logo


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consensus
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NTDB id 1307 DR RS10055 WP 010888596.1         ................................................................................   0
NTDB id 1086 NMV RS00245 WP 002218487.1        ................................................................................   0
NTDB id 1116 NGFG RS10615 WP 003690200.1       ................................................................................   0
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NTDB id 1259 GCO85 RS10305 WP 010947729.1      ................................................................................   0
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NTDB id 1194 PAKAF RS01995 WP 003084552.1      ................................................................................   0
NTDB id 1020 ACIAD RS04210 WP 011182164.1      ................................................................................   0
NTDB id 1060 ABD1 RS04380 WP 000355489.1       ................................................................................   0
NTDB id 1040 HON27 RS13360 WP 000355489.1      ................................................................................   0
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consensus
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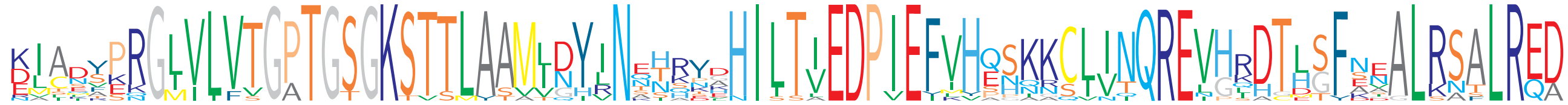
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NTDB id 1203 PSJM300 01605 AFN76401.1          ..............................MEFEKLLRLMVEKGGSDLFITA...GVPPSMKVNGKILPVNKTPMSPE   45
NTDB id 1019 ACIAD RS04205 WP 004922051.1      ..............................MDFNDLLNLMAKHKASDLFITA...GVEPSLKINGEITPVSKTKLDGD   45
NTDB id 1011665 ABRU06 RS00755 WP 001618842.1  ..............................MNMEEIVALSVKHNVSDLHLCS...AWPARWRIRGLMEA...APFDAP   42
NTDB id 1307 DR RS10055 WP 010888596.1         ........................MTSGIDITDILRLAAADKGASDIILAA...GLPPQFKLSGDYDAQGFEPLSAS   49
NTDB id 1086 NMV RS00245 WP 002218487.1        ..............................MQITDLLAFGAKNKASDLHLSS...GISPMIRVHGDMRRINLPEMSAE   45
NTDB id 1116 NGFG RS10615 WP 003690200.1       ..............................MQITDLLAFGAKNKASDLHLSS...GISPMIRVHGDMRRINLPEMSAE   45
NTDB id 1185 GTF74 RS11940 WP 000350195.1      ..............................MDIAELLEFSVKHNASDLHLSA...GVPPMVRIDGEVRKLGVPAFTHS   45
NTDB id 1176 A1552VC RS01160 WP 000350195.1    ..............................MDIAELLEFSVKHNASDLHLSA...GVPPMVRIDGEVRKLGVPAFTHS   45
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NTDB id 1060 ABD1 RS04380 WP 000355489.1       ..............................MDITELLAFSVKNGASDLHLSA...GMPPMIRVDGEVRRINLPALEHK   45
NTDB id 1040 HON27 RS13360 WP 000355489.1      ..............................MDITELLAFSVKNGASDLHLSA...GMPPMIRVDGEVRRINLPALEHK   45
NTDB id 1081 FDQ49 RS05335 WP 006581387.1      ..............................MDITELLAFSVKNGASDLHLSA...GMPPMIRVDGEVRRINLPALEHK   45
consensus                                                                     *** ********* *!!***** *********!********* ***
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NTDB id 1203 PSJM300 01605 AFN76401.1          MTRETVHGVMNEQQRRE..FTENHECNFAISARG.IGRFRVSAFYQRNLAGMVLRRIETNIP..TIEDLKLPDV....LK  116
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NTDB id 1011665 ABRU06 RS00755 WP 001618842.1  DVEELLREWLDDDQRAI..LLENGQLDFAVSLAE.NQRLRGSAFAQRHGISLALRLLPSHCP..QLEQLGAPTV....LP  113
NTDB id 1307 DR RS10055 WP 010888596.1         DTRKLMYSMMNERQQRI..FEEKRELDFSFALGD.KARFRVNAFMQRGNVGGVMRLIPTTVR..TIAEMGLPQT....VI  120
NTDB id 1086 NMV RS00245 WP 002218487.1        EVGNMVTSVMNDHQRKI..YQQNLEVDFSFELPN.VARFRVNAFNIGRGPAAVFRTIPSTVL..SLEELKAPSI....FQ  116
NTDB id 1116 NGFG RS10615 WP 003690200.1       EVGNMVTSVMNDHQRKI..YQQNLEVDFSFELPN.VARFRVNAFNTGRGPAAVFRTIPSTVL..SLEELKAPSI....FQ  116
NTDB id 1185 GTF74 RS11940 WP 000350195.1      DVHRLIFEIMNDAQRSE..YEEKLEVDFSFELPN.VGRFRVNAFHQARGCSAVFRTIPTVIP..TLEQLDAPEI....FS  116
NTDB id 1176 A1552VC RS01160 WP 000350195.1    DVHRLIFEIMNDAQRSE..YEEKLEVDFSFELPN.VGRFRVNAFHQARGCSAVFRTIPTVIP..TLEQLDAPEI....FS  116
NTDB id 1283 ACE17W RS02630 WP 010947729.1     DVIKIIYDIMNDRQRKE..YEEFFETDFSFEIAN.LARFRVNAFNQSRGAAAVFRTIPSEIL..SMEDLGLPPI....FK  116
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NTDB id 1194 PAKAF RS01995 WP 003084552.1      QVHALIYDIMNDKQRKD..FEEFLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIPSKVL..TMEELGMGEV....FK  116
NTDB id 1020 ACIAD RS04210 WP 011182164.1      EVHNLIYDIMNDKQRRD..YEEKLETDFSFEVPN.LARFRVNVFNQNRGAGAVFRTIPSQVL..TLEELGLGKI....FR  116
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consensus                                      **  ************** *** ** ******** ****!****** ** ****!**** **  ********* *    **
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NTDB id 1040 HON27 RS13360 WP 000355489.1      DICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALRED   196
NTDB id 1081 FDQ49 RS05335 WP 006581387.1      DICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALRED   196
consensus                                       **  **!*****!*!!*!!******** **!  *  *!***!!!*!*** ******************  *!***!!**
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NTDB id 1203 PSJM300 01605 AFN76401.1          PDVILIGEVRTRETMDHAVAFAETGHLCLATLHANNANQALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVP......   270
NTDB id 1019 ACIAD RS04205 WP 004922051.1      PDVILIGEIRSREVMDYALAFAETGHLVFATLHANNANQTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIP......   271
NTDB id 1011665 ABRU06 RS00755 WP 001618842.1  PDVILLGELRDSETIRLALTAAETGHLVLATLHTRGAAQSVERLVDSFPAQEKDPVRNQLAGSLRAVLSQKLEV......   267
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NTDB id 1060 ABD1 RS04380 WP 000355489.1       PDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKTIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLK......   270
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1      PDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKTIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLK......   270
consensus                                      !!*!**!!*!* !****!***!*!!!!***!!!***!*****!************** ****** ****! !**
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NTDB id 1019 ACIAD RS04205 WP 004922051.1        ....................................THDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELMARSGELGM 315
NTDB id 1011665 ABRU06 RS00755 WP 001618842.1   ....................................D.KQEGRVALFELLINTPAVGNLIREGKTHQLPHVIQTGQQVGM 310
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NTDB id 1185 GTF74 RS11940 WP 000350195.1        ....................................R.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGM 313
NTDB id 1176 A1552VC RS01160 WP 000350195.1      ....................................R.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGM 313
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NTDB id 1259 GC085 RS10305 WP 010947729.1        ....................................K.NKGGRVAALEIMMCTGAIRNLIREDKIAQMYSSIQTGQAKGM 313
NTDB id 1202 PSJM300 01600 AFN76400.1            ....................................K.VGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSSIQTGGSLGM 313
NTDB id 1194 PAKAF RS01995 WP 003084552.1        ....................................K.IGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTGGSLGM 313
NTDB id 1020 ACIAD RS04210 WP 011182164.1        ....................................K.EGGGRVAAHEIMIGIPAIRNLIREGKVAQMYSSIQTGATHGM 313
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NTDB id 1040 HON27 RS13360 WP 000355489.1        ....................................K.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGM 313
NTDB id 1081 FDQ49 RS05335 WP 006581387.1        ....................................K.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGM 313
consensus                                                                            *  ***!****!***********!** ******* *****  !!
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NTDB id 1086 NMV RS00245 WP 002218487.1          QTMDQSLQSLVRQGLIAPEVARRRAQNSESMSF............................................... 347
NTDB id 1116 NGFG RS10615 WP 003690200.1         QTMDQSLQSLVRQGLIAPEAARRRAQNSESMSF............................................... 347
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1        TTLDQSLKGLVSRGVISPQTARTAAKQP.ESFL............................................... 345
consensus                                        *!*** *  ** *****   *   *      *
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NTDB id 1251 GCO85 RS07725 WP 011946523.1	.....	574
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NTDB id 1011665 ABRU06 RS00755 WP 001618842.1	.....	326
NTDB id 1307 DR RS10055 WP 010888596.1	AAPATPAAPAAGRSEPGRAGGFGRR	418
NTDB id 1086 NMV RS00245 WP 002218487.1	.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	.....	347
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NTDB id 1283 ACE17W RS02630 WP 010947729.1	.....	344
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NTDB id 1060 ABD1 RS04380 WP 000355489.1	.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	.....	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	.....	345

consensus

X non conserved
X similar
X $\geq$ 50% conserved