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[illegible]

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NTDB id	Accession	Length	Sequence	Score
NTDB id 1193	PAKAF RS26665 WP 003161249.1	156	..RE[L]SVGNTR[S]VT[V]VEAKDR[R]TRLI[I]NLTTLSS[Y]TTRVEGN[N]LV[V]VGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1186	GTF74 RS01320 WP 000788426.1	32	[M]K[N]GLKT..YVAQTWL[T]WVGLAL.....CASSM.....VF.SAE	32
NTDB id 1175	A1552VC RS12105 WP 000788426.1	32	[M]K[N]GLKT..YVAQTWL[T]WVGLAL.....CASSM.....VF.SAE	32
NTDB id 1408	DSB67 RS13980 WP 010643500.1	33	[M]KMRHGL[T]LTPRKL[T]GLFSLWFSLLL.....AP.....FV.AAE	33
NTDB id 1257	C0805 RS04855 WP 163621000.1	145	KTKT[I]QLGSLH[S]YNIVAVGDR[R]VRAILELDRS[V]SYSGSTAG[S]VSVLVLNGKSNDLFENSKEV.....FITNQV	145
NTDB id 1284	ACE17W RS12370 WP 010946666.1	145	KTKT[I]QLGSLH[S]YNIVAVGDR[R]VRAILELDRS[V]SYSGSTAG[S]IYSLVLNGKSNDLFENSKEV.....FITNQV	145
NTDB id 145284	AAX11 RS02605 WP 080946075.1	0		0
NTDB id 1009	ACIAD RS15175 WP 004923730.1	138	IP..[V]TTNEASS[S]ID[V]SSDDK[R]ARVVVN[L]KDAGAF[T]TTRVEGN[V]FILK[I]NNIQSTA...TP...[V]ATSA	138
NTDB id 1039	HON27 RS01460 WP 031993779.1	138	IS..[V]ATNEASS[S]VDV[T]SDDDQ[R]SLRTVN[L]KDTGAF[T]TTRVEGN[T]FILK[I]NSAQTSN...KP...[L]PVVS	138
NTDB id 1052	ABD1 RS15850 WP 001017033.1	138	IS..[V]ATNEASS[S]VDV[T]SDDDQ[R]SLRTVN[L]KDTGAF[T]TTRVEGN[T]FILK[I]NSAQTSN...KP...[L]PVVS	138
consensus			* * * * * * * * * * * * * * *	

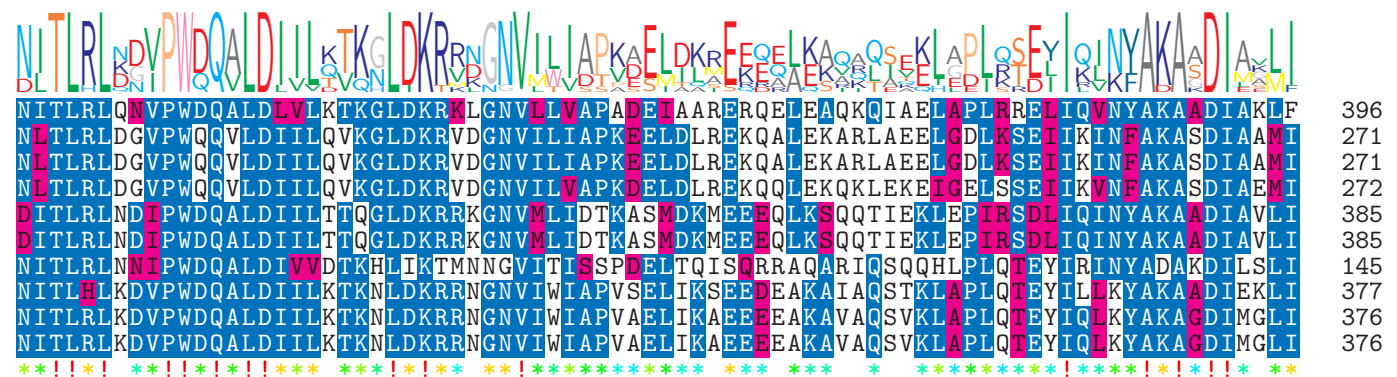
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NTDB id 1193 PAKAF RS26665 WP 003161249.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1257 CG085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 145284 AAX11 RS02605 WP 080946075.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

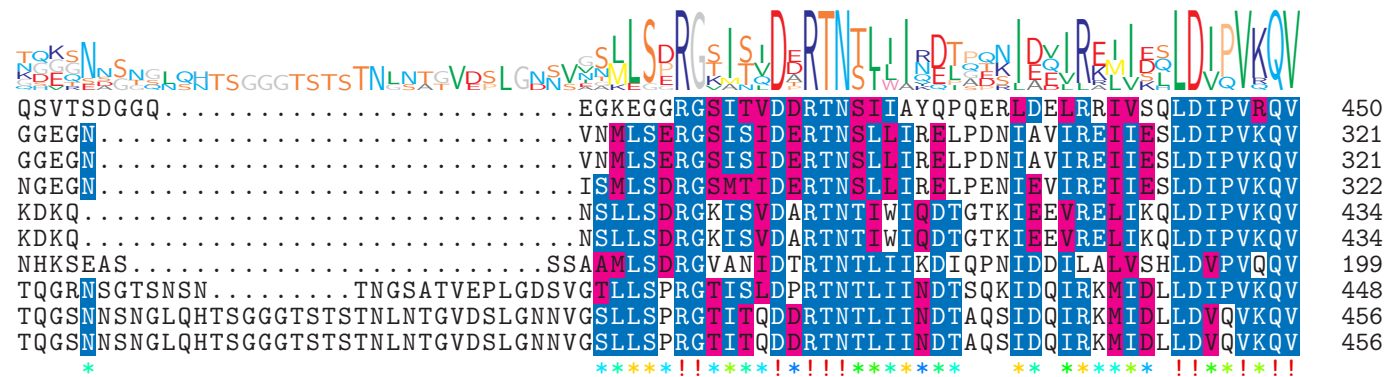
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NTDB id 1193 PAKAF RS26665 WP 003161249.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
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NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

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NTDB id 1193	PAKAF	RS26665	WP 003161249.1	MIEARIV	ANVGYDKSLGVRWGGAYHKGN.....WSGYGK.DG...NIGIKDEDDGMNCGPIAGSCTFPTTGTSKSPS	518
NTDB id 1186	GTF74	RS01320	WP 000788426.1	QIEARIV	TVKEGNLEELGVRWGVMTN.....GSHSVGGSIESNLWQKGLLAD.....DEFPV.....DEF	377
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	QIEARIV	TVKEGNLEELGVRWGVMTN.....GSHSVGGSIESNLWQKGLLAD.....DEFPV.....DEF	377
NTDB id 1408	DSB67	RS13980	WP 010643500.1	QIEARIV	TINEGNMDELGVRWGFTSIN.....GSHTVGGSIENNLTATIGLYDGGG..EG.DDGGSSVGI.....DDF	386
NTDB id 1257	GC085	RS04855	WP 163621000.1	LIEARIV	EVTKDFSQDIGIRWGVSRPTHLSGTLEGANELARGTAPA.....NVVPLE...R..R	488
NTDB id 1284	ACE17W	RS12370	WP 010946666.1	LIEARIV	EVTKDFSQDIGIRWGVSRPTHLSGTLEGANELARGTAPA.....NVVPLE...R..R	488
NTDB id 145284	AAx11	RS02605	WP 080946075.1	MIEARIV	SANDGFSDHDLGVSFGVLSN.....SNRLQIGGSHNALWHLRSSNN.....GSTNIT...RPDH	256
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	MIEARIV	RATTSFSKEMGVKKGILSQGIN.....QNSNLLVGGSETTLWNLRNPDSN.....GTYTIE...RPDN	510
NTDB id 1039	HON27	RS01460	WP 031993779.1	MVEARIV	RASSTFTKELGVKKGILSQGIT.....NNNNLLVGGSETTLWNLRREPKKDE....TTGGYKYTIE...RPDN	523
NTDB id 1052	ABD1	RS15850	WP 001017033.1	MVEARIV	RASSTFTKELGVKKGILSQGIT.....NNNNLLVGGSETTLWNLRREPKKDE....TTGGYKYTIE...RPDN	523
consensus				***!!!!	*** **	**** *

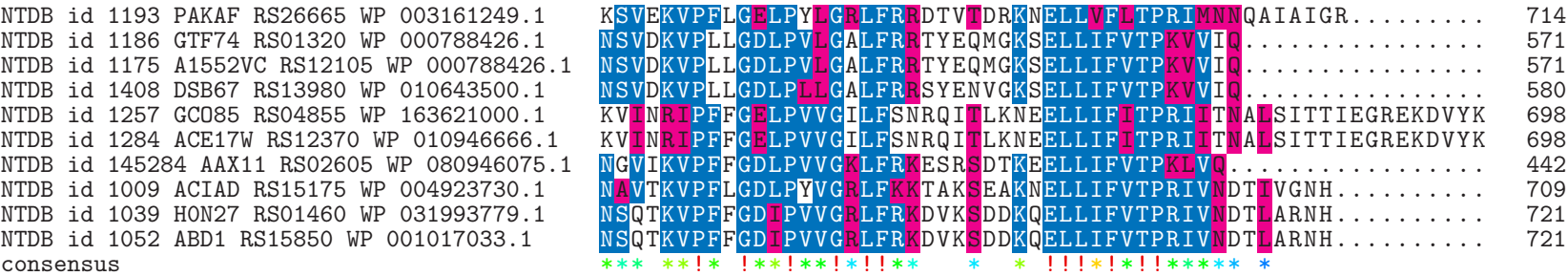
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NTDB id 1193	PAKAF	RS26665	WP 003161249.1	PFVDLG	AKDATSGIGIGFI..TDNIILDLQLSAMEKTGNGEIVSQPKVVTSDKETAKILKGSEVPYQEASSSGA	590
NTDB id 1186	GTF74	RS01320	WP 000788426.1	LNVNLA	STSANASSIAFQVAKLGSGLTLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSSGA	452
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	LNVNLA	STSANASSIAFQVAKLGSGLTLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSSGA	452
NTDB id 1408	DSB67	RS13980	WP 010643500.1	LNVNLA	ATSPNATSIAFQVAKLGSGLTLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSSGA	461
NTDB id 1257	GC085	RS04855	WP 163621000.1	LNLDLA	AAVPLTGATPASVGIALAKL..NDNILLDLLELSALESEGRAELISSPRLITTNQAAVIESGEEIPYQEATSSGA	566
NTDB id 1284	ACE17W	RS12370	WP 010946666.1	LNLDLA	AAVPLTGATPASVGIALAKL..NDNILLDLLELSALESEGRAELISSPRLITTNQAAVIESGEEIPYQEATSSGA	566
NTDB id 145284	AAx11	RS02605	WP 080946075.1	LAVDLG	VANP.AGRIAFGLIN.ISDVLLDLLELSAMQADRRGEVISTPKVLTADKQTARISSGMQIAYQEETSSGA	329
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	LNVDLG	VTTTGASSIAFGLIS.LSDFMLDLLELSALQADGYGEVISTPKVMSADKQKAKVATGVEVPYQSTTNSAA	584
NTDB id 1039	HON27	RS01460	WP 031993779.1	LNVDLG	VSNP.AGSIAFGLIS.MSDFMLDLLELSALQADGYGEVISTPKVMTADKQTAKVATGQQVPYQSTTNSAA	596
NTDB id 1052	ABD1	RS15850	WP 001017033.1	LNVDLG	VSNP.AGSIAFGLIS.MSDFMLDLLELSALQADGYGEVISTPKVMTADKQTAKVATGQQVPYQSTTNSAA	596
consensus				*****!	*** **	*****!*

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NTDB id 1193	PAKAF	RS26665	WP 003161249.1	...TS	SFKEAALSLEVTPQITPDNRRIIVEVKVTKDAPDYQNMLN..GVPPINKNEVNAKILVNDGETIVIGGVFSNEQS	665
NTDB id 1186	GTF74	RS01320	WP 000788426.1	...ST	VAFKKAVLSLKVTPQITPDNRRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSIN	529
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	...ST	VAFKKAVLSLKVTPQITPDNRRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSIN	529
NTDB id 1408	DSB67	RS13980	WP 010643500.1	...TS	VTFFKKAVLSLKVTPQITPDNRRLVLDLSVTQDRPGQVVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSIT	538
NTDB id 1257	GC085	RS04855	WP 163621000.1	...T	AVAFKKAVLSLKVTPQITPDGKILMDLQINQDTPSPQTFLG...VPAIITKEIQTNVLVNNGETIVLGGIYKQDKN	640
NTDB id 1284	ACE17W	RS12370	WP 010946666.1	...T	AVAFKKAVLSLKVTPQITPDGKILMDLQINQDTPSPQTFLG...VPAIITKEIQTNVLVNNGETIVLGGIYKQDKN	640
NTDB id 145284	AAx11	RS02605	WP 080946075.1	...T	NTVFKEAALVLEATPTITPDGKITLKNVKNTP..VTNLG...EIAIQEDALETNVIIDDGQTVVLGGIYRQTNN	401
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	GST	ATTSFKEAALSLEVTPNITPDGKILMELNIANDSINSYAQNG...EAILNKNTINTNVLVNNGETVVLGGVFEQTTN	661
NTDB id 1039	HON27	RS01460	WP 031993779.1	GST	ATTSFKDALLSLNVTPSITPDGKIQMKLDISKDSVAGAAPNG...ELILNKNNINTNVLVDNGETVILGGVFEQTTM	673
NTDB id 1052	ABD1	RS15850	WP 001017033.1	GST	ATTSFKDALLSLNVTPSITPDGKIQMKLDISKDSVAGAAPNG...ELILNKNNINTNVLVDNGETVILGGVFEQTTM	673
consensus				**	***!*****	*****

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X non conserved
X similar
X ≥ 50% conserved