Supporting Information for:

The *Listeria monocytogenes* Core-Genome Sequence Typer (LmCGST): a bioinformatic

pipeline for molecular characterization with next-generation sequence data

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Additional file 7: Diagram illustrating tasks performed by the *Listeria monocytogenes* Core-Genome Sequence Typer.

Additional file 7

Assemble reads with SPAdes

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Annotate contiguous sequences with Prokka

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Identify orthologous nucleotide sequences with BLASTn

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Compare subject HCC profile to database profiles and generate report

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Collect nucleotide sequences and align with Muscle

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Concatenate matrices with FASconCAT

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Generate phylogenetic trees with PHYLIP