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gi\_122166028\_sp\_Q09G39.1\_ATPB\_PLAOC len=498 ExpAA=0.14 First60=0.00 PredHel=0 Topology=o

gi\_37720941\_gb\_AAN32473.1\_ len=481 ExpAA=0.11 First60=0.01 PredHel=0 Topology=o

gi\_13236786\_gb\_AAK14698.1\_ len=498 ExpAA=0.16 First60=0.03 PredHel=0 Topology=o

gi\_147838606\_emb\_CAN69512.1\_ len=560 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

gi\_8134570\_sp\_Q42699.1\_METE\_CATRO len=765 ExpAA=0.01 First60=0.00 PredHel=0 Topology=o

gi\_123325687\_gb\_ABM74468.1\_ len=466 ExpAA=0.05 First60=0.00 PredHel=0 Topology=o

gi\_225810599\_gb\_ACO34814.1\_ len=757 ExpAA=0.04 First60=0.00 PredHel=0 Topology=o

gi\_14718206\_gb\_AAK72841.1\_ len=482 ExpAA=0.17 First60=0.04 PredHel=0 Topology=o

gi\_61968201\_gb\_AAX57027.1\_ len=479 ExpAA=0.15 First60=0.00 PredHel=0 Topology=o

gi\_17939849\_emb\_CAC81058.1\_ len=589 ExpAA=0.05 First60=0.00 PredHel=0 Topology=o

gi\_9466236\_gb\_AAF76332.2\_ len=375 ExpAA=0.46 First60=0.36 PredHel=0 Topology=o

gi\_21389109\_gb\_AAM50489.1\_ len=372 ExpAA=0.46 First60=0.32 PredHel=0 Topology=o

gi\_464024\_gb\_AAA16968.1\_ len=475 ExpAA=0.14 First60=0.00 PredHel=0 Topology=o

gi\_33312161\_gb\_AAQ04019.1\_ len=440 ExpAA=0.15 First60=0.00 PredHel=0 Topology=o

gi\_4038532\_emb\_CAB02226.1\_ len=455 ExpAA=0.18 First60=0.00 PredHel=0 Topology=o

gi\_62861063\_gb\_AAY16643.1\_ len=465 ExpAA=0.13 First60=0.00 PredHel=0 Topology=o

gi\_7677038\_gb\_AAF66999.1\_AF139877\_1 len=449 ExpAA=0.25 First60=0.00 PredHel=0 Topology=o

gi\_297828850\_ref\_XP\_002882307.1\_ len=765 ExpAA=0.09 First60=0.00 PredHel=0 Topology=o

gi\_20257374\_gb\_AAM15869.1\_ len=363 ExpAA=0.13 First60=0.01 PredHel=0 Topology=o

gi\_1703107\_sp\_P53504.1\_ACT1\_SORBI len=377 ExpAA=1.01 First60=0.00 PredHel=0 Topology=o

gi\_119952178\_dbj\_BAA96365.3\_ len=332 ExpAA=0.80 First60=0.00 PredHel=0 Topology=o

gi\_257344495\_emb\_CBC02905.1\_ len=652 ExpAA=0.03 First60=0.01 PredHel=0 Topology=o

gi\_257344397\_emb\_CBC02856.1\_ len=651 ExpAA=0.02 First60=0.00 PredHel=0 Topology=o

gi\_312281705\_dbj\_BAJ33718.1\_ len=437 ExpAA=0.30 First60=0.22 PredHel=0 Topology=o

gi\_125555777\_gb\_EAZ01383.1\_ len=527 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_14594788\_emb\_CAC43404.1\_ len=443 ExpAA=0.08 First60=0.00 PredHel=0 Topology=o

gi\_255566442\_ref\_XP\_002524206.1\_ len=473 ExpAA=0.22 First60=0.14 PredHel=0 Topology=o

gi\_552890\_gb\_AAA84647.1\_ len=443 ExpAA=0.12 First60=0.00 PredHel=0 Topology=o

gi\_17224671\_gb\_AAL37070.1\_ len=346 ExpAA=0.46 First60=0.31 PredHel=0 Topology=o

gi\_37722344\_gb\_AAN34911.1\_ len=460 ExpAA=0.14 First60=0.00 PredHel=0 Topology=o

gi\_1050426\_emb\_CAA58603.1\_ len=469 ExpAA=0.05 First60=0.00 PredHel=0 Topology=o

gi\_15187136\_gb\_AAK91305.1\_ len=327 ExpAA=1.30 First60=1.09 PredHel=0 Topology=o

gi\_32332099\_gb\_AAO73531.1\_ len=372 ExpAA=0.82 First60=0.57 PredHel=0 Topology=o

gi\_114527\_sp\_P06450.1\_ATPA\_SPIOL len=507 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

gi\_170516170\_gb\_ACB15095.1\_ len=454 ExpAA=0.07 First60=0.00 PredHel=0 Topology=o

gi\_4512327\_dbj\_BAA75231.1\_ len=155 ExpAA=6.87 First60=0.00 PredHel=0 Topology=o

gi\_300262872\_gb\_EFJ47076.1\_ len=409 ExpAA=0.01 First60=0.00 PredHel=0 Topology=o

gi\_222853777\_gb\_EEE91324.1\_ len=354 ExpAA=15.64 First60=14.94 PredHel=0 Topology=o

gi\_301176645\_gb\_ADK66339.1\_ len=1028 ExpAA=19.86 First60=19.85 PredHel=1 Topology=i7-29o

gi\_121309841\_dbj\_BAF44222.1\_ len=307 ExpAA=19.93 First60=14.39 PredHel=0 Topology=o

gi\_3913786\_sp\_Q42434.1\_BIP\_SPIOL len=668 ExpAA=18.64 First60=18.61 PredHel=1 Topology=i9-28o

gi\_110740085\_dbj\_BAF01944.1\_ len=393 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

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gi\_74053562\_sp\_Q40665.2\_TBB3\_ORYSJ len=446 ExpAA=0.04 First60=0.00 PredHel=0 Topology=o

gi\_37574478\_gb\_AAM98365.1\_ len=264 ExpAA=0.93 First60=0.79 PredHel=0 Topology=o

gi\_61659100\_gb\_AAX49653.1\_ len=166 ExpAA=0.18 First60=0.00 PredHel=0 Topology=o

gi\_21105258\_gb\_AAM34575.1\_ len=245 ExpAA=0.25 First60=0.00 PredHel=0 Topology=o

gi\_46325913\_gb\_AAS88137.1\_ len=261 ExpAA=0.66 First60=0.00 PredHel=0 Topology=o

gi\_223533169\_gb\_EEF34926.1\_ len=373 ExpAA=0.08 First60=0.06 PredHel=0 Topology=o

gi\_188526499\_gb\_ACD62225.1\_ len=277 ExpAA=0.44 First60=0.00 PredHel=0 Topology=o

gi\_50284513\_dbj\_BAD29709.1\_ len=396 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_262410515\_gb\_ACY66804.1\_ len=254 ExpAA=0.16 First60=0.00 PredHel=0 Topology=o

gi\_21311559\_gb\_AAM46780.1\_AF467803\_1 len=396 ExpAA=0.09 First60=0.00 PredHel=0 Topology=o

gi\_222836150\_gb\_EEE74571.1\_ len=496 ExpAA=0.44 First60=0.00 PredHel=0 Topology=o

gi\_194703312\_gb\_ACF85740.1\_ len=265 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_188037513\_gb\_ACD46367.1\_ len=202 ExpAA=0.12 First60=0.00 PredHel=0 Topology=o

gi\_308742593\_gb\_ADO33444.1\_ len=513 ExpAA=142.68 First60=0.00 PredHel=6 Topology=i89-111o149-171i200-222o273-290i311-333o466-485i

gi\_224074105\_ref\_XP\_002304255.1\_ len=481 ExpAA=0.08 First60=0.00 PredHel=0 Topology=o

gi\_223542730\_gb\_EEF44267.1\_ len=615 ExpAA=3.26 First60=0.00 PredHel=0 Topology=o

gi\_224137704\_ref\_XP\_002322623.1\_ len=1491 ExpAA=0.21 First60=0.00 PredHel=0 Topology=o

gi\_1229138\_gb\_AAB07749.1\_ len=161 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_22655284\_gb\_AAM98232.1\_ len=447 ExpAA=0.05 First60=0.00 PredHel=0 Topology=o

gi\_37959586\_gb\_AAP42906.1\_ len=423 ExpAA=0.33 First60=0.00 PredHel=0 Topology=o

gi\_224056853\_ref\_XP\_002299056.1\_ len=357 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

gi\_219797738\_emb\_CAW55669.1\_ len=967 ExpAA=0.05 First60=0.00 PredHel=0 Topology=o

gi\_223529618\_gb\_EEF31566.1\_ len=249 ExpAA=0.17 First60=0.00 PredHel=0 Topology=o

gi\_223546334\_gb\_EEF47836.1\_ len=264 ExpAA=0.08 First60=0.00 PredHel=0 Topology=o

gi\_59938793\_gb\_AAX12161.1\_ len=97 ExpAA=0.13 First60=0.08 PredHel=0 Topology=o

gi\_257696350\_emb\_CBC70129.1\_ len=250 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

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gi\_171259300\_ref\_YP\_654212.2\_ len=507 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

gi\_223533733\_gb\_EEF35467.1\_ len=1632 ExpAA=0.14 First60=0.00 PredHel=0 Topology=o

gi\_187453117\_emb\_CAP72489.1\_ len=360 ExpAA=9.07 First60=9.05 PredHel=0 Topology=o

gi\_114804260\_ref\_YP\_762256.1\_ len=353 ExpAA=132.80 First60=23.05 PredHel=6 Topology=i28-50o109-128i141-163o168-185i197-219o270-292i

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gi\_297804932\_ref\_XP\_002870350.1\_ len=485 ExpAA=0.02 First60=0.00 PredHel=0 Topology=o

gi\_225446775\_ref\_XP\_002283048.1\_ len=259 ExpAA=0.07 First60=0.04 PredHel=0 Topology=o

gi\_255540075\_ref\_XP\_002511102.1\_ len=924 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

gi\_1895084\_gb\_AAB49896.1\_ len=364 ExpAA=0.02 First60=0.00 PredHel=0 Topology=o

gi\_147801802\_emb\_CAN74538.1\_ len=587 ExpAA=0.01 First60=0.00 PredHel=0 Topology=o

gi\_15809970\_gb\_AAL06912.1\_ len=444 ExpAA=9.94 First60=0.00 PredHel=0 Topology=o

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gi\_222834384\_gb\_EEE72861.1\_ len=472 ExpAA=0.06 First60=0.00 PredHel=0 Topology=o

gi\_227467174\_emb\_CAY37595.1\_ len=744 ExpAA=1.37 First60=0.00 PredHel=0 Topology=o

gi\_115444503\_ref\_NP\_001046031.1\_ len=411 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_116831754\_gb\_ABK28851.1\_ len=451 ExpAA=1.83 First60=0.00 PredHel=0 Topology=o

gi\_146744194\_gb\_ABQ43266.1\_ len=133 ExpAA=0.08 First60=0.07 PredHel=0 Topology=o

gi\_147770035\_emb\_CAN74334.1\_ len=372 ExpAA=1.11 First60=0.04 PredHel=0 Topology=o

gi\_241941185\_gb\_EES14330.1\_ len=788 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_147795191\_emb\_CAN69459.1\_ len=453 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

gi\_225466944\_ref\_XP\_002263330.1\_ len=142 ExpAA=14.05 First60=14.05 PredHel=0 Topology=o

gi\_108710847\_gb\_ABF98642.1\_ len=451 ExpAA=1.90 First60=0.00 PredHel=0 Topology=o

gi\_2982322\_gb\_AAC32146.1\_ len=204 ExpAA=0.13 First60=0.11 PredHel=0 Topology=o

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gi\_302399079\_gb\_ADL36834.1\_ len=527 ExpAA=1.38 First60=1.37 PredHel=0 Topology=o

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gi\_283146497\_gb\_ADB13189.1\_ len=88 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_226320258\_gb\_ACO48250.1\_ len=966 ExpAA=0.01 First60=0.00 PredHel=0 Topology=o

gi\_255638991\_gb\_ACU19796.1\_ len=315 ExpAA=0.16 First60=0.00 PredHel=0 Topology=o

gi\_118488483\_gb\_ABK96055.1\_ len=429 ExpAA=3.47 First60=0.50 PredHel=0 Topology=o

gi\_105873020\_gb\_ABF74733.1\_ len=181 ExpAA=0.04 First60=0.04 PredHel=0 Topology=o

gi\_241919731\_gb\_EER92875.1\_ len=712 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_106879575\_emb\_CAJ38371.1\_ len=212 ExpAA=22.20 First60=22.20 PredHel=1 Topology=o15-37i

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gi\_162673928\_gb\_EDQ60444.1\_ len=358 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_219908399\_emb\_CAX03474.1\_ len=332 ExpAA=4.23 First60=4.23 PredHel=0 Topology=o

gi\_224069046\_ref\_XP\_002326261.1\_ len=560 ExpAA=0.01 First60=0.00 PredHel=0 Topology=o

gi\_113649478\_dbj\_BAF29990.1\_ len=220 ExpAA=0.11 First60=0.00 PredHel=0 Topology=o

gi\_147790711\_emb\_CAN76515.1\_ len=130 ExpAA=0.05 First60=0.02 PredHel=0 Topology=o

gi\_297853126\_ref\_XP\_002894444.1\_ len=668 ExpAA=4.38 First60=4.36 PredHel=0 Topology=o

gi\_147782460\_emb\_CAN61919.1\_ len=802 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_197916899\_gb\_ABS42984.2\_ len=249 ExpAA=0.08 First60=0.00 PredHel=0 Topology=o

gi\_118487642\_gb\_ABK95646.1\_ len=290 ExpAA=16.05 First60=0.02 PredHel=0 Topology=o

gi\_298205241\_emb\_CBI17300.3\_ len=244 ExpAA=0.02 First60=0.00 PredHel=0 Topology=o

gi\_116783314\_gb\_ABK22887.1\_ len=199 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

gi\_219726082\_emb\_CAW50713.1\_ len=389 ExpAA=0.92 First60=0.69 PredHel=0 Topology=o

gi\_2253221\_gb\_AAB62882.1\_ len=336 ExpAA=2.47 First60=0.00 PredHel=0 Topology=o

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gi\_147805559\_emb\_CAN65023.1\_ len=386 ExpAA=0.10 First60=0.00 PredHel=0 Topology=o

gi\_147854971\_emb\_CAN80262.1\_ len=358 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_159147191\_gb\_ABW90990.1\_ len=287 ExpAA=16.29 First60=0.00 PredHel=0 Topology=o

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gi\_215692861\_dbj\_BAG88281.1\_ len=153 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

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gi\_108860772\_sp\_Q1S9I9.3\_H2B1\_MEDTR len=148 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_17976705\_emb\_CAC80839.2\_ len=571 ExpAA=0.08 First60=0.02 PredHel=0 Topology=o

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gi\_2196542\_gb\_AAB61213.1\_ len=197 ExpAA=0.30 First60=0.28 PredHel=0 Topology=o

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gi\_116787002\_gb\_ABK24337.1\_ len=394 ExpAA=0.04 First60=0.00 PredHel=0 Topology=o

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gi\_222864249\_gb\_EEF01380.1\_ len=1377 ExpAA=0.01 First60=0.00 PredHel=0 Topology=o

gi\_222844475\_gb\_EEE82022.1\_ len=321 ExpAA=1.73 First60=1.70 PredHel=0 Topology=o

gi\_2494073\_sp\_Q40024.1\_BADH\_HORVU len=505 ExpAA=0.08 First60=0.00 PredHel=0 Topology=o

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gi\_122063219\_sp\_P04464.3\_CALM\_WHEAT len=149 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_1079736\_gb\_AAA82069.1\_ len=178 ExpAA=0.25 First60=0.25 PredHel=0 Topology=o

gi\_115779\_sp\_P12471.1\_CB21\_SOYBN len=245 ExpAA=1.61 First60=0.00 PredHel=0 Topology=o

gi\_115477084\_ref\_NP\_001062138.1\_ len=661 ExpAA=219.21 First60=12.60 PredHel=9 Topology=o295-317i369-391o396-418i431-453o468-490i518-540o550-572i585-607o629-651i

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gi\_115529229\_dbj\_BAF34340.1\_ len=163 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

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gi\_222850891\_gb\_EEE88438.1\_ len=513 ExpAA=3.63 First60=2.66 PredHel=0 Topology=o

gi\_2792520\_gb\_AAB97087.1\_ len=466 ExpAA=0.06 First60=0.00 PredHel=0 Topology=o

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gi\_116792150\_gb\_ABK26251.1\_ len=239 ExpAA=1.28 First60=0.12 PredHel=0 Topology=o

gi\_113533304\_dbj\_BAF05687.1\_ len=367 ExpAA=0.02 First60=0.00 PredHel=0 Topology=o

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gi\_13936812\_gb\_AAK49947.1\_AF335551\_1 len=326 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_222845136\_gb\_EEE82683.1\_ len=690 ExpAA=0.05 First60=0.00 PredHel=0 Topology=o

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gi\_114216040\_gb\_ABI54631.1\_ len=236 ExpAA=0.02 First60=0.00 PredHel=0 Topology=o

gi\_192913046\_gb\_ACF06631.1\_ len=310 ExpAA=5.37 First60=0.14 PredHel=0 Topology=o

gi\_118482644\_gb\_ABK93241.1\_ len=297 ExpAA=1.68 First60=0.00 PredHel=0 Topology=o

gi\_118487464\_gb\_ABK95559.1\_ len=539 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_113595155\_dbj\_BAF19029.1\_ len=368 ExpAA=38.64 First60=0.65 PredHel=0 Topology=o

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gi\_225464186\_ref\_XP\_002263334.1\_ len=445 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_255290444\_emb\_CBA12822.1\_ len=1010 ExpAA=0.22 First60=0.00 PredHel=0 Topology=o

gi\_118486315\_gb\_ABK94999.1\_ len=429 ExpAA=0.09 First60=0.00 PredHel=0 Topology=o

gi\_224115794\_ref\_XP\_002317126.1\_ len=512 ExpAA=19.21 First60=19.14 PredHel=1 Topology=i7-24o

gi\_161375756\_gb\_ABX71220.1\_ len=230 ExpAA=18.99 First60=18.97 PredHel=1 Topology=i7-29o

gi\_255626267\_gb\_ACU13478.1\_ len=246 ExpAA=0.57 First60=0.35 PredHel=0 Topology=o

gi\_195619012\_gb\_ACG31336.1\_ len=157 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_10799832\_emb\_CAC12883.1\_ len=181 ExpAA=0.01 First60=0.00 PredHel=0 Topology=o

gi\_296511727\_emb\_CBM39005.1\_ len=435 ExpAA=0.17 First60=0.06 PredHel=0 Topology=o

gi\_116317926\_emb\_CAH65949.1\_ len=425 ExpAA=2.41 First60=0.00 PredHel=0 Topology=o

gi\_12644436\_sp\_Q43743.2\_MDHG1\_BRANA len=358 ExpAA=2.96 First60=2.17 PredHel=0 Topology=o

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gi\_222862686\_gb\_EEF00193.1\_ len=403 ExpAA=0.83 First60=0.00 PredHel=0 Topology=o

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gi\_225455902\_ref\_XP\_002276180.1\_ len=587 ExpAA=0.21 First60=0.00 PredHel=0 Topology=o

gi\_20466173\_gb\_AAM20404.1\_ len=386 ExpAA=0.13 First60=0.00 PredHel=0 Topology=o

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gi\_10716959\_gb\_AAG21982.1\_ len=100 ExpAA=0.47 First60=0.47 PredHel=0 Topology=o

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gi\_168603\_gb\_AAA33505.1\_ len=248 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

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gi\_118487306\_gb\_ABK95481.1\_ len=363 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

gi\_118482366\_gb\_ABK93106.1\_ len=539 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_11131774\_sp\_Q40406.1\_CRTI\_NARPS len=570 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

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gi\_222872806\_gb\_EEF09937.1\_ len=1215 ExpAA=0.11 First60=0.00 PredHel=0 Topology=o

gi\_297734385\_emb\_CBI15632.3\_ len=485 ExpAA=0.39 First60=0.00 PredHel=0 Topology=o

gi\_20148479\_gb\_AAM10130.1\_ len=231 ExpAA=0.02 First60=0.00 PredHel=0 Topology=o

gi\_2465012\_emb\_CAA04769.1\_ len=188 ExpAA=2.44 First60=2.38 PredHel=0 Topology=o

gi\_124359133\_gb\_ABD32492.2\_ len=65 ExpAA=0.00 First60=0.00 PredHel=0 Topology=i

gi\_1346109\_sp\_P49027.1\_GBLPA\_ORYSJ len=334 ExpAA=0.03 First60=0.02 PredHel=0 Topology=o

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gi\_126633570\_emb\_CAM55750.1\_ len=362 ExpAA=20.79 First60=20.74 PredHel=1 Topology=i9-31o

gi\_223543915\_gb\_EEF45441.1\_ len=872 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

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gi\_148908772\_gb\_ABR17492.1\_ len=482 ExpAA=0.80 First60=0.79 PredHel=0 Topology=o

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gi\_225444889\_ref\_XP\_002281573.1\_ len=368 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

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gi\_10177452\_dbj\_BAB10843.1\_ len=286 ExpAA=0.01 First60=0.00 PredHel=0 Topology=o

gi\_92882356\_gb\_ABE86687.1\_ len=576 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

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gi\_11131949\_sp\_Q9ZPP1.1\_CALR\_BERST len=416 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

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gi\_162677964\_gb\_EDQ64428.1\_ len=599 ExpAA=0.01 First60=0.00 PredHel=0 Topology=o

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gi\_1419088\_emb\_CAA95999.1\_ len=416 ExpAA=18.62 First60=18.61 PredHel=1 Topology=i12-31o

gi\_147770754\_emb\_CAN62470.1\_ len=234 ExpAA=0.23 First60=0.21 PredHel=0 Topology=o

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gi\_147797328\_emb\_CAN67085.1\_ len=243 ExpAA=0.02 First60=0.00 PredHel=0 Topology=o

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gi\_118488569\_gb\_ABK96097.1\_ len=249 ExpAA=0.21 First60=0.00 PredHel=0 Topology=o

gi\_110224748\_emb\_CAL07974.1\_ len=167 ExpAA=13.29 First60=0.19 PredHel=0 Topology=o

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gi\_11267\_emb\_CAA40875.1\_ len=260 ExpAA=44.57 First60=19.74 PredHel=2 Topology=o40-62i83-105o

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gi\_11263719\_pir\_\_JC7138 len=437 ExpAA=20.92 First60=20.90 PredHel=1 Topology=i7-29o

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gi\_116781065\_gb\_ABK21951.1\_ len=234 ExpAA=0.06 First60=0.06 PredHel=0 Topology=o

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gi\_194693774\_gb\_ACF80971.1\_ len=133 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

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gi\_222855013\_gb\_EEE92560.1\_ len=235 ExpAA=0.08 First60=0.00 PredHel=0 Topology=o

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gi\_77551219\_gb\_ABA94016.1\_ len=179 ExpAA=0.01 First60=0.00 PredHel=0 Topology=o

gi\_145356755\_ref\_XP\_001422591.1\_ len=338 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_134307089\_gb\_ABO72542.1\_ len=365 ExpAA=0.07 First60=0.00 PredHel=0 Topology=o

gi\_1155265\_gb\_AAA85273.1\_ len=206 ExpAA=0.08 First60=0.07 PredHel=0 Topology=o

gi\_118481003\_gb\_ABK92455.1\_ len=216 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_222848774\_gb\_EEE86321.1\_ len=1328 ExpAA=0.25 First60=0.00 PredHel=0 Topology=o

gi\_219900659\_emb\_CAW95810.1\_ len=553 ExpAA=2.67 First60=0.00 PredHel=0 Topology=o

gi\_218185264\_gb\_EEC67691.1\_ len=550 ExpAA=0.06 First60=0.00 PredHel=0 Topology=o

gi\_168051195\_ref\_XP\_001778041.1\_ len=161 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_116779023\_gb\_ABK21104.1\_ len=126 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_116000720\_emb\_CAL50400.1\_ len=349 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_116785433\_gb\_ABK23720.1\_ len=207 ExpAA=0.02 First60=0.02 PredHel=0 Topology=o

gi\_255560331\_ref\_XP\_002521182.1\_ len=214 ExpAA=0.02 First60=0.00 PredHel=0 Topology=o

gi\_255640048\_gb\_ACU20315.1\_ len=322 ExpAA=0.22 First60=0.00 PredHel=0 Topology=o

gi\_223536744\_gb\_EEF38385.1\_ len=174 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_222862072\_gb\_EEE99614.1\_ len=374 ExpAA=38.43 First60=0.00 PredHel=2 Topology=i166-185o189-206i

gi\_112253858\_ref\_YP\_717114.1\_ len=190 ExpAA=0.02 First60=0.01 PredHel=0 Topology=o

gi\_116789998\_gb\_ABK25466.1\_ len=207 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_16612249\_gb\_AAL27496.1\_AF439824\_1 len=512 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_118487430\_gb\_ABK95543.1\_ len=89 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_147798613\_emb\_CAN72185.1\_ len=740 ExpAA=0.01 First60=0.00 PredHel=0 Topology=o

gi\_116786824\_gb\_ABK24254.1\_ len=252 ExpAA=115.13 First60=21.09 PredHel=5 Topology=i38-60o70-90i103-125o140-162i183-205o

gi\_116781875\_gb\_ABK22279.1\_ len=314 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

gi\_219912060\_emb\_CAX03877.1\_ len=250 ExpAA=0.06 First60=0.00 PredHel=0 Topology=o

gi\_11493393\_gb\_AAG35472.1\_U67064\_1 len=424 ExpAA=0.05 First60=0.05 PredHel=0 Topology=o

gi\_118488068\_gb\_ABK95854.1\_ len=251 ExpAA=0.05 First60=0.00 PredHel=0 Topology=o

gi\_225447290\_ref\_XP\_002279657.1\_ len=223 ExpAA=0.05 First60=0.05 PredHel=0 Topology=o

gi\_195963550\_gb\_ACG59943.1\_ len=416 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_148905793\_gb\_ABR16060.1\_ len=476 ExpAA=0.57 First60=0.57 PredHel=0 Topology=o

gi\_225429846\_ref\_XP\_002280915.1\_ len=1084 ExpAA=1.05 First60=0.79 PredHel=0 Topology=o

gi\_300153058\_gb\_EFJ19698.1\_ len=349 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_113205143\_gb\_AAT40507.2\_ len=165 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_222864119\_gb\_EEF01250.1\_ len=536 ExpAA=0.11 First60=0.00 PredHel=0 Topology=o

gi\_148910064\_gb\_ABR18115.1\_ len=430 ExpAA=0.05 First60=0.01 PredHel=0 Topology=o

gi\_153850916\_gb\_ABS52645.1\_ len=284 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

gi\_113533241\_dbj\_BAF05624.1\_ len=642 ExpAA=244.48 First60=0.00 PredHel=12 Topology=o122-139i152-174o189-211i224-243o247-266i279-298o323-345i382-401o421-440i445-467o472-494i556-578o

gi\_225425356\_ref\_XP\_002275396.1\_ len=287 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_13447112\_gb\_AAK26638.1\_AF342784\_1 len=163 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_125563525\_gb\_EAZ08905.1\_ len=927 ExpAA=1.53 First60=0.00 PredHel=0 Topology=o

gi\_123255384\_gb\_ABM74179.1\_ len=81 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_108707120\_gb\_ABF94915.1\_ len=402 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_12321295\_gb\_AAG50716.1\_AC079041\_9 len=505 ExpAA=1.08 First60=0.05 PredHel=0 Topology=o

gi\_108707343\_gb\_ABF95138.1\_ len=1041 ExpAA=0.03 First60=0.03 PredHel=0 Topology=o

gi\_147828306\_emb\_CAN66483.1\_ len=625 ExpAA=38.91 First60=16.50 PredHel=2 Topology=i5-24o565-587i

gi\_1066153\_dbj\_BAA07177.1\_ len=368 ExpAA=0.36 First60=0.00 PredHel=0 Topology=o

gi\_195656867\_gb\_ACG47901.1\_ len=429 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_194704686\_gb\_ACF86427.1\_ len=446 ExpAA=14.94 First60=14.87 PredHel=0 Topology=o

gi\_11994450\_dbj\_BAB02452.1\_ len=500 ExpAA=45.67 First60=18.03 PredHel=2 Topology=o4-21i293-315o

gi\_149242538\_pdb\_2O01\_L len=164 ExpAA=56.95 First60=9.90 PredHel=2 Topology=i79-101o135-157i

gi\_297842809\_ref\_XP\_002889286.1\_ len=405 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_108708037\_gb\_ABF95832.1\_ len=208 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_255576966\_ref\_XP\_002529368.1\_ len=350 ExpAA=0.01 First60=0.01 PredHel=0 Topology=o

gi\_118485650\_gb\_ABK94675.1\_ len=220 ExpAA=16.36 First60=2.69 PredHel=0 Topology=o

gi\_147844134\_emb\_CAN80568.1\_ len=421 ExpAA=0.31 First60=0.00 PredHel=0 Topology=o

gi\_148906560\_gb\_ABR16432.1\_ len=432 ExpAA=0.51 First60=0.00 PredHel=0 Topology=o

gi\_222847662\_gb\_EEE85209.1\_ len=342 ExpAA=8.17 First60=0.00 PredHel=0 Topology=o

gi\_113533478\_dbj\_BAF05861.1\_ len=548 ExpAA=0.19 First60=0.04 PredHel=0 Topology=o

gi\_163930094\_dbj\_BAD42856.2\_ len=438 ExpAA=9.92 First60=9.85 PredHel=0 Topology=o

gi\_118481245\_gb\_ABK92572.1\_ len=197 ExpAA=0.09 First60=0.03 PredHel=0 Topology=o

gi\_218190138\_gb\_EEC72565.1\_ len=1218 ExpAA=0.02 First60=0.00 PredHel=0 Topology=o

gi\_125541230\_gb\_EAY87625.1\_ len=168 ExpAA=0.03 First60=0.00 PredHel=0 Topology=o

gi\_125586123\_gb\_EAZ26787.1\_ len=505 ExpAA=20.58 First60=16.93 PredHel=1 Topology=i40-62o

gi\_194692492\_gb\_ACF80330.1\_ len=436 ExpAA=0.01 First60=0.00 PredHel=0 Topology=o

gi\_222862287\_gb\_EEE99793.1\_ len=265 ExpAA=0.18 First60=0.14 PredHel=0 Topology=o

gi\_147812668\_emb\_CAN61857.1\_ len=521 ExpAA=1.43 First60=1.20 PredHel=0 Topology=o

gi\_225458493\_ref\_XP\_002284126.1\_ len=389 ExpAA=0.93 First60=0.83 PredHel=0 Topology=o

gi\_147818915\_emb\_CAN69374.1\_ len=137 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_255626457\_gb\_ACU13573.1\_ len=152 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_14326485\_gb\_AAK60288.1\_AF385695\_1 len=268 ExpAA=21.78 First60=0.08 PredHel=1 Topology=i245-267o

gi\_147781802\_emb\_CAN65444.1\_ len=298 ExpAA=0.24 First60=0.00 PredHel=0 Topology=o

gi\_336930\_gb\_AAA65856.1\_ len=92 ExpAA=0.08 First60=0.06 PredHel=0 Topology=i

gi\_270267971\_gb\_ACZ65565.1\_ len=221 ExpAA=25.03 First60=25.02 PredHel=1 Topology=o10-32i

gi\_255089519\_ref\_XP\_002506681.1\_ len=364 ExpAA=0.12 First60=0.00 PredHel=0 Topology=o

gi\_115477583\_ref\_NP\_001062387.1\_ len=261 ExpAA=17.17 First60=0.00 PredHel=1 Topology=i92-111o

gi\_223532690\_gb\_EEF34472.1\_ len=589 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_116785563\_gb\_ABK23774.1\_ len=297 ExpAA=14.93 First60=14.91 PredHel=0 Topology=o

gi\_147787283\_emb\_CAN75763.1\_ len=340 ExpAA=23.06 First60=0.01 PredHel=1 Topology=i306-328o

gi\_297316876\_gb\_EFH47298.1\_ len=230 ExpAA=0.64 First60=0.00 PredHel=0 Topology=o

gi\_147835422\_emb\_CAN69848.1\_ len=166 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_17473511\_gb\_AAL38379.1\_ len=879 ExpAA=0.28 First60=0.22 PredHel=0 Topology=o

gi\_147766788\_emb\_CAN74160.1\_ len=1302 ExpAA=9.52 First60=0.00 PredHel=0 Topology=o

gi\_147768650\_emb\_CAN71664.1\_ len=294 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_118486443\_gb\_ABK95061.1\_ len=297 ExpAA=5.58 First60=0.22 PredHel=0 Topology=o

gi\_225461597\_ref\_XP\_002282909.1\_ len=831 ExpAA=86.91 First60=0.00 PredHel=4 Topology=o538-555i567-589o599-621i774-796o

gi\_147838328\_emb\_CAN67802.1\_ len=301 ExpAA=3.60 First60=1.97 PredHel=0 Topology=o

gi\_162679333\_gb\_EDQ65782.1\_ len=480 ExpAA=8.94 First60=8.63 PredHel=0 Topology=o

gi\_118483244\_gb\_ABK93525.1\_ len=199 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_225434634\_ref\_XP\_002279688.1\_ len=211 ExpAA=0.20 First60=0.04 PredHel=0 Topology=o

gi\_108705946\_gb\_ABF93741.1\_ len=279 ExpAA=0.24 First60=0.00 PredHel=0 Topology=o

gi\_218195039\_gb\_EEC77466.1\_ len=510 ExpAA=19.45 First60=19.42 PredHel=1 Topology=i7-29o

gi\_225217085\_gb\_ACN85351.1\_ len=136 ExpAA=0.00 First60=0.00 PredHel=0 Topology=o

gi\_77554888\_gb\_ABA97684.1\_ len=158 ExpAA=0.92 First60=0.00 PredHel=0 Topology=o

gi\_116308832\_emb\_CAH65970.1\_ len=911 ExpAA=0.32 First60=0.00 PredHel=0 Topology=o

gi\_294464678\_gb\_ADE77846.1\_ len=108 ExpAA=0.59 First60=0.00 PredHel=0 Topology=o

M. cordata 0

DaGuo\_2130 len=283 ExpAA=2.13 First60=0.94 PredHel=0 Topology=o

DaGuo\_2217 len=1090 ExpAA=5.98 First60=3.29 PredHel=0 Topology=o

DaGuo\_2218 len=1077 ExpAA=22.58 First60=15.92 PredHel=0 Topology=o

DaGuo\_2343 len=1817 ExpAA=16.20 First60=6.89 PredHel=0 Topology=o

DaGuo\_5104 len=206 ExpAA=1.24 First60=0.86 PredHel=0 Topology=o

DaGuo\_5827 len=288 ExpAA=3.14 First60=1.37 PredHel=0 Topology=o

DaGuo\_7122 len=767 ExpAA=2.63 First60=1.59 PredHel=0 Topology=o

DaGuo\_7352 len=216 ExpAA=0.74 First60=0.27 PredHel=0 Topology=o

DaGuo\_11735 len=246 ExpAA=6.04 First60=4.00 PredHel=0 Topology=o

DaGuo\_17846 len=1005 ExpAA=4.19 First60=3.64 PredHel=0 Topology=o

DaGuo\_26184 len=266 ExpAA=1.47 First60=0.20 PredHel=0 Topology=o

DaGuo\_28433 len=990 ExpAA=5.75 First60=3.21 PredHel=0 Topology=o

DaGuo\_28517 len=529 ExpAA=1.28 First60=0.62 PredHel=0 Topology=o

DaGuo\_29586 len=985 ExpAA=3.82 First60=1.97 PredHel=0 Topology=o

DaGuo\_29733 len=1080 ExpAA=6.97 First60=4.67 PredHel=0 Topology=o

DaGuo\_29734 len=1271 ExpAA=5.31 First60=2.25 PredHel=0 Topology=o

DaGuo\_29735 len=1279 ExpAA=21.82 First60=15.91 PredHel=0 Topology=o

DaGuo\_29737 len=1275 ExpAA=5.28 First60=3.29 PredHel=0 Topology=o

DaGuo\_29789 len=1262 ExpAA=9.66 First60=4.85 PredHel=0 Topology=o

DaGuo\_29928 len=1210 ExpAA=5.73 First60=1.38 PredHel=0 Topology=o

DaGuo\_30091 len=674 ExpAA=11.32 First60=7.48 PredHel=0 Topology=o

DaGuo\_30103 len=378 ExpAA=1.03 First60=0.58 PredHel=0 Topology=o

DaGuo\_30314 len=1286 ExpAA=7.92 First60=5.98 PredHel=0 Topology=o

DaGuo\_30556 len=1132 ExpAA=6.45 First60=2.82 PredHel=0 Topology=o

DaGuo\_30795 len=876 ExpAA=3.16 First60=1.55 PredHel=0 Topology=o

DaGuo\_30796 len=1140 ExpAA=6.56 First60=2.31 PredHel=0 Topology=o

DaGuo\_30802 len=1169 ExpAA=7.85 First60=5.97 PredHel=0 Topology=o

DaGuo\_30803 len=1286 ExpAA=7.91 First60=5.97 PredHel=0 Topology=o

DaGuo\_30820 len=842 ExpAA=1.99 First60=0.64 PredHel=0 Topology=o

DaGuo\_30866 len=1887 ExpAA=6.74 First60=2.73 PredHel=0 Topology=o

DaGuo\_30868 len=387 ExpAA=1.78 First60=1.01 PredHel=0 Topology=o

DaGuo\_30869 len=868 ExpAA=28.92 First60=8.50 PredHel=0 Topology=o

DaGuo\_30896 len=698 ExpAA=1.90 First60=0.33 PredHel=0 Topology=o

DaGuo\_31043 len=1137 ExpAA=2.35 First60=0.91 PredHel=0 Topology=o

DaGuo\_31131 len=648 ExpAA=3.88 First60=2.17 PredHel=0 Topology=o

DaGuo\_31449 len=585 ExpAA=2.73 First60=1.60 PredHel=0 Topology=o

DaGuo\_31450 len=770 ExpAA=3.87 First60=2.75 PredHel=0 Topology=o

DaGuo\_31454 len=1746 ExpAA=7.62 First60=1.82 PredHel=0 Topology=o

DaGuo\_31455 len=1765 ExpAA=10.22 First60=4.05 PredHel=0 Topology=o

DaGuo\_31498 len=1855 ExpAA=17.99 First60=11.80 PredHel=0 Topology=o

DaGuo\_32619 len=896 ExpAA=31.04 First60=19.44 PredHel=0 Topology=o

DaGuo\_32620 len=696 ExpAA=2.47 First60=0.84 PredHel=0 Topology=o

DaGuo\_32625 len=1364 ExpAA=28.17 First60=0.92 PredHel=0 Topology=o

DaGuo\_32630 len=1307 ExpAA=25.37 First60=3.72 PredHel=0 Topology=o

DaGuo\_32635 len=1223 ExpAA=12.76 First60=11.08 PredHel=0 Topology=o

DaGuo\_37522 len=1346 ExpAA=5.30 First60=1.00 PredHel=0 Topology=o

DaGuo\_37525 len=1351 ExpAA=6.00 First60=2.51 PredHel=0 Topology=o

DaGuo\_37526 len=1083 ExpAA=5.85 First60=3.21 PredHel=0 Topology=o

DaGuo\_38366 len=1451 ExpAA=3.55 First60=2.52 PredHel=0 Topology=o

DaGuo\_43511 len=1958 ExpAA=2.77 First60=1.42 PredHel=0 Topology=o

DaGuo\_43586 len=1745 ExpAA=3.12 First60=1.71 PredHel=0 Topology=o

DaGuo\_46373 len=1632 ExpAA=97.11 First60=7.10 PredHel=0 Topology=o

DaGuo\_46374 len=1896 ExpAA=96.79 First60=7.10 PredHel=0 Topology=o

DaGuo\_51476 len=2241 ExpAA=35.00 First60=5.92 PredHel=0 Topology=o

DaGuo\_53633 len=1458 ExpAA=4.77 First60=3.75 PredHel=0 Topology=o

DaGuo\_53638 len=708 ExpAA=3.09 First60=1.35 PredHel=0 Topology=o

DaGuo\_55210 len=537 ExpAA=3.05 First60=2.26 PredHel=0 Topology=o

DaGuo\_59482 len=756 ExpAA=2.03 First60=1.46 PredHel=0 Topology=o

DaGuo\_60216 len=599 ExpAA=1.74 First60=0.82 PredHel=0 Topology=o

DaGuo\_61449 len=341 ExpAA=3.02 First60=2.09 PredHel=0 Topology=o

DaGuo\_62547 len=360 ExpAA=2.02 First60=1.22 PredHel=0 Topology=o

DaGuo\_67271 len=302 ExpAA=1.75 First60=0.99 PredHel=0 Topology=o

**M. microcapa**

XiaoGuo\_368 len=223 ExpAA=1.45 First60=0.35 PredHel=0 Topology=o

XiaoGuo\_542 len=344 ExpAA=2.29 First60=0.95 PredHel=0 Topology=o

XiaoGuo\_3055 len=238 ExpAA=2.42 First60=1.61 PredHel=0 Topology=o

XiaoGuo\_3439 len=244 ExpAA=22.41 First60=15.85 PredHel=0 Topology=o

XiaoGuo\_3620 len=216 ExpAA=1.98 First60=1.48 PredHel=0 Topology=o

XiaoGuo\_3720 len=762 ExpAA=1.93 First60=0.78 PredHel=0 Topology=o

XiaoGuo\_3722 len=645 ExpAA=4.54 First60=0.81 PredHel=0 Topology=o

XiaoGuo\_4952 len=343 ExpAA=18.00 First60=4.91 PredHel=0 Topology=o

XiaoGuo\_7428 len=209 ExpAA=4.26 First60=2.91 PredHel=0 Topology=o

XiaoGuo\_8047 len=235 ExpAA=3.77 First60=3.23 PredHel=0 Topology=o

XiaoGuo\_8073 len=259 ExpAA=4.39 First60=2.04 PredHel=0 Topology=o

XiaoGuo\_8485 len=369 ExpAA=5.33 First60=3.32 PredHel=0 Topology=o

XiaoGuo\_11344 len=359 ExpAA=0.95 First60=0.36 PredHel=0 Topology=o

XiaoGuo\_18101 len=218 ExpAA=1.58 First60=0.94 PredHel=0 Topology=o

XiaoGuo\_18425 len=347 ExpAA=2.11 First60=1.42 PredHel=0 Topology=o

XiaoGuo\_23150 len=286 ExpAA=2.92 First60=1.49 PredHel=0 Topology=o

XiaoGuo\_28845 len=1235 ExpAA=0.88 First60=0.50 PredHel=0 Topology=o

XiaoGuo\_32991 len=880 ExpAA=23.09 First60=9.19 PredHel=0 Topology=o

XiaoGuo\_35839 len=231 ExpAA=2.47 First60=1.86 PredHel=0 Topology=o

XiaoGuo\_37650 len=542 ExpAA=10.37 First60=6.27 PredHel=0 Topology=o

XiaoGuo\_37714 len=1228 ExpAA=46.24 First60=5.20 PredHel=0 Topology=o

XiaoGuo\_37715 len=1131 ExpAA=19.98 First60=3.36 PredHel=0 Topology=o

XiaoGuo\_37945 len=1019 ExpAA=5.81 First60=2.25 PredHel=0 Topology=o

XiaoGuo\_37970 len=1264 ExpAA=25.58 First60=4.09 PredHel=0 Topology=o

XiaoGuo\_38419 len=1341 ExpAA=8.95 First60=4.75 PredHel=0 Topology=o

XiaoGuo\_38420 len=1169 ExpAA=3.97 First60=0.86 PredHel=0 Topology=o

XiaoGuo\_38422 len=1262 ExpAA=5.54 First60=2.06 PredHel=0 Topology=o

XiaoGuo\_38788 len=1236 ExpAA=11.72 First60=6.31 PredHel=0 Topology=o

XiaoGuo\_39144 len=1123 ExpAA=14.31 First60=2.51 PredHel=0 Topology=o

XiaoGuo\_39167 len=1121 ExpAA=1.82 First60=0.88 PredHel=0 Topology=o

XiaoGuo\_39168 len=1378 ExpAA=25.95 First60=10.06 PredHel=0 Topology=o

XiaoGuo\_42571 len=444 ExpAA=2.38 First60=1.86 PredHel=0 Topology=o

XiaoGuo\_42572 len=2075 ExpAA=2.74 First60=0.99 PredHel=0 Topology=o

XiaoGuo\_42573 len=1859 ExpAA=2.63 First60=1.65 PredHel=0 Topology=o

XiaoGuo\_42574 len=1714 ExpAA=19.38 First60=9.51 PredHel=0 Topology=o

XiaoGuo\_42575 len=1846 ExpAA=6.65 First60=3.01 PredHel=0 Topology=o

XiaoGuo\_42579 len=1183 ExpAA=2.65 First60=1.69 PredHel=0 Topology=o

XiaoGuo\_45620 len=335 ExpAA=1.67 First60=0.60 PredHel=0 Topology=o

XiaoGuo\_45621 len=2144 ExpAA=13.97 First60=6.95 PredHel=0 Topology=o

XiaoGuo\_45622 len=2011 ExpAA=30.58 First60=5.38 PredHel=0 Topology=o

XiaoGuo\_45623 len=1769 ExpAA=26.68 First60=4.95 PredHel=0 Topology=o

XiaoGuo\_48859 len=1371 ExpAA=1.17 First60=0.50 PredHel=0 Topology=o

XiaoGuo\_50254 len=1683 ExpAA=4.29 First60=1.47 PredHel=0 Topology=o

XiaoGuo\_50255 len=1427 ExpAA=7.29 First60=1.18 PredHel=0 Topology=o

XiaoGuo\_52325 len=1755 ExpAA=4.29 First60=1.63 PredHel=0 Topology=o

XiaoGuo\_53280 len=1932 ExpAA=19.42 First60=10.55 PredHel=0 Topology=o

XiaoGuo\_53281 len=1738 ExpAA=8.30 First60=1.47 PredHel=0 Topology=o

XiaoGuo\_54802 len=1582 ExpAA=4.63 First60=1.91 PredHel=0 Topology=o

XiaoGuo\_56047 len=1588 ExpAA=3.38 First60=0.80 PredHel=0 Topology=o

XiaoGuo\_56729 len=1218 ExpAA=3.27 First60=1.34 PredHel=0 Topology=o

XiaoGuo\_59406 len=679 ExpAA=9.02 First60=2.83 PredHel=0 Topology=o

XiaoGuo\_63110 len=548 ExpAA=5.54 First60=2.77 PredHel=0 Topology=o

XiaoGuo\_66384 len=265 ExpAA=1.56 First60=0.68 PredHel=0 Topology=o

XiaoGuo\_68185 len=642 ExpAA=15.96 First60=13.84 PredHel=0 Topology=o

XiaoGuo\_68597 len=718 ExpAA=1.76 First60=0.26 PredHel=0 Topology=o