Supplemental Figure 3

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Name                   Sequence                                                          _
MLST_nifS-12           AAAATAGAAAAAACAAGAGAACTTGTAAAAAATTTCATTAATGCAGAATCTGCAAAAAAT
Assembled_MM1_nifS     AAAATAGAAAAAACAAGAGAACTTGTAAAAAATTTTATTAATGCAGAATCTGCAAAAAAT
05e484a1-7b54-48fb     AAAATAGAAAAACAAGAGAAC-----TTGTAAAATTTTTATTAAT-GAATCTGCAAA--AT
2e08a83a-bc8f-4976     AACCCGAAAAACA-----AGAGAACTTATAAAATTTATTAATGCAGAATCTGCAAAATAT
88624a5a-f257-4af9     AAAGCCGAAAACAAGA--GAAC--TTGTAAAATTTTATTAATGCAGAATCTGCA-AATAT
ebeaba4b-a7f2-4c91     AAAATAGAAAAACAAGAGAAC-----TTGTAAATTTTATTAATGCAGAACTCTGCAAAATA
a753454d-707d-4b83     AAAATAGAAAACAAGGGGACT-----GTAAATT--TTATTAATGCAGAAT----------
2cdd8d93-15cd-449d     CAAAATAGAGCTAAGAA--------TTGACAATTTTGACTGCTTGGAGTCTGCAAAATAA
5a187c5f-d9c6-40d1     AAAATAGAAAAACAAGAGAAC-----TTAAAAATTTTATTAATGTGCAGAATCTGCAAAA-
c5dc593f-c1fa-40f8     AAAGGCGAAAACAAGAGAAC-----TTGAAAATTTTATTAATGCAGAATCTGCAAAATAT
c3fed319-9ceb-4396     AAAATAGTAGAAAAACAGGGGACTTGTAAAATTTTCTCTTAATGCAGAATCTGCAAAATAT
e7fb0bcb-85cb-4a2a     AAAATAGAAAACAAGAGAAC-----TGCTAAATTTTATTAATTGCAGAATCTG-------
0177d47f-9cdd-4c4e     AAAATAGAAAAACAAGAGAAC-----TTGTAAAGTTTATTAATGCAGAATCTGCAAAA---
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Name                   Sequence                                                          _
MLST_pepX-1            TACAATGCTCATGACAATTTAACA----GTAATCAGTAGCACTAAAAAAGCAATAAAAGA
Assembled_MM1_pepX     TACAATGCTCACGACAATTTAACA----GTAATCAGTAGCACTAAAAAAGCAATAAAAGA
817a604f-2391-44b1     ACAATGCGGCACGACAATTTAACA----GTAATCAGTAGCACTAAAAGCAATAAAGATAA
a216f821-fd7a-4ebb     ATACATGCTCACGACAATTTAACG----ATGAAGATCAGCACTAAAAAGCAATAAAAGAT
aa375ec3-643a-4f7e     -TACAATTCAAGGACAATTTAACA----GTAATGAGTAGCACTAAAGCAATAAAATAATA
26deeb2d-2462-48ce     TACAATGCTCACG-ACAATTAACA----GCAATCAGTAGCACTAAAAGCAATAAAAGATA
D6a5329d-8245-4941     -ACCAATTCCACGACATTTGAATAGGTACGTATTAGTAGCACTAAAGCAATAGACAGATA
6e1fdff6-2933-419d     TACAATGCTCACGACAATTTAAA------TGATCAGTAGCACTAAAAGGGCAATAAAGAT
cfa9c429-2b73-4daf     TACAATGCTCACGACAATTTAACA----GTAATGAGTAGCACTAAAAGCAATAAAAGATA
b4a50839-4edc-485b     ACATCCTCTCACGACAATTAACAG----TAAACCAGTAGCACTCAAAAAGCAATAGAATA
64f1cd9f-45c5-47a7     TACAATGCTCACG-ACAATTAACA----GTAATCAGTAGCACTAAAACTAATAAAAGATA
                                      *
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Nanopore sequencing reads confirm the novel SNPs in *nifS* and *pepX*. Top: The de novo assembly of the *nifS* gene matches the MLST *nifS* type 12 except for a C->T polymorphism. Eleven nanopore reads align to this region and all contain the T variant. Bottom: The de novo assembly of the *pepX* gene matches the MLST *pepX* type 1 except for a T->C polymorphism. Nine nanopore reads align to this region and eight contain the C variant. The two SNPs of interest are noted with a red asterisk (*).