

logo

NTDB id 1436 BW25113 RS00530 WP 001025145.1	MNIPQLTALCLRYHGVLLDASEEVVHVAVVDAPSHELLDALHFATTKRIEITCWTRQQMEGHASRTQQTLPVAVQEKHQP	80
NTDB id 1177 A1552VC RS01165 WP 000422572.1	.....	0
NTDB id 1203 PSJM300 01605 AFN76401.1	.....	0
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.....	0
NTDB id 1448 BW25113 RS15320 WP 001326494.1	.....	0
NTDB id 1307 DR RS10055 WP 010888596.1	MT	2
NTDB id 1086 NMV RS00245 WP 002218487.1	.....	0
NTDB id 1116 NGFG RS10615 WP 003690200.1	.....	0
NTDB id 1185 GTF74 RS11940 WP 000350195.1	.....	0
NTDB id 1176 A1552VC RS01160 WP 000350195.1	.....	0
NTDB id 52543 KI242 RS29595 WP 015637368.1	.....	0
NTDB id 1283 ACE17W RS02630 WP 010947729.1	.....	0
NTDB id 1259 GC085 RS10305 WP 010947729.1	.....	0
NTDB id 1194 PA0395 NP 249086.1	.....	0
NTDB id 1202 PSJM300 01600 AFN76400.1	.....	0
NTDB id 1020 ACIAD RS04210 WP 011182164.1	.....	0
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	.....	0
NTDB id 1060 ABD1 RS04380 WP 000355489.1		0
NTDB id 1040 HON27 RS13360 WP 000355489.1		0
consensus		

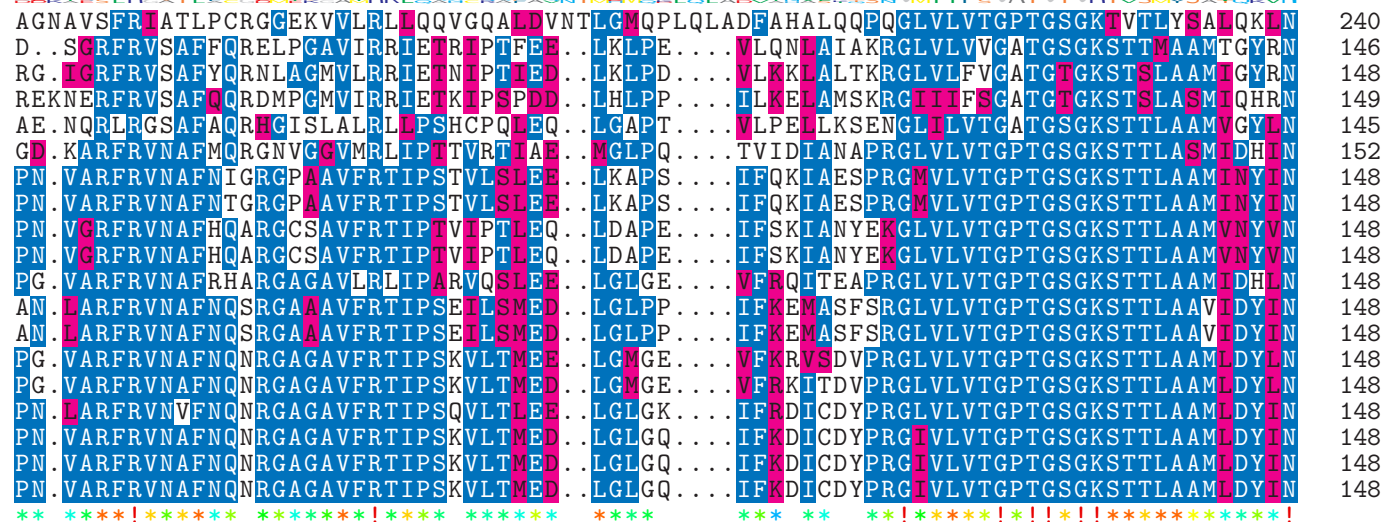
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	..MEINQYLDGMLTHKASDLYITVG...APILYRVDGELRAQGEAL.SVADVTTALLHAMDDARQAEEFKQTREANFAVVR	74
NTDB id 1203 PSJM300 01605 AFN76401.1	..MEFEKLLRLMVEKGGSDLFITAG...VPPSMKVNGKILPVNKTPTSPEMTRETVHGMVNEQQRREFTENHECNFAISA	75
NTDB id 1019 ACIAD RS04205 WP 004922051.1	..MDFNDLLNLMAKHKASDLFITAG...VEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIEIHECNFAILN	75
NTDB id 1448 BW25113 RS15320 WP 001326494.1	..MNMEEIVALS VKHNVSDDLHLCSA...WPARWRIRGRMEA...APFDTPDVEELLREWLDQDRAILLENGQLDFAVSL	72
NTDB id 1307 DR RS10055 WP 010888596.1	SGIDITDILRLAADKGASDITLAAG...LPPQFKLSGDYDAQGFELASDTRKLMYSMMNERQQRIFEEKRELDDFSAL	79
NTDB id 1086 NMV RS00245 WP 002218487.1	..MQITDLLAFGAKNKAASDLHLSSG...ISPMIRVHGDMRRINLPEMSAAEEVGNMVTSMNDHQRKIYQQNLEVDDFSFEI	75
NTDB id 1116 NGFG RS10615 WP 003690200.1	..MQITDLLAFGAKNKAASDLHLSSG...ISPMIRVHGDMRRINLPEMSAAEEVGNMVTSMNDHQRKIYQQNLEVDDFSFEI	75
NTDB id 1185 GTF74 RS11940 WP 000350195.1	..MDIAELLEFSVKHNASDLHLSSG...VPPMVRIDGEVRKLGVPFATHSDVHRLIFEIMNDAQRSEYEEKLEVDDFSFEI	75
NTDB id 1176 A1552VC RS01160 WP 000350195.1	..MDIAELLEFSVKHNASDLHLSSG...VPPMVRIDGEVRKLGVPFATHSDVHRLIFEIMNDAQRSEYEEKLEVDDFSFEI	75
NTDB id 52543 KI242 RS29595 WP 015637368.1	..MDITELLRLSASRGASDLHLSSG...LAPMLRIDGDIRPLPGPALEGPEVLALIHLMSEAQRQAFACNDLDFAHEL	75
NTDB id 1283 ACE17W RS02630 WP 010947729.1	..MDIAELLAFSVKNKSSDLHLISAG...MPPMIRVDGDLRKINLPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEI	75
NTDB id 1259 GC085 RS10305 WP 010947729.1	..MDIAELLAFSVKNKSSDLHLISAG...MPPMIRVDGDLRKINLPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEI	75
NTDB id 1194 PA0395 NP 249086.1	..MDITELLAFSAKQGASDLHLSSG...LPPMIRVDGDVRRINLPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSFEV	75
NTDB id 1202 PSJM300 01600 AFN76400.1	..MDITELLAFSAKQGASDLHLSSG...LPPMIRVDGDVRRINLPAMDHKQVHALIYDIMNDKQRKDFEEFLETDFSFEV	75
NTDB id 1020 ACIAD RS04210 WP 011182164.1	..MDITELLAFSVQNRASDLHLSSG...IPPMIRVDGEVRRINLPAMDHSEVHNLIYDIMNDKQRKDYEEKLETDFSFEV	75
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	..MDITELLAFSVKNKASDLHLSSG...MPPMIRVDGEVRRINLPALHKKDVHRLVYDIMNDKQRKDYEEKLETDFSFEV	75
NTDB id 1060 ABD1 RS04380 WP 000355489.1	..MDITELLAFSVKNKASDLHLSSG...MPPMIRVDGEVRRINLPALHKKDVHRLVYDIMNDKQRKDYEEKLETDFSFEV	75
NTDB id 1040 HON27 RS13360 WP 000355489.1	..MDITELLAFSVKNKASDLHLSSG...MPPMIRVDGEVRRINLPALHKKDVHRLVYDIMNDKQRKDYEEKLETDFSFEV	75
consensus	*****!*****	

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NTDB id 1436 BW25113 RS00530 WP 001025145.1
NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
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consensus

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NTDB id 1436 BW25113 RS00530 WP 001025145.1
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NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
consensus

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NTDB	id	1436	BW25113	RS00530	WP	001025145.1	LHTNSTCETLVRLQQ.....MGVARWMLSSALTLVIAQRLVLRKLCPHCRRQQGGEPIHIPDNVWPSPLPHWQAPGCVHCY	389
NTDB	id	1177	A1552VC	RS01165	WP	000422572.1	LHANNAQALERILHIVPKEQREQFLDLSLNLKGVIAQQLLRDK.....	270
NTDB	id	1203	PSJM300	01605	AFN76401.1		LHANNAQALDRIINFPPADRNQVWMDLSLNLKAIVAQQQLVPTP.....	272
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1	LHANNAQNTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTH.....	273
NTDB	id	1448	BW25113	RS15320	WP	001326494.1	LHTRGAAQAVERLVDSPAQEKDPVRNQLAGSLRAVLSSQKLEVD.....	268
NTDB	id	1307	DR	RS10055	WP	01088596.1	LHTNSAPESIDRIVDVFPPEEQEQEIRVQLANNLVAVMTQQLLPFA.....	276
NTDB	id	1086	NMV	RS00245	WP	002218487.1	LHTTGAAKTVDRIVDVFPAGEKEMVRSMLSESLTAVISQNLKTH.....	272
NTDB	id	1116	NGFG	RS10615	WP	003690200.1	LHTTGAAKTVDRIVDVFPAGEKEMVRSMLSESLTAVISQNLKTH.....	272
NTDB	id	1185	GTF74	RS11940	WP	000350195.1	LHTSSAAKTIDRIIDVFPGSDKDMVRSMLSESLRAVIAQKLLKR.....	271
NTDB	id	1176	A1552VC	RS01160	WP	000350195.1	LHTSSAAKTIDRIIDVFPGSDKDMVRSMLSESLRAVIAQKLLKR.....	271
NTDB	id	52543	KI242	RS29595	WP	015637368.1	LHTSSAAKTIDRLVDVFPGEKALVRSMLAESLQAVVAQVLVKK.....	271
NTDB	id	1283	ACE17W	RS02630	WP	010947729.1	LHTNSATKTINRIIDVFPAAEEKSMVRSMLSESLQAVVAQSLLKK.....	271
NTDB	id	1259	GCO85	RS10305	WP	010947729.1	LHTNSATKTINRIIDVFPAAEEKSMVRSMLSESLQAVVAQSLLKK.....	271
NTDB	id	1194	PA0395	NP	249086.1		LHTTSAAKTIDRVVDVFPAAEEKAMVRSMLSESLQSVISQTLIKK.....	271
NTDB	id	1202	PSJM300	01600	AFN76400.1		LHTTSAAKTIDRVVDVFPAAEEKSMVRSMLSESLQAVISQTLKK.....	271
NTDB	id	1020	ACIAD	RS04210	WP	011182164.1	LHTTSAAKTIDRIIDVFPAAEKDMVRTMLSESLQAVISQTLKK.....	271
NTDB	id	1081	FDQ49	RS05335	WP	006581387.1	LHTTSAAKTIDRVIDVFPAAEKDMVRAMLSESLQAVISQTLKK.....	271
NTDB	id	1060	ABD1	RS04380	WP	000355489.1	LHTTSAAKTIDRVIDVFPAAEKDMVRAMLSESLQAVISQTLKK.....	271
NTDB	id	1040	HON27	RS13360	WP	000355489.1	LHTTSAAKTIDRVIDVFPAAEKDMVRAMLSESLQAVISQTLKK.....	271
consensus							! ! * * * * * * * * ! * * * * * * * * * * * * * * ! * * * ! * * * * * ! ! * * *	

NTDB	id	1436	BW25113	RS00530	WP	001025145.1	HGFYGR [*] TALFEVLPITPVIRQLISANTDVE. [*]	.SLETHARQAGMRTLTFENGCLAVEQGLTTFEELIRVLGMPHGE.....	461
NTDB	id	1177	A1552VC	RS01165	WP	000422572.1	.NGKGRHGCVFVLLNSPRIADLIIRGELHELKATMARSQEVCMTFDQAALYQLVVDKISEQDALHSADSANDLRMLKT	.	349
NTDB	id	1203	PSJM300	01605	AFN	76401.1	.DKCGRRAAIEVFLINTPLAADLIRKGEVHELKGLMKRSTDLGMQTFFDQAALYNLVYQGCEITYEDALLHADSSNDRLMIKL	.	351
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1	.DQCGRRAAEVFLINTPLLSDIYRIQEKIKELMARSGELMGQTFDDQAALFDLYDHQHISYADALKHADSPNNRLRLQIKL	.	352
NTDB	id	1448	BW25113	RS15320	WP	001326494.1	.KQEGRRVALFEILLINTPAVGNLIREGKETHQLPHVIQTGGQQVGMITFQQSYQHRVGEGRLL	.	326
NTDB	id	1307	DR	RS10055	WP	010888596.1	.DQCGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMVTMDAYLAGLFRRHLLITYDKGLERAIDPKREFARLAND	.	355
NTDB	id	1086	NMV	RS00245	WP	002218487.1	.DCNGRVASHEILLIANPAVRNLIRENKITQINSVLQTGGQASGMTMDQSLSLSLVRQGLIAPEVARRRAAQNSESMSF....	.	347
NTDB	id	1116	NGFG	RS10615	WP	003690200.1	.DCNGRVASHEILLIANPAVRNLIRENKITQINSVLQTGGQASGMTMDQSLSLSLVRQGLIAPEAARRAAQNSESMSF....	.	347
NTDB	id	1185	GTF74	RS11940	WP	000350195.1	.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGMQTMENAKQLIARGVVDAQEVSKIELDLKAF.....	.	345
NTDB	id	1176	A1552VC	RS01160	WP	000350195.1	.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGMQTMENAKQLIARGVVDAQEVSKIELDLKAF.....	.	345
NTDB	id	52543	KI242	RS29595	WP	015637368.1	.VGGGRVAAHEIMLGSPAIRNLIREDKVAQMYSIIQTGCAAGMRTLDMSLKALLGQGLISRDAQREQARMPESEF.....	.	344
NTDB	id	1283	ACE17W	RS02630	WP	010947729.1	.NKGGRVAALEIMMCTGAIRNLIREDKTAQMYSIIQTGQAKGMQTLTDQHLTELVNKNIIISKHTAHEEAALNK.SLF.....	.	344
NTDB	id	1259	GC085	RS10305	WP	010947729.1	.NKGGRVAALEIMMCTGAIRNLIREDKTAQMYSIIQTGQAKGMQTLTDQHLTELVNKNIIISKHTAHEEAALNK.SLF.....	.	344
NTDB	id	1194	PA0395	NP		249086.1	.IGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSIIQTGSLGMQTLDMCLKGLVAKGLISRENAREKAKIP.ENF.....	.	344
NTDB	id	1202	PSJM300	01600	AFN	76400.1	.VGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSIIQTGSLGMQTLDSCLKGLLAKGLISRDSAKEKAKQP.ENF.....	.	344
NTDB	id	1020	ACIAD	RS04210	WP	011182164.1	.EGGGRVAAHEIMIGTPAIRNLIREGKVAQMYSIIQTGATHGMTTLDQSLKQLLAKGINLNPTARAVAKSP.ESF.....	.	344
NTDB	id	1081	FDQ49	RS05335	WP	006581387.1	.NCGGRVAAHEIMIGTPAIRNLIRENKVAQMYSIIQTGANHGMTTLDQSLKGLVSRGVISPQTARTAAKQP.ESFL....	.	345
NTDB	id	1060	ABD1	RS04380	WP	000355489.1	.NCGGRVAAHEIMIGTPAIRNLIRENKVAQMYSIIQTGANHGMTTLDQSLKGLVARGVISPQTARTAAKQP.ESFL....	.	345
NTDB	id	1040	HON27	RS13360	WP	000355489.1	.NCGGRVAAHEIMIGTPAIRNLIRENKVAQMYSIIQTGANHGMTTLDQSLKGLVARGVISPQTARTAAKQP.ESFL....	.	345
consensus							***!***!*****!*** ***** !** ***** !**** !!*!*** * * * *		

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NTDB id 1436 BW25113 RS00530 WP 001025145.1		461
NTDB id 1177 A1552VC RS01165 WP 000422572.1	.KRGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	.GSETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.SEEANKPLDNRERMSEMER.....KMTFDGQRRNLK.....	383
NTDB id 1448 BW25113 RS15320 WP 001326494.1		326
NTDB id 1307 DR RS10055 WP 010888596.1	ASAGLGG.....ASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAAPATPAAPAAGRSEPGRAGGFGRR	418
NTDB id 1086 NMV RS00245 WP 002218487.1		347
NTDB id 1116 NGFG RS10615 WP 003690200.1		347
NTDB id 1185 GTF74 RS11940 WP 000350195.1		345
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NTDB id 1040 HON27 RS13360 WP 000355489.1		345
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved