

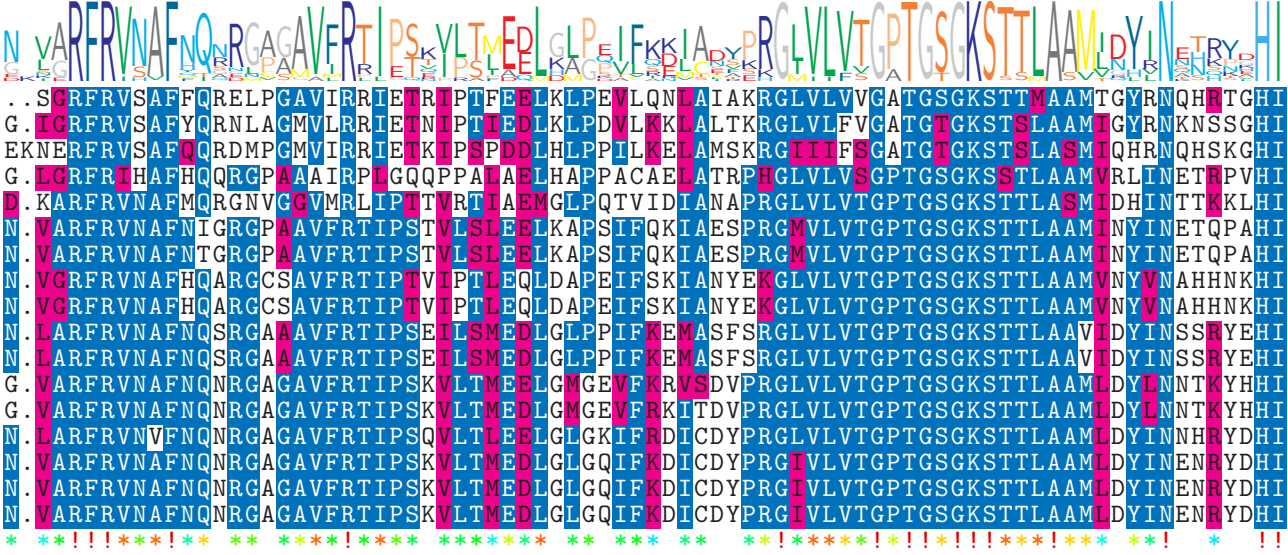
logo

NTDB id	1177	A1552VC	RS01165	WP	000422572.1
NTDB id	1203	PSJM300	01605	AFN76401.1	
NTDB id	1019	ACIAD	RS04205	WP	004922051.1
NTDB id	351149	E2K99	RS19455	WP	134223261.1
NTDB id	1307	DR	RS10055	WP	010888596.1
NTDB id	1086	NMV	RS00245	WP	002218487.1
NTDB id	1116	NGFG	RS10615	WP	003690200.1
NTDB id	1185	GTF74	RS11940	WP	000350195.1
NTDB id	1176	A1552VC	RS01160	WP	000350195.1
NTDB id	1283	ACE17W	RS02630	WP	010947729.1
NTDB id	1259	GC085	RS10305	WP	010947729.1
NTDB id	1194	PAKAF	RS01995	WP	003084552.1
NTDB id	1202	PSJM300	01600	AFN76400.1	
NTDB id	1020	ACIAD	RS04210	WP	01182164.1
NTDB id	1081	FDQ49	RS05335	WP	006581387.1
NTDB id	1060	ABD1	RS04380	WP	000355489.1
NTDB id	1040	HON27	RS13360	WP	000355489.1
consensus					



logo

NTDB id	1177	A1552VC	RS01165	WP	000422572.1
NTDB id	1203	PSJM300	01605	AFN76401.1	
NTDB id	1019	ACIAD	RS04205	WP	004922051.1
NTDB id	351149	E2K99	RS19455	WP	134223261.1
NTDB id	1307	DR	RS10055	WP	010888596.1
NTDB id	1086	NMV	RS00245	WP	002218487.1
NTDB id	1116	NGFG	RS10615	WP	003690200.1
NTDB id	1185	GTF74	RS11940	WP	000350195.1
NTDB id	1176	A1552VC	RS01160	WP	000350195.1
NTDB id	1283	ACE17W	RS02630	WP	010947729.1
NTDB id	1259	GC085	RS10305	WP	010947729.1
NTDB id	1194	PAKAF	RS01995	WP	003084552.1
NTDB id	1202	PSJM300	01600	AFN76400.1	
NTDB id	1020	ACIAD	RS04210	WP	01182164.1
NTDB id	1081	FDQ49	RS05335	WP	006581387.1
NTDB id	1060	ABD1	RS04380	WP	000355489.1
NTDB id	1040	HON27	RS13360	WP	000355489.1
consensus					



logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	LTIVEDPIEFVHEH	KRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSR	ETMEYAMTFAETGHL	CMATLHANNANQ	233
NTDB id 1203 PSJM300 01605 AFN76401.1	TSIEDPIEFTHQHQC	IVTQREVGLDTSFEVALKNTLRQAPDVLIGEVRTRETMDH	AVAF	ETGHLCLATLHANNANQ	235
NTDB id 1019 ACIAD RS04205 WP 004922051.1	ITIEDPIEFHHEHAGCI	ITQREVGLDTSFEIALKNTLRQAPDVLIGEIRSR	REVMDYALAF	ETGHLVFA	236
NTDB id 351149 E2K99 RS19455 WP 134223261.1	LTLEDPIEFVFLHTPC	RALVSQREIGTHVASFAQALRAALREDPDVLLV	GELRDTETIRL	LALTA	235
NTDB id 1307 DR RS10055 WP 010888596.1	LTIEDPIEFMHPNKAS	TINQREVGS	DTLSFDDALRAALRQAPDVLV	GEMRDYETIKA	239
NTDB id 1086 NMV RS00245 WP 002218487.1	LTIEDPIEFVHQSKKSL	INQRELHQHTLSFANALRSALREDPDVILV	GEMRDPETIGL	LALTA	235
NTDB id 1116 NGFG RS10615 WP 003690200.1	LTIEDPIEFVHQSKKSL	INQRELHQHTLSFANALSSALREDPDVILV	GEMRDPETIGL	LALTA	235
NTDB id 1185 GTF74 RS11940 WP 000350195.1	LTIEDPIEFVHSNNKCL	INQREVHRDTHSFKNALRSALREDPDVILV	GELRDQETIS	LALTA	235
NTDB id 1176 A1552VC RS01160 WP 000350195.1	LTIEDPIEFVHSNNKCL	INQREVHRDTHSFKNALRSALREDPDVILV	GELRDQETIS	LALTA	235
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LTVEDPIEFVHQSKKCL	VNQREVHKDTLSFNAALRSALREDPDIILV	GELRDLETIRL	LAMTA	235
NTDB id 1259 GC085 RS10305 WP 010947729.1	LTVEDPIEFVHQSKKCL	VNQREVHKDTLSFNAALRSALREDPDIILV	GELRDLETIRL	LAMTA	235
NTDB id 1194 PAKAF RS01995 WP 003084552.1	LTIEDPIEFVHESKKCL	VNQREVHRDTLGFSEALRSALREDPDIILV	GEMRDLETIRL	LALTA	235
NTDB id 1202 PSJM300 01600 AFN76400.1	LTIEDPIEFVHESKKCL	VNQREVHRDTLGFSEALRSALREDPDIILV	GEMRDLETIRL	LALTA	235
NTDB id 1020 ACIAD RS04210 WP 01182164.1	LTVEDPIEFVHEPKKCL	INQREVHRDTHG	FNEALRSALREDPDIILV	GEMRDLETIRL	235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LTVEDPIEFVHQSKKCL	INQREVHRDTHG	FNEALRSALREDPDIILV	GEMRDLETIRL	235
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LTVEDPIEFVHQSKKCL	INQREVHRDTHG	FNEALRSALREDPDIILV	GEMRDLETIRL	235
NTDB id 1040 HON27 RS13360 WP 000355489.1	LTVEDPIEFVHQSKKCL	INQREVHRDTHG	FNEALRSALREDPDIILV	GEMRDLETIRL	235
consensus	***!!!!!!	*****!!!!***** *	!!!!*****!!!!*****!!!!!!	!!!!*****!!!!*****!!!!!!	

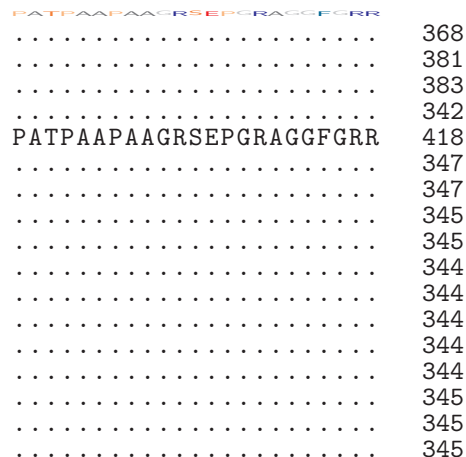
logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	ALERTIHIVPKEQREQFL	LDLSLNLKGVIAQQLLR	DKNGKGRHGVFEVLIN	SPRIADLIRRGELHELK	ATMARSQEVGMQ	313
NTDB id 1203 PSJM300 01605 AFN76401.1	ALDRIINFFPADRQ	NQVWMDLSLNLKAI	VAAQQLVPTPDGK	GRRRAVIEVLINT	PLAADLIRKGEVHELK	315
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TLERIIHFFDADR	HQQIFMDLSLNLK	AVISQQLIPTHDG	QSRRAAVEVLINT	PLLSDYIRGGEIYK	316
NTDB id 351149 E2K99 RS19455 WP 134223261.1	AVDRIIDAFPEGEK	DTARALLAEALQ	GVVAQVLLPSADGA	ARVAAHEVLVATA	AVRNLIREGRSAQL	315
NTDB id 1307 DR RS10055 WP 010888596.1	SIDRIVDVFP	EEQEQIRVQLANN	LAVMTQQLLPRAD	GQGRVLAYEILLAN	PAVRALIREGKTFQ	319
NTDB id 1086 NMV RS00245 WP 002218487.1	TVDRIVDVFPAGE	KEKEMVRSMLSESL	TAVISQNLKTHD	GNGRVASHEILIAN	PAVRNLIRENKIT	315
NTDB id 1116 NGFG RS10615 WP 003690200.1	TVDRIVDVFPAGE	KEKEMVRSMLSESL	TAVISQNLKTHD	GNGRVASHEILIAN	PAVRNLIRENKIT	315
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TIDRIIDVFP	PGSDKDMVRSMLSESL	RAVIAQKLLK	R.VGGGRVACHEIM	LATPAIRNLIREDK	314
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TIDRIIDVFP	PGSDKDMVRSMLSESL	RAVIAQKLLK	R.VGGGRVACHEIM	LATPAIRNLIREDK	314
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TINRIIDVFP	PAEEKSMVRSMLSESL	QAVVAQSLLK	K.NKGGRVAALEIM	MCTGAIRNLIREDK	314
NTDB id 1259 GC085 RS10305 WP 010947729.1	TINRIIDVFP	PAEEKSMVRSMLSESL	QAVVAQSLLK	K.NKGGRVAALEIM	MCTGAIRNLIREDK	314
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TIDRVVDVFP	PAEEKAMVRSMLSESL	QSVISQTLIK	K.IGGGRVAAHEIM	IGTPAIRNLIREDK	314
NTDB id 1202 PSJM300 01600 AFN76400.1	TIDRVVDVFP	PAEEKSMVRSMLSESL	QAVISQTLIK	K.VGGGRVAAHEIM	IGTPAIRNLIREDK	314
NTDB id 1020 ACIAD RS04210 WP 01182164.1	TIDRIIDVFP	PAEEKDMVRTMLSESL	QAVISQTLIK	K.EGGGRVAAHEIM	IGIPAIRNLIREGK	314
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TIDRVVIDVFP	PAEEKDMVRAMLSESL	QAVISQTLIK	K.NGGGRVAAHEIM	IGIPAIRNLIRENK	314
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TIDRVVIDVFP	PAEEKDMVRAMLSESL	QAVISQTLIK	K.NGGGRVAAHEIM	IGIPAIRNLIRENK	314
NTDB id 1040 HON27 RS13360 WP 000355489.1	TIDRVVIDVFP	PAEEKDMVRAMLSESL	QAVISQTLIK	K.NGGGRVAAHEIM	IGIPAIRNLIRENK	314
consensus	*****	*****	*****	*****	*****	*****

NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 351149 E2K99 RS19455 WP 134223261.1
NTDB id 1307 DR RS10055 WP 01088596.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
NTDB id 1194 PAKAF RS01995 WP 003084552.1
NTDB id 1202 PSJM300 01600 AFN76400.1
NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
consensus



NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 351149 E2K99 RS19455 WP 134223261.1
NTDB id 1307 DR RS10055 WP 01088596.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
NTDB id 1194 PAKAF RS01995 WP 003084552.1
NTDB id 1202 PSJM300 01600 AFN76400.1
NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
consensus



-  non conserved
-  similar
-  > 50% conserved