logo



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NTDB id 1251 GCO85 RS07725 WP 011946523.1    MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKNKILSAEQIALTAAQNFGVPMLDINCIDVGTI    80
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NTDB id 1307 DR RS10055 WP 010888596.1       ................................................................................    0
NTDB id 1086 NMV RS00245 WP 002218487.1      ................................................................................    0
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NTDB id 1176 A1552VC RS01160 WP 000350195.1  ................................................................................    0
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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
NTDB id 1185 GTF74 RS11940 WP 000350195.1    ................................................................................    0
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NTDB id 1283 ACE17W RS02630 WP 010947729.1   ................................................................................    0
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NTDB id 1194 PAKAF RS01995 WP 003084552.1    ................................................................................    0
NTDB id 1202 PSJM300 01600 AFN76400.1        ................................................................................    0
NTDB id 1020 ACIAD RS04210 WP 011182164.1    ................................................................................    0
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consensus
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NTDB id 1177 A1552VC RS01165 WP 000422572.1  ..............................MELNQYLDGMLTHKASDLYITV...GAPILYRVDGELRAQGEAL.SVA    44
NTDB id 1203 PSJM300 01605 AFN76401.1        ..............................MEFEKLLRLMVEKGGSDLFITA...GVPPSMKVNGKILPVNKTPMSPE    45
NTDB id 1019 ACIAD RS04205 WP 004922051.1    ..............................MDFNDLLNLMAKHKASDLFITA...GVEPSLKINGEITPVSKTKLDGD    45
NTDB id 382084 FYA18 RS08860 WP 001326494.1  ..............................MNMEEIVALSVKHNVSDLHLCS...AWPARWRIRGRMEA...APFDTP    42
NTDB id 1307 DR RS10055 WP 010888596.1       .........................MTSGIDITDILRLAADKGASDIILAA...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 1194 PAKAF RS01995 WP 003084552.1    ..............................MDITELLAFSAKQGASDLHLSA...GLPPMIRVDGDVRRINLPPLEHK    45
NTDB id 1202 PSJM300 01600 AFN76400.1        ..............................MDITELLAFSAKQGASDLHLSS...GLPPMIRVDGDVRRINLPAMDHK    45
NTDB id 1020 ACIAD RS04210 WP 011182164.1    ..............................MDITELLAFSVQNRASDLHLSA...GIPPMIRVDGEVRRINLPAMDHS    45
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    ..............................MDITELLAFSVKNGASDLHLSA...GMPPMIRVDGEVRRINLPALEHK    45
NTDB id 1060 ABD1 RS04380 WP 000355489.1     ..............................MDITELLAFSVKNGASDLHLSA...GMPPMIRVDGEVRRINLPALEHK    45
NTDB id 1040 HON27 RS13360 WP 000355489.1    ..............................MDITELLAFSVKNGASDLHLSA...GMPPMIRVDGEVRRINLPALEHK    45
consensus                                                                    *** ********* *!!***** *********!********* ***
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NTDB id 1177 A1552VC RS01165 WP 000422572.1  DVTALLLHAMMDDARQAE..FKQTREANFAVVRD..SGRFRVSAFFQRELPGAVIRRIETRIP..TFEELKLPEV....LQ   114
NTDB id 1203 PSJM300 01605 AFN76401.1        MTRETVHGVMNEQQRRE..FTENHECNFAISARG.IGRFRVSAFYQRNLAGMVLRRIETNIP..TIEDLKLPDV....LK   116
NTDB id 1019 ACIAD RS04205 WP 004922051.1    MIAQLIDSITTQKQRQE..FIETHECNFAILNREKNERFRVSAFQQRDMPGMVIRRIETKIP..SPDDLHLPPI....LK   117
NTDB id 382084 FYA18 RS08860 WP 001326494.1  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 1202 PSJM300 01600 AFN76400.1        QVHALIYDIMNDKQRKD..FEEFLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIPSKVL..TMEDLGMGEV....FR   116
NTDB id 1020 ACIAD RS04210 WP 011182164.1    EVHNLIYDIMNDKQRRD..YEEKLETDFSFEVPN.LARFRVNVFNQNRGAGAVFRTIPSQVL..TLEELGLGKI....FR   116
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    DVHRLVYDIMNDKQRRD..YEEKLETDFSFEVPN.VARFRVNAFNQNRGAGAVFRTIPSKVL..TMEDLGLGQI....FK   116
NTDB id 1060 ABD1 RS04380 WP 000355489.1     DVHRLVYDIMNDKQRRD..YEEKLETDFSFEVPN.VARFRVNAFNQNRGAGAVFRTIPSKVL..TMEDLGLGQI....FK   116
NTDB id 1040 HON27 RS13360 WP 000355489.1    DVHRLVYDIMNDKQRRD..YEEKLETDFSFEVPN.VARFRVNAFNQNRGAGAVFRTIPSKVL..TMEDLGLGQI....FK   116
consensus                                    **  ************** *** ** ******** ****!******* ** ****!**** **  ********* *    **
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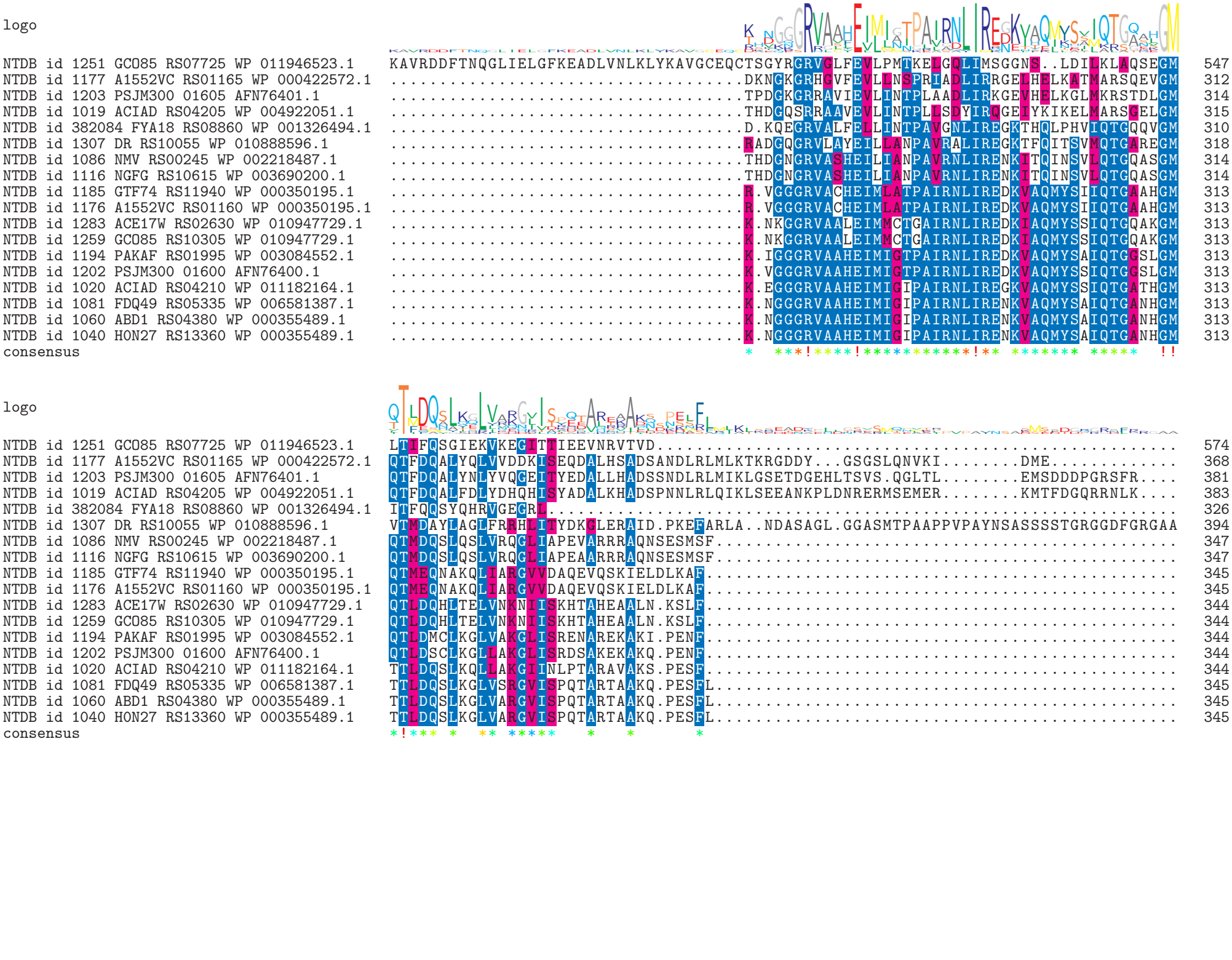


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NTDB id 1203 PSJM300 01605 AFN76401.1        KLALTKRGLVLFVGATGTGKSTSLAAMIGYRNKNSSGHITSIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQA  196
NTDB id 1019 ACIAD RS04205 WP 004922051.1    ELAMSKRGIIIFSGATGTGKSTSLASMIQHRNQHSKGHIITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQA  197
NTDB id 382084 FYA18 RS08860 WP 001326494.1  ELLKSENGLILVTGATGSGKSTTLAAMVGYLNQHADAHILTLEDPVEYLYASQRCLIQQREIGLHCMTFASGLRAALRED  193
NTDB id 1307 DR RS10055 WP 010888596.1       DIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHILTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQA  200
NTDB id 1086 NMV RS00245 WP 002218487.1      KIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHILTIEDPIEFVHQSKKSLINQRELHQHTLSFANALRSALRED  196
NTDB id 1116 NGFG RS10615 WP 003690200.1     KIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHILTIEDPIEFVHQSKKSLINQRELHQHTLSFANALSSALRED  196
NTDB id 1185 GTF74 RS11940 WP 000350195.1    KIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHILTIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALRED  196
NTDB id 1176 A1552VC RS01160 WP 000350195.1  KIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHILTIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALRED  196
NTDB id 1283 ACE17W RS02630 WP 010947729.1   EMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHILTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALRED  196
NTDB id 1259 GCO85 RS10305 WP 010947729.1    EMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHILTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALRED  196
NTDB id 1194 PAKAF RS01995 WP 003084552.1    RVSDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHILTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALRED  196
NTDB id 1202 PSJM300 01600 AFN76400.1        KITDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHILTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALRED  196
NTDB id 1020 ACIAD RS04210 WP 011182164.1    DICDYPRGLVLVTGPTGSGKSTTLAAMLDYINNHRYDHILTVEDPIEFVHEPKKCLINQREVHRDTLGFNEALRSALRED  196
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    DICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALRED  196
NTDB id 1060 ABD1 RS04380 WP 000355489.1     DICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALRED  196
NTDB id 1040 HON27 RS13360 WP 000355489.1    DICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALRED  196
consensus                                     **  **!******!*!!*!!*********  **!  *  *!***!!!*!*** ******************  *!***!!**
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NTDB id 1177 A1552VC RS01165 WP 000422572.1  PDMILIGEIRSRETMEYAMTFAETGHLCMATLHANNANQALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLR......  268
NTDB id 1203 PSJM300 01605 AFN76401.1        PDVILIGEVRTRETMDHAVAFAETGHLCLATLHANNANQALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVP......  270
NTDB id 1019 ACIAD RS04205 WP 004922051.1    PDVILIGEIRSREVMDYALAFAETGHLVFATLHANNANQTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIP......  271
NTDB id 382084 FYA18 RS08860 WP 001326494.1  PDVILLGELRDSETIRLALTAAETGHLVLATLHTRGAAQAVERLVDSFPAQEKDPVRNQLAGSLRAVLSQKLEV......  267
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NTDB id 1202 PSJM300 01600 AFN76400.1        PDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKTIDRVVDVFPAEEKSMVRSMLSESLQAVISQTLLK......  270
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NTDB id 1060 ABD1 RS04380 WP 000355489.1     PDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKTIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLK......  270
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consensus                                     !!*!**!!*!*  !****!***!*!!!!***!!!***!*****!**************** ******  ****!  !**
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NTDB id 1177 A1552VC RS01165 WP 000422572.1 .....DKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARSQEVGM 312
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NTDB id 1019 ACIAD RS04205 WP 004922051.1 .....THDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELMARSGELGM 315
NTDB id 382084 FYA18 RS08860 WP 001326494.1 .....D.KQEGRVALFELLINTPAVGNLIREGKTHQLPHVIQTGQQVGM 310
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NTDB id 1086 NMV RS00245 WP 002218487.1 .....THDGNGRVASHEILIANPAVRNLIRENKITQINSVLQTGQASGM 314
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NTDB id 1185 GTF74 RS11940 WP 000350195.1 .....R.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGM 313
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NTDB id 1040 HON27 RS13360 WP 000355489.1 .....K.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGM 313
consensus
logo
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NTDB id 1086 NMV RS00245 WP 002218487.1 QTMDQSLQSLVRQGLIAPEVARRRAQNSESMSF..... 347
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consensus

logo



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NTDB id 1081 FDQ49 RS05335 WP 006581387.1     ..........................   345
NTDB id 1060 ABD1 RS04380 WP 000355489.1      ..........................   345
NTDB id 1040 HON27 RS13360 WP 000355489.1     ..........................   345
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consensus

X non conserved
X similar
X ≥ 50% conserved