

logo

NTDB id	1284	ACE17W	RS12370	WP	010946666.1	MRKIIAILI...ISASISMAYSKDNSLISVKVLPPEPVRVDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id	1257	GCO85	RS04855	WP	163621000.1	MRKIIAILI...ISASISLAYSKDNSLISVKVLPPEPVRVDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id	1186	GTF74	RS01320	WP	000788426.1		0
NTDB id	1175	A1552VC	RS12105	WP	000788426.1		0
NTDB id	973629	AABD47	RS01625	WP	005488227.1		0
NTDB id	1408	DSB67	RS13980	WP	010643500.1		0
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	MNSGLSRLGIALIAA.MFAPALLAADIEKIDVAALPGDRVEIKLQFDEPVA.APRGYTIEQPARIALDLPGVQNKIG..T	76
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGQGTEIRVMFENGLPP.QPQAYQLEQPARLLDFDKAGQKLA..K	77
NTDB id	1039	HON27	RS01460	WP	031993779.1	MNHVFRQFSMGAVAIAIMQAAASAQVSMTNIVPMQIAGQGTEIRVMFENGLPP.QPQAYQLENPSRLILDFDKAQQGK..Q	77
NTDB id	1052	ABD1	RS15850	WP	001017033.1	MNHVFRQFSMGAVAIAIMQAAASAQVSMTNIVPMQIAGQGTEIRVMFENGLPP.QPQAYQLENPSRLILDFDKAQQGK..Q	77
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logo

NTDB id	1284	ACE17W	RS12370	WP	010946666.1	KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGTACSTYSLVINGKSNDLFENSKE.....VFITNQV	145
NTDB id	1257	GCO85	RS04855	WP	163621000.1	KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGTACSTYSLVINGKSNDLFENSKE.....VFITNQV	145
NTDB id	1186	GTF74	RS01320	WP	000788426.1	MKNGLKTY..VAQTWLLWVGL...ALCASSM.....VF..SAE	32
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	MKNGLKTY..VAQTWLLWVGL...ALCASSM.....VF..SAE	32
NTDB id	973629	AABD47	RS01625	WP	005488227.1	MKMRQGLTRTPRMLTGLFSLWFL...LLAP.....LA..AAE	33
NTDB id	1408	DSB67	RS13980	WP	010643500.1	MKMRHGLTLTPRKLTLFSLWFSL...LLAP.....FV..AAE	33
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	KNRELSVGNTRSVTVVEAKDRTRLINLTTLSSYTTRVEGNLFFVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	SLIPVTNEASSIDVSSDDKRARVVVNLKDA GAFTTRVEGCVFILKINNISTAT.....PVAT..SA.....	138
NTDB id	1039	HON27	RS01460	WP	031993779.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDTGAFTTRVEGNTFILKINSQAQTSNK.....PLPV..VS.....	138
NTDB id	1052	ABD1	RS15850	WP	001017033.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDA GAFTTRVEGNTFILKINSQAQTSNK.....PLPV..VS.....	138
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NTDB id	1284	ACE17W	RS12370	WP	010946666.1	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id	1257	GCO85	RS04855	WP	163621000.1	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id	1186	GTF74	RS01320	WP	000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTIDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTIDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id	973629	AABD47	RS01625	WP	005488227.1	DVQSNALKSIDFRTNKS KDAVIVVELASPAAIVDVKRVQEGLSIDLNTSVKDEQLYLLDVKDFATVVESVEVFRDTSTT	113
NTDB id	1408	DSB67	RS13980	WP	010643500.1	EVQSNALKSIDFRTNKS KDAVIVVELVSPA AIVDKRVQEGLSIDLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTT	113
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	VPAGRAIRNIDFQRGEKGECNVVIDLSDPTLSPDIQEQGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASQSDRT	236
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	PAPQGGIGNIGFQRGAQGEGLVVVIDLQGTNTPDVQVQGGSKVVRFPGIIKIPTHLARRLNTTDFATPVASIDSYN DGSNG	218
NTDB id	1039	HON27	RS01460	WP	031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQVQGGSKVVRTITGKIPTHLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id	1052	ABD1	RS15850	WP	001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQVQGGSKVVRTITGKIPTHLARRLNVNDFATPVSSIDAYNDKGVG	217
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logo

NTDB id	1284	ACE17W	RS12370	WP	010946666.1	RMTILSKGCDYGHFVYQVNMKQFMVDVFPILTAEIRQAKLKKQVFTGKRISLNFQNISTRAVLQLLADFTGINM VVSDK VQG	305
NTDB id	1257	GCO85	RS04855	WP	163621000.1	RMTILSKGCDYGHFVYQVNMKQFMVDVFPILTAEIRQAKLKKQVFTGKRISLNFQNISTRAVLQLLADFTGINM VVSDK VQG	305
NTDB id	1186	GTF74	RS01320	WP	000788426.1	QLVVTVDGEFQHDYTLKGKYLEVVVISKLKADKPK.PKSVLEKEGKLISINFQDIPVRNVLQLLADYNGFNLVVSDSVVG	191
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	QLVVTVDGEFQHDYTLKGKYLEVVVISKLKADKPK.PKSVLEKEGKLISINFQDIPVRNVLQLLADYNGFNLVVSDSVVG	191
NTDB id	973629	AABD47	RS01625	WP	005488227.1	RLVAYIDEETHTDYRLTGRYLEITVSKLKPNEKVP.DKSILEKEGKLISINFQDIPVRNVLQLLADYNGFNLVVSDSVEG	192
NTDB id	1408	DSB67	RS13980	WP	010643500.1	RLVAYIDEETHTDYRLTGRYLEITVSKLKPNEKVP.DKSILEKEGKLISINFQDIPVRNVLQLLADYNGFNLVVSDSVEG	192
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	SITIEPSGLYDYL VYQTDNRLTVSIKPMTTTDAERRKKDNFAYTGEKLSLNFQDIDVRSVLQLLADFTDINLVASDTVQG	316
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	VISIQTSGSYEYMAQYQENKLTISLKPQDNV.RLNSKNNQNYTGKLSLDFQDIEVRRVLQLLADFTNINMVTADS VQG	297
NTDB id	1039	HON27	RS01460	WP	031993779.1	VITIQSSGSYEYMAQYQENKLTISLKPQDNV.VTSLYKTPNYS GNKLSLDFQDIEVRRVLQLLADFTGINMVAADS VQG	296
NTDB id	1052	ABD1	RS15850	WP	001017033.1	VITIQSSGSYEYMAQYQENKLTISLKPQDNV.VTSLYKTPNYS GNKLSLDFQDIEVRRVLQLLADFTGINMVAADS VQG	296
consensus						*** * *** * ** * * *** * *** * * !***!***!!*! *! !!!!!*!!*****!***!***!***!	

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NTDB id	1284	ACE17W	RS12370	WP	010946666.1	NITLRLNDIPWDQALDIILTTQGLDKRRKGNVMLIDTKASMDKMEEBQLKSQQTIEKLEPIRSDLIQINYAKAADIAVLI	385
NTDB id	1257	GCO85	RS04855	WP	163621000.1	NITLRLNDIPWDQALDIILTTQGLDKRRKGNVMLIDTKASMDKMEEBQLKSQQTIEKLEPIRSDLIQINYAKAADIAVLI	385
NTDB id	1186	GTF74	RS01320	WP	000788426.1	NITLRLDGVWPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDIREKQALEKARLAEELGDLKSEITIKINFAKASDIAAMI	271
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	NITLRLDGVWPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDIREKQALEKARLAEELGDLKSEITIKINFAKASDIAAMI	271
NTDB id	973629	AABD47	RS01625	WP	005488227.1	NITLRLDGVWPWQQVLDIILQVKGLDKRVDGNVILVAPTDELDIREKQALEKQKLTTEMGELSEITIKVNFAKASDIAEMI	272
NTDB id	1408	DSB67	RS13980	WP	010643500.1	NITLRLDGVWPWQQVLDIILQVKGLDKRVDGNVILVAPTDELDIREKQALEKQKLTTEMGELSEITIKVNFAKASDIAEMI	272
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	NITLRLQNVPDQALDVLKTKGLDKRKLGNVLLVAPADETAARERQELEAQKQIAELAPLHRELIQVNYAKAADIAKLF	396
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	NITLRLKDVDPWDQALDIILKTKNLDKRRNGNVIWIAPVSELIKSEEDAKAIAQSTKLAPLQTEYILKYAKAADIEKLI	377
NTDB id	1039	HON27	RS01460	WP	031993779.1	NITLRLKDVDPWDQALDIILKTKNLDKRRNGNVIWIAPVSELIKSEEDAKAIAQSTKLAPLQTEYILKYAKAADIEKLI	376
NTDB id	1052	ABD1	RS15850	WP	001017033.1	NITLRLKDVDPWDQALDIILKTKNLDKRRNGNVIWIAPVSELIKSEEDAKAIAQSTKLAPLQTEYILKYAKAADIEKLI	376
consensus						***!!*! **!!*!*!!*!!*! ***!!!!* !!!*****!!!!!!*! * * * * * * * * * * * * * * * * * *	

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NTDB id	1284	ACE17W	RS12370	WP	010946666.1	KDKQ.N.....SLLSDRGKISVDARTNTIWIQDTGKTIHEVRELIKQLDIPVKQV	434
NTDB id	1257	GCO85	RS04855	WP	163621000.1	KDKQ.N.....SLLSDRGKISVDARTNTIWIQDTGKTIHEVRELIKQLDIPVKQV	434
NTDB id	1186	GTF74	RS01320	WP	000788426.1	GEGENV.....NMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQV	321
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	GEGENV.....NMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQV	321
NTDB id	973629	AABD47	RS01625	WP	005488227.1	NGEENI.....SMLSERGSMTIDERTNSLLIRELPENIAVIREIIESLDIPVKQV	322
NTDB id	1408	DSB67	RS13980	WP	010643500.1	NGEENI.....SMLSERGSMTIDERTNSLLIRELPENIEVIREIIESLDIPVKQV	322
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	QSVTSDGGGEG.....KEGGRGSITVDDRTNSIIAYQPQERLDELRRIVSQLDIPVRQV	450
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	TQGRNNGTSNSN.....TNGSATVEPLGDSVGTLLSPRCTISLDPRNTLLINDTSQKIDQIRKMIIDLIPVKQV	448
NTDB id	1039	HON27	RS01460	WP	031993779.1	TQGSNNNSGLQHTSGGGTSTSTNLNTGVDSLGNVVG SLLSPRCTITQDDRTNTLLINDTAQSIDQIRKMIIDLIPVKQV	456
NTDB id	1052	ABD1	RS15850	WP	001017033.1	TQGSNNNSGLQHTSGGGTSTSTNLNTGVDSLGNVVG SLLSPRCTITQDDRTNTLLINDTAQSIDQIRKMIIDLIPVKQV	456
consensus						* *****! !*****! !!!!!***** * * * * * * * * * * * * * * * * * *	

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NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GCO85 RS04855 WP 163621000.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 973629 AABD47 RS01625 WP 005488227.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
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 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GCO85 RS04855 WP 163621000.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 973629 AABD47 RS10625 WP 005488227.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
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 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GCO85 RS04855 WP 163621000.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 973629 AABD47 RS01625 WP 005488227.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
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 1284 ACE17W RS12370 WP 010946666.1	FGE L P V V G I L F S N R Q I T L K N E E L L I F V T P R I I T N A L S I T T I E G R E K D V Y K	698
NTDB id 1257 GC085 RS04855 WP 163621000.1	FGE L P V V G I L F S N R Q I T L K N E E L L I F V T P R I I T N A L S I T T I E G R E K D V Y K	698
NTDB id 1186 GTF74 RS01320 WP 000788426.1	L G D L P V L G A L F R R T Y E Q M C K S E L L I F V T P K V V I Q	571
NTDB id 1175 A1552VC RS12105 WP 000788426.1	L G D L P V L G A L F R R T Y E Q M C K S E L L I F V T P K V V I Q	571
NTDB id 973629 AABD47 RS01625 WP 005488227.1	L G D L P L L G A L F R R S Y E N V G K S E L L I F V T P K V V I Q	582
NTDB id 1408 DSB67 RS13980 WP 010643500.1	L G D L P L L G A L F R R S Y E N V G K S E L L I F V T P K V V I Q	580
NTDB id 1193 PAKAF RS26665 WP 003161249.1	L G E L P Y L G R L F R R D T V I D R K N E L L V F L T P R I M N N Q A I A I G R	714
NTDB id 1009 ACIAD RS15175 WP 004923730.1	L G D L P Y V G R L F K K T A K S E A K N E L L I F V T P R I V N D T I V G N H	709
NTDB id 1039 HON27 RS01460 WP 031993779.1	F G D I P V V G R L F R K D V K S D D K Q E L L I F V T P R I V N D T L A R N H	721
NTDB id 1052 ABD1 RS15850 WP 001017033.1	F G D I P V V G R L F R K D V K S D D K Q E L L I F V T P R I V N D T L A R N H	721
consensus	* ! * * ! * * ! ! ! * * * * * * * * ! ! ! * ! * ! ! * * * * * * *	

- ☐ non conserved
- ☒ similar
- ☒ ≥ 50% conserved