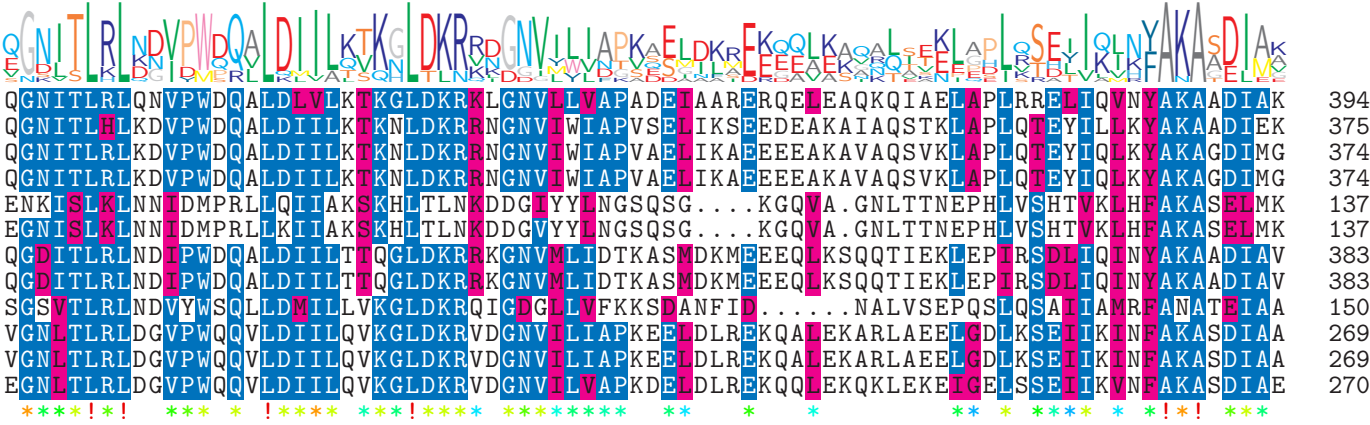
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NTDB id	1039	HON27	RS01460	WP	031993779.1
NTDB id	1052	ABD1	RS15850	WP	001017033.1
NTDB id	1347	HI	O435	AAC22094.1	
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NTDB id	1257	GCO85	RS04855	WP	163621000.1
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NTDB id	1186	GTF74	RS01320	WP	000788426.1
NTDB id	1175	A1552VC	RS12105	WP	000788426.1
NTDB id	1408	DSB67	RS13980	WP	010643500.1
consensus					



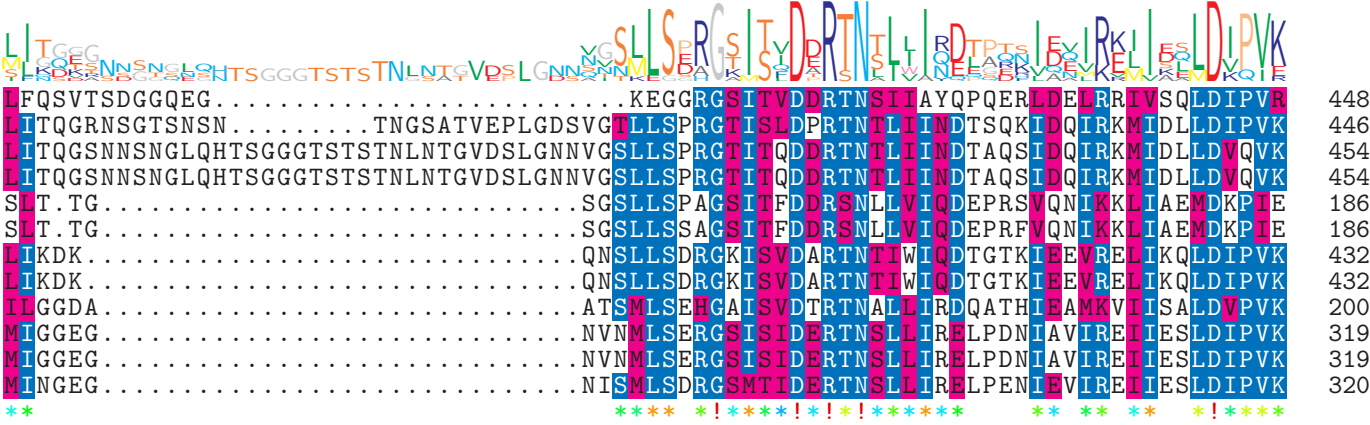
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NTDB id	1408	DSB67	RS13980	WP	010643500.1
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NTDB id 1193 PAKAF RS26665 WP 003161249.1	PFLGELPYLGRLFRRDTVTDRKNELLVFLTPRIMNNQAIAIGR.....	714
NTDB id 1009 ACIAD RS15175 WP 004923730.1	PFLGDLPPVGRLFKKTAKSEAKNELLIFVTPRIVNDTIVGNH.....	709
NTDB id 1039 HON27 RS01460 WP 031993779.1	PFFGDIIPVVGRLFRKDVKSDDKQELLIFVTPRIVNDTLARNH.....	721
NTDB id 1052 ABD1 RS15850 WP 001017033.1	PFFGDIIPVVGRLFRKDVKSDDKQELLIFVTPRIVNDTLARNH.....	721
NTDB id 1347 HI 0435 AAC22094.1	PLLGDIPVIKRLFSKESERHQKRELVIFVTPHILKAGETLEALKQKSEGKK.	445
NTDB id 1373 NTHI RS02645 WP 011272046.1	PLLGDIPVIKRLFSKESERHQKRELVIFVTPHILKAGETLEALKQKSAGKK.	445
NTDB id 1284 ACE17W RS12370 WP 010946666.1	PFFGELPVGILFSNRQITLKNEELLIFITPRIITNALSITTIEGREKDVYK	698
NTDB id 1257 GC085 RS04855 WP 163621000.1	PFFGELPVGILFSNRQITLKNEELLIFITPRIITNALSITTIEGREKDVYK	698
NTDB id 393557 FIV01 RS01140 WP 152429375.1	PLLGDIPLLGGLFRRSYQQMGKSELLIFVTPTLITP.....	452
NTDB id 1186 GTF74 RS01320 WP 000788426.1	PLLGDLPVLGALFRRTYEQMGKSELLIFVTPKVVV.....	571
NTDB id 1175 A1552VC RS12105 WP 000788426.1	PLLGDLPVLGALFRRTYEQMGKSELLIFVTPKVVV.....	571
NTDB id 1408 DSB67 RS13980 WP 010643500.1	PLLGDLPVLLGALFRRSYENVGKSELLIFVTPKVVV.....	580
consensus	! *!***!*** !!*** * !!***!***!***	

- non conserved
- similar
- ≥ 50% conserved