

logo

NTDB id 1092	CAD91899.1	1..2286()	MNTKLT...	70
NTDB id 1100	NMB RS09455	WP 002225652.1	MNTKLT...	70
NTDB id 1115	OK783 RS00485	WP 003698035.1	MNTKLT...	70
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
NTDB id 1009	ACIAD RS15175	WP 004923730.1	MKQIIRQFSIGTVAYA	70
NTDB id 1052	ABD1 RS15850	WP 001017033.1	MNHVFRQFSMGAVAIA	70
NTDB id 1039	HON27 RS01460	WP 031993779.1	MNHVFRQFSMGAVAIA	70
NTDB id 1284	ACE17W RS12370	WP 010946666.1	MR....KIIA	69
NTDB id 1257	GCO85 RS04855	WP 163621000.1	MR....KIIA	69
NTDB id 245773	CLJ08 RS14555	WP 096050272.1		0
NTDB id 1193	PAKAF RS26665	WP 003161249.1	MNSGLSR....LGIA	69
consensus				

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NTDB id 1092	CAD91899.1	1..2286()	TGISM...	148
NTDB id 1100	NMB RS09455	WP 002225652.1	TGISM...	148
NTDB id 1115	OK783 RS00485	WP 003698035.1	TGISM...	148
NTDB id 1186	GTF74 RS01320	WP 000788426.1	.....	25
NTDB id 1175	A1552VC RS12105	WP 000788426.1	.....	25
NTDB id 1408	DSB67 RS13980	WP 010643500.1	.....	28
NTDB id 1009	ACIAD RS15175	WP 004923730.1	AGQK...	135
NTDB id 1052	ABD1 RS15850	WP 001017033.1	AQQG...	135
NTDB id 1039	HON27 RS01460	WP 031993779.1	AQQG...	135
NTDB id 1284	ACE17W RS12370	WP 010946666.1	TDMQ...	135
NTDB id 1257	GCO85 RS04855	WP 163621000.1	TDMQ...	135
NTDB id 245773	CLJ08 RS14555	WP 096050272.1		0
NTDB id 1193	PAKAF RS26665	WP 003161249.1	VQNK...	146
consensus				

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NTDB id 1092	CAD91899.1	1..2286()	QQAAPSTKSAVSVSE	220
NTDB id 1100	NMB RS09455	WP 002225652.1	QQAAPSTKSAVSVSE	228
NTDB id 1115	OK783 RS00485	WP 003698035.1	QQA.....	182
NTDB id 1186	GTF74 RS01320	WP 000788426.1	SM.....	42
NTDB id 1175	A1552VC RS12105	WP 000788426.1	SM.....	42
NTDB id 1408	DSB67 RS13980	WP 010643500.1	.....	43
NTDB id 1009	ACIAD RS15175	WP 004923730.1	.....	148
NTDB id 1052	ABD1 RS15850	WP 001017033.1	.....	147
NTDB id 1039	HON27 RS01460	WP 031993779.1	.....	147
NTDB id 1284	ACE17W RS12370	WP 010946666.1	SKEVF.....	155
NTDB id 1257	GCO85 RS04855	WP 163621000.1	SKEVF.....	155
NTDB id 245773	CLJ08 RS14555	WP 096050272.1		0
NTDB id 1193	PAKAF RS26665	WP 003161249.1	YAQPI.....	166
consensus				

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NTDB id 1092 CAD91899.1 1..2286( )
NTDB id 1100 NMB RS09455 WP 002225652.1
NTDB id 1115 OK783 RS00485 WP 003698035.1
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 1009 ACIAD RS15175 WP 004923730.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 245773 CLJ08 RS14555 WP 096050272.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
consensus

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Protein	Sequence	Score
DFRKDGKNA	GIIELAALGFAGQPDISQQHDHIIVTLKNHTLPTTLQRS	300
DFRKDGKNA	GIIELAALGFAGQPDISQQHDHIIVTLKNHTLPTTLQRS	308
DFRKDGKNA	GIIELAALGFAGQPDISQQHDHIIVTLKNHTLPTALQRS	262
DFRVNKEKA	AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTP	122
DFRVNKEKA	AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTP	122
DFRTNKDKD	AVIVVELVSPAIVDIKRVQEGLSIDLNTSVKDDQLYLLDVKDFSTV	123
GFQRGAQGE	GLVVIDLQGTNTPDVQQQGSKVVRFPFGIKPTHLARRLNTDFATPV	228
GFQRGSQGE	GLVVVDLLGSNTPDVQQQGSKVVRITIGTKIPHLARRLVNDFATPV	227
GFQRGSQGE	GLVVVDLLGSNTPDVQQQGSKVVRITIGTKIPHLARRLVNDFATPV	227
DFRGIEKQG	GRVLIDVSDTGIPIDVTQVGKEIVVNFNLTNKLPLNLMKRYDVSDFH	235
DFRGIEKQG	GRVLIDVSDTGIPIDVTQVGKEIVVNFNLTNKLPLNLMKRYDVSDFH	235
DFQRGEKGE	GNVVIDLSDPTLSPDIQEQGGKTRIDFAKTQLPDAIRVR	0
DFQRGEKGE	GNVVIDLSDPTLSPDIQEQGGKTRIDFAKTQLPDAIRVR	246

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NTDB id 1092 CAD91899.1 1..2286( )
NTDB id 1100 NMB RS09455 WP 002225652.1
NTDB id 1115 OK783 RS00485 WP 003698035.1
NTDB id 1186 GTFT74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 245773 CLJ08 RS14555 WP 096050272.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
consensus

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[illegible]

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NTDB id 1092 CAD91899.1 1..2286( )
NTDB id 1100 NMB RS09455 WP 002225652.1
NTDB id 1115 OK783 RS00485 WP 003698035.1
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 1009 ACIAD RS15175 WP 004923730.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 245773 CLJ08 RS14555 WP 096050272.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
consensus

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VPWDQALDILVLTQTKGLDKRQGNVLIAPRDELAKDKAFIQA EKDIADLGALYSQNFQKYKNVEEFRSILALDNADTT	460
VPWDQALDILVLTQTKGLDKRQGNVLIAPRDELAKDKAFIQA EKDIADLGALYSQNFQKYKNVEEFRSILRLDNADTT	468
VPWDQALDILVLTQTKGLDKRQGNVLIAPRDELAKDKAFIQA EKDIADLGALYSQNFQKYKNVEEFRSILRLDNADTT	422
VPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLEBKQALEKARLAEELGDLKSEITKINFAKASDIAAMIGGEG....	275
VPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLEBKQALEKARLAEELGDLKSEITKINFAKASDIAAMIGGEG....	275
VPWQQVLDIILQVKGLDKRVDGNVILVAPKDELLEBKQQLLEKQKLEKEIGELSSSEITKINFAKASDIAEMINGEG....	276
VPWDQALDIILKTKNLDKRRNGNVIWIPVSELIKSEEEDEAKAIAQSTKLAPLQTEYIILKYAKAADIEKLITQGRNSGT	385
VPWDQALDIILKTKNLDKRRNGNVIWIPVAELIKABEEEA KAVAQSVKLAPLQTEYIILKYAKAGDIMGLITQGSNNNSN	384
VPWDQALDIILKTKNLDKRRNGNVIWIPVAELIKABEEEA KAVAQSVKLAPLQTEYIILKYAKAGDIMGLITQGSNNNSN	384
IPWDQALDIILTTQGLDKRRKGNVMLIDTKASMDKMBEEQLKSQQTIEKLEPIRSDLIQINYAKAADIAVLIKD.....K	388
IPWDQALDIILTTQGLDKRRKGNVMLIDTKASMDKMBEEQLKSQQTIEKLEPIRSDLIQINYAKAADIAVLIKD.....K	388
VPWEQALDLVLRSGKGLGRRQEGNVLVAPVAELAG.....QVQGTLEPIQRRELIPVFHAKAGELAEELLASLA...	124
VPWDQALDLVLTQTKGLDKRKLGNVLLVAPADEIARERQELAEQKQIAELAPLRRLELIQVNYAKAADIAKLFQSVTSDGG	404

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NTDB id 1092 CAD91899.1 1..2286()	GNRN	TLVSGRGSVLIDPATNTLIVTD	TRSVIEKFRKLIDELDVPAQ	QVMIEARIVE	516		
NTDB id 1100 NMB RS09455 WP 002225652.1	GNRN	TLISGRGSVLIDPATNTLIVTD	TRSVIEKFRKLIDELDVPAQ	QVMIEARIVE	524		
NTDB id 1115 OK783 RS00485 WP 003698035.1	GNRN	TLVSGRGSVLIDPATNTLIVTD	TRSVIEKFRKLIDELDVPAQ	QVMIEARIVE	478		
NTDB id 1186 GTF74 RS01320 WP 000788426.1	NVN	MLSERGSISIDERTNSLLIRELP	DNIAVIREIIIESLDIPVKQV	QIEARIVT	329		
NTDB id 1175 A1552VC RS12105 WP 000788426.1	NVN	MLSERGSISIDERTNSLLIRELP	DNIAVIREIIIESLDIPVKQV	QIEARIVT	329		
NTDB id 1408 DSB67 RS13980 WP 010643500.1	NIS	MLSDRGSMITIDERTNSLLIRELP	ENIEVIREIIIESLDIPVKQV	QIEARIVT	330		
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SNSN.....	TNGSATVEPLGDSVGTLLSP	RGTTISLDPRNTNTLIINDTS	QKIDQIRKMIDLLDIPVKQV	MIARIVR	456	
NTDB id 1052 ABD1 RS15850 WP 001017033.1	GLQHTSGGGTSTSTNLNTG	VDSLGNNVGSLSPRGTTITQ	DDRTNTLIINDTAQSIDQIRK	MIDLLDVQVKQVMVEARIVR	464		
NTDB id 1039 HON27 RS01460 WP 031993779.1	GLQHTSGGGTSTSTNLNTG	VDSLGNNVGSLSPRGTTITQ	DDRTNTLIINDTAQSIDQIRK	MIDLLDVQVKQVMVEARIVR	464		
NTDB id 1284 ACE17W RS12370 WP 010946666.1	QN	SLSDRGKISVDARTNTIWIQD	TGKIEEVRELKQLDIPVKQV	LIEARIVE	442		
NTDB id 1257 GC085 RS04855 WP 163621000.1	QN	SLSDRGKISVDARTNTIWIQD	TGKIEEVRELKQLDIPVKQV	LIEARIVE	442		
NTDB id 245773 CLJ08 RS14555 WP 096050272.1	DDGA	VAGRGSLSVDARTNTLVATQ	PAVRLAELRRLVTQLDVPV	RQVMIEARIVE	178		
NTDB id 1193 PAKAF RS26665 WP 003161249.1	QEGKEG	RGSITVDDRNTNSIIAYQP	QERLDELRRIVSQLDIPV	RQVMIEARIVE	458		
consensus	*****	!!*****!	!!*****	**	****	!!*****	!!*****!!!!!!

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NTDB id 1092 CAD91899.1 1..2286()	AADG	FSRDLGVKFGATGKKKLK.....	ND	TSAFGWG..VNSGFG....	GDDKWGAETK....	INLPITAA..ANS	574			
NTDB id 1100 NMB RS09455 WP 002225652.1	AADG	FSRDLGVKFGATGKKKLK.....	ND	TSAFGWG..VNSGFG....	GDDKWGAETK....	INLPITAA..ANS	582			
NTDB id 1115 OK783 RS00485 WP 003698035.1	AADG	FSRDLGVKFGATGKKKLK.....	NET	TSAFGWG..VNSGFG....	GGDKWEAQTK....	INLPVAAA..ANS	536			
NTDB id 1186 GTF74 RS01320 WP 000788426.1	VKEGNLEEL	LGVRWGVMTSTNGSHSVGGS	.....	ESNLWQKGLLAD.....	DEF..PVDEFLNVN	LASTSANASS	391			
NTDB id 1175 A1552VC RS12105 WP 000788426.1	VKEGNLEEL	LGVRWGVMTSTNGSHSVGGS	.....	ESNLWQKGLLAD.....	DEF..PVDEFLNVN	LASTSANASS	391			
NTDB id 1408 DSB67 RS13980 WP 010643500.1	INEGNMDEL	GVWGFSTINGSHTVGGSI.....	ENNLATIGLYDGGGEGDDGGSSV..	GIDDFLNVN	LAAATSPNATS	400				
NTDB id 1009 ACIAD RS15175 WP 004923730.1	ATT	FSKEMGVKKGILSQGIN.....	QNSNLLVGGSETTLWN..	LRNPDSN....	GTYTIERPDNLNV	DLGVTTTGASS	524			
NTDB id 1052 ABD1 RS15850 WP 001017033.1	AST	FTKELGVKKGILSQGIT.....	NNNLLVGGSETTLWN..	LREPKKDETTGGYKY	TIERPDNLNV	DLGVSNP..AGS	536			
NTDB id 1039 HON27 RS01460 WP 031993779.1	AST	FTKELGVKKGILSQGIT.....	NNNLLVGGSETTLWN..	LREPKKDETTGGYKY	TIERPDNLNV	DLGVSNP..AGS	536			
NTDB id 1284 ACE17W RS12370 WP 010946666.1	VT	KDFSQDIGIRWGVSRPHTL.S	GTLEGANELARGTAPANVV..	PLERRNL.....	DLAAPLTGATPA..	SVG	507			
NTDB id 1257 GC085 RS04855 WP 163621000.1	VT	KDFSQDIGIRWGVSRPHTL.S	GTLEGANELARGTAPANVV..	PLERRNL.....	DLAAPLTGATPA..	SVG	507			
NTDB id 245773 CLJ08 RS14555 WP 096050272.1	ANVD	YEKALGVWGGPLYG.....	SDPR.....	.....	LGSDLFV	DLGVVERG..CAA	218			
NTDB id 1193 PAKAF RS26665 WP 003161249.1	ANVGYDKSL	GVWGGAYHKGNWSGYGKDGNIKIDEDGMNCG..	PIAGSCTFPTT...GTSKSPSPFV	DLGAKDA..TSG	531					
consensus	*	*****!***!		*	*	*	*	*	*	*

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NTDB id 1092 CAD91899.1 1..2286()	I..SLVRAISSGALNLELSASESLSKPKTLANPRVLTQNRKEAKIESGYEIPFTVTSIANGGSSTNTE	LKKAVLGLTVTP	652				
NTDB id 1100 NMB RS09455 WP 002225652.1	I..SLVRAISSGALNLELSASESLSKTKTLANPRVLTQNRKEAKIESGYEIPFTVTSIANGGSSTNTE	LKKAVLGLTVTP	660				
NTDB id 1115 OK783 RS00485 WP 003698035.1	I..SLVRAISSGALNLELSASESLSKTKTLANPRVLTQNRKEAKIESGYEIPFTVTTASGCGNSTNTE	LKKAVLGLTVTP	614				
NTDB id 1186 GTF74 RS01320 WP 000788426.1	IAFQVAKLGSGTLLDLELSALQNESKAEIISPRLITTNKQPAYIEQGTEIPYLESSSSSGAS...	TVAFKKAVLSLKVTP	468				
NTDB id 1175 A1552VC RS12105 WP 000788426.1	IAFQVAKLGSGTLLDLELSALQNESKAEIISPRLITTNKQPAYIEQGTEIPYLESSSSSGAS...	TVAFKKAVLSLKVTP	468				
NTDB id 1408 DSB67 RS13980 WP 010643500.1	IAFQVAKLGSDTLDLELSALQNESKAEIISPRLITTNKKPAYIEQGTEIPYLESSSSSGAT...	SVTFKKAVLSLKVTP	477				
NTDB id 1009 ACIAD RS15175 WP 004923730.1	IAFGLIS.LSDFMLDLELSALQADGYGEVISTPKVMSADKQKAKVATGVEVPYQSTTNSAAGSTAT	TTSFKEALLSLEVTP	603				
NTDB id 1052 ABD1 RS15850 WP 001017033.1	IAFGLIS.MSDFMLDLELSALQADGYGEVISTPKVMTADKQTAKVATGQVVPYQSTTNSAAGSTAT	TTSFKDALLSLNVTP	615				
NTDB id 1039 HON27 RS01460 WP 031993779.1	IAFGLIS.MSDFMLDLELSALQADGYGEVISTPKVMTADKQTAKVATGQVVPYQSTTNSAAGSTAT	TTSFKDALLSLNVTP	615				
NTDB id 1284 ACE17W RS12370 WP 010946666.1	I	ALAKL..NDNILLDLELSALESGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGAT...AVA	FKKAVLSLKVTP	582		
NTDB id 1257 GC085 RS04855 WP 163621000.1	I	ALAKL..NDNILLDLELSALESGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGAT...AVA	FKKAVLSLKVTP	582		
NTDB id 245773 CLJ08 RS14555 WP 096050272.1	LG	VGLL..RSDIILLDLELSAMEKSGNGEIIISQPKVV	TADKETARILKGT	VEVPYQETTRSGAT...SVS	FREASLSLEVTP	293	
NTDB id 1193 PAKAF RS26665 WP 003161249.1	IG	IGFI..TDNILLDLQLSAMEKTGN	GEIVSQPKVV	TADKETAKILKGS	VEVPYQEASSSGAT...STS	FKEAALSLEVTP	606
consensus	** * * * * !						

