Miadlikowska et al.—American Journal of Botany 2014. – Data Supplement S2 – Page 1

[ 10 20 30 40 50]

[ . . . . .]

*P. aquatica* H4 ATTGAGGGCGTGTGGGCTAATAACCCC:ACCAACCCCAATCCTTTGTTTA [50]

*P. gowardii* H1 ATTGAGGGCGTGTGGGCTAATAACCCC:ACGAACCCCAATCCTTTGTTTA [50]

*P. hydrothyria* H3 ATTGAGGGCGTGTGGGCTAATAACCCC:ACCAACCCCAATCCTTTGTTTA [50]

*P. hydrothyria* H2 ATTGAGGGCGTGTGGGCTAATAACCCCCACCAACCCCAATCCTTTGTTTA [50]

[ 60 70 80 90 100]

[ . . . . .]

*P. aquatica* H4 CCGCCCCCCATGTGGTTTGTTTGGGCGCGGTTGGGCC**AAAAAAAAAA**TGT [100]

*P. gowardii* H1 CCGCCCCCCATGTGGTTTGTTTGGGCGCGGTTGGGCC**AAAAAAA:::**TGT [100]

*P. hydrothyria* H3 CCGCCCCCCATGTGGTTTGTTTGGGCGCGGTTGGGCC**AAAAAAAAA:**TGT [100]

*P. hydrothyria* H2 CCGCCCCCCATGTGGTTTGTTTGGGCGCGGTTGGGCC**AAAAAAAAA:**TGT [100]

[ 110 120 130 140 150]

[ . . . . .]

*P. aquatica* H4 TAACCT**C**AGGG::::**A**AAC**TTTTTTTTT**GATCCCCAACGCACAAAAGCAT [150]

*P. gowardii* H1 TAACCT**T**AGGG::::**C**AAC**TTTTTTT::**GATCCCCAACGCACAAA:GCAT [150]

*P. hydrothyria* H3 TAACCT**A**AGGGCGGG**C**AAC**TTTTTTT::**GATCCCGAACGCACAAAAGTAT [150]

*P. hydrothyria* H2 TAACCT**A**AGGGCGGG**C**AAC**TTTTTTT::**GATCCCGAACGCACAAAAGTAT [150]

[ 160 170 180 190 200]

[ . . . . .]

*P. aquatica* H4 TTTGTTGCCCAAAAGACTACCAAA**T**TTAAAA::CATTCTGATAATGTATG [200]

*P. gowardii* H1 TTTGTTGCCCAAAAGACTACCAAA**G**TTAAAAAACATTCTGATAATGTATG [200]

*P. hydrothyria* H3 TTTGATGCCCAAAAGACTACCAAA**G**TTAAAA::CATTCTGATAATGTATG [200]

*P. hydrothyria* H2 TTTGATGCCCAAAAGACTACCAAA**G**TTAAAA::CATTCTGATAATGTATG [200]

[ 210 220 230 240 250]

[ . . . . .]

*P. aquatica* H4 ATGTCTGAAAAAATATTTAAA:CAAGCAAAACTTTCAACAACGGATCTCT [250]

*P. gowardii* H1 ATGTCTGAAAAAATATTTAAA:CAAGCAAAACTTTCAACAACGGATCTCT [250]

*P. hydrothyria* H3 ATGTCTGAAAATTTATTTAAAACAAGCAAAACTTTCAACAACGGATCTCT [250]

*P. hydrothyria* H2 ATGTCTGAAAATTTATTTAAAACAAGCAAAACTTTCAACAACGGATCTCT [250]

[ 260 270 280 290 300]

[ . . . . .]

*P. aquatica* H4 TGGTTCCGGCATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGTGGA [300]

*P. gowardii* H1 TGGTTCCGGCATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGTGGA [300]

*P. hydrothyria* H3 TGGTTCCGGCATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGTGGA [300]

*P. hydrothyria* H2 TGGTTCCGGCATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGTGGA [300]

[ 310 320 330 340 350]

[ . . . . .]

*P. aquatica* H4 CCGCAGTACTCAGCGACTCATCGAATCTTTGAACGCATATTGCGCCTCTT [350]

*P. gowardii* H1 CCGCAGTACTCAGCGACTCATCGAATCTTTGAACGCATATTGCGCCTCTT [350]

*P. hydrothyria* H3 CCGCAGTACTCAGCGACTCATCGAATCTTTGAACGCATATTGCGCCTCTT [350]

*P. hydrothyria* H2 CCGCAGTACTCAGCGACTCATCGAATCTTTGAACGCATATTGCGCCTCTT [350]

[ 360 370 380 390 400]

[ . . . . .]

*P. aquatica* H4 GGTATCCCAAGAGGCACACCTGTTCGAGCGTCATT**G**TGCATATTATCAAG [400]

*P. gowardii* H1 GGTATCCCAAGAGGCACACCTGTTCGAGCGTCATT**A**TACATATTGTCAAG [400]

*P. hydrothyria* H3 GGTATCCCAAGAGGCACACCTGTTCGAGCGTCATT**A**TGCATATTATCAAG [400]

*P. hydrothyria* H2 GGTATCCCAAGAGGCACACCTGTTCGAGCGTCATT**A**TGCATATTATCAAG [400]

[ 410 420 430 440 450]

[ . . . . .]

*P. aquatica* H4 CTTAGCTTGGTCTTGGGCCAGTCTGCTTTTATGCAGAGGTTTAAAAGTCA [450]

*P. gowardii* H1 CTTAGCTTGGTCTTGGGCCAGTCTGCTTTTATGCAGAGGTTTAAAAGTCA [450]

*P. hydrothyria* H3 CTTAGCTTGGTCTTGGGCCAATCTGCTTTTATGCAGAGGTTTAAAAGTCA [450]

*P. hydrothyria* H2 CTTAGCTTGGTCTTGGGCCAATCTGCTTTTATGCAGAGGTTTAAAAGTCA [450]

[ 460 470 480 490 500]

[ . . . . .]

*P. aquatica* H4 GTGGCGGTTCGGTTAAGTGTTCCAGCGTAGTTGTAATTGTAATAGCTGTG [500]

*P. gowardii* H1 GTGGCGGTTCGGTTAAGTGTTCCGGCGTAGTTGTAATTGTAATAGCTGTG [500]

*P. hydrothyria* H3 GTGGCGGTTCGGTTAAGTGTTCCAGCGTAGTTGTAATTGTCATAGCTGTG [500]

*P. hydrothyria* H2 GTGGCGGTTCGGTTAAGTGTTCCAGCGTAGTTGTAATTGTCATAGCTGTG [500]

[ 510 520 ]

[ . . ]

*P. aquatica* H4 AGAACGCTTTTCTTTTGTAGCCTGTCAA [528]

*P. gowardii* H1 AGAACACTTTTCTTTTGTAGCCTGTCAA [528]

*P. hydrothyria* H3 AGAACGCTTTTCTTTTGTAGCCTGTCAA [528]

*P. hydrothyria* H2 AGAACGCTTTTCTTTTGTAGCCTGTCAA [528]