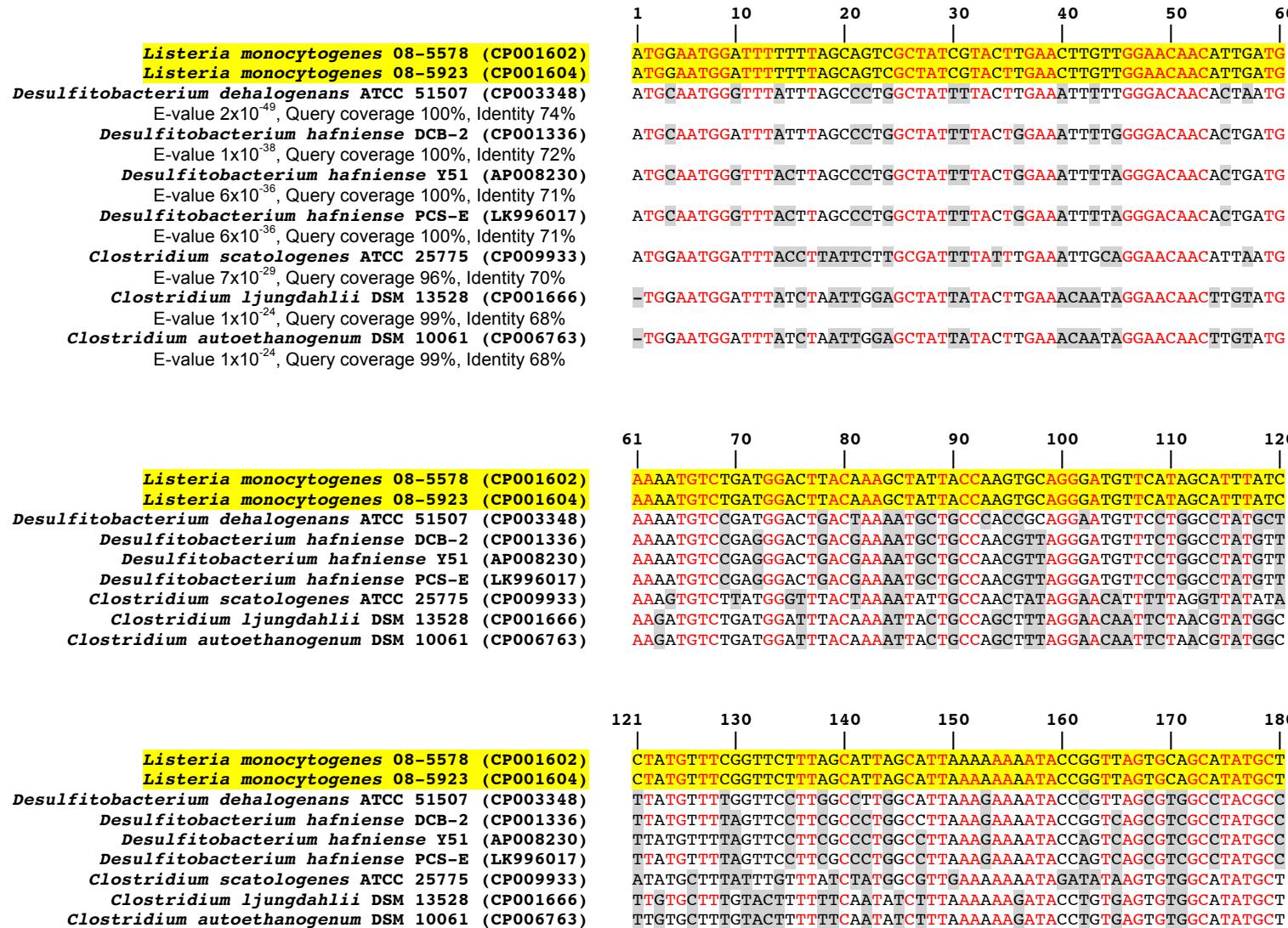


FIG S1. The blastn nucleotide sequence homology of LGI1 to the other publically available genomes in the NCBI database.



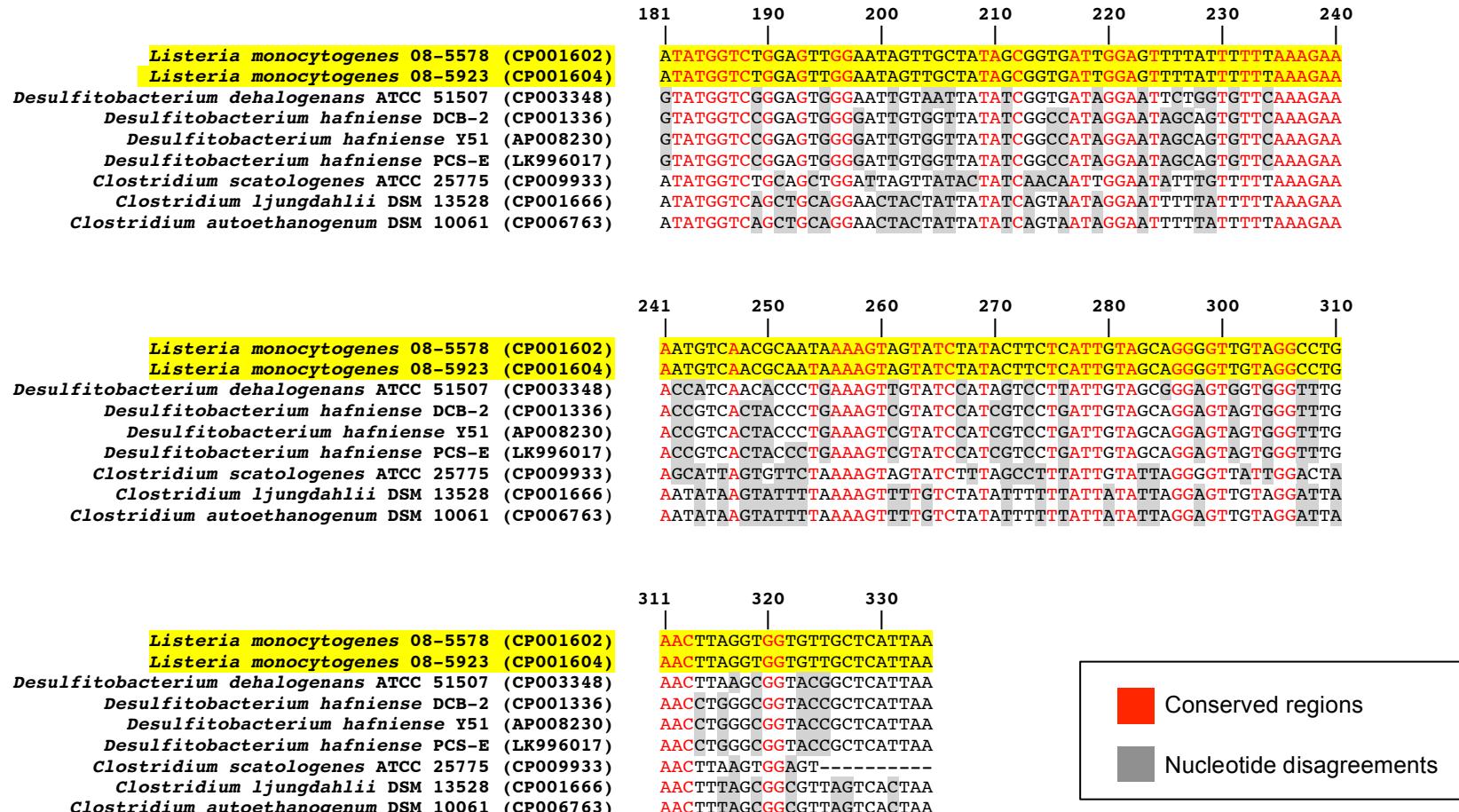


FIG S2. The blastn nucleotide sequence homology of *emrE_{Lm}* (highlighted in yellow) to the other publically available genomes in the NCBI database.

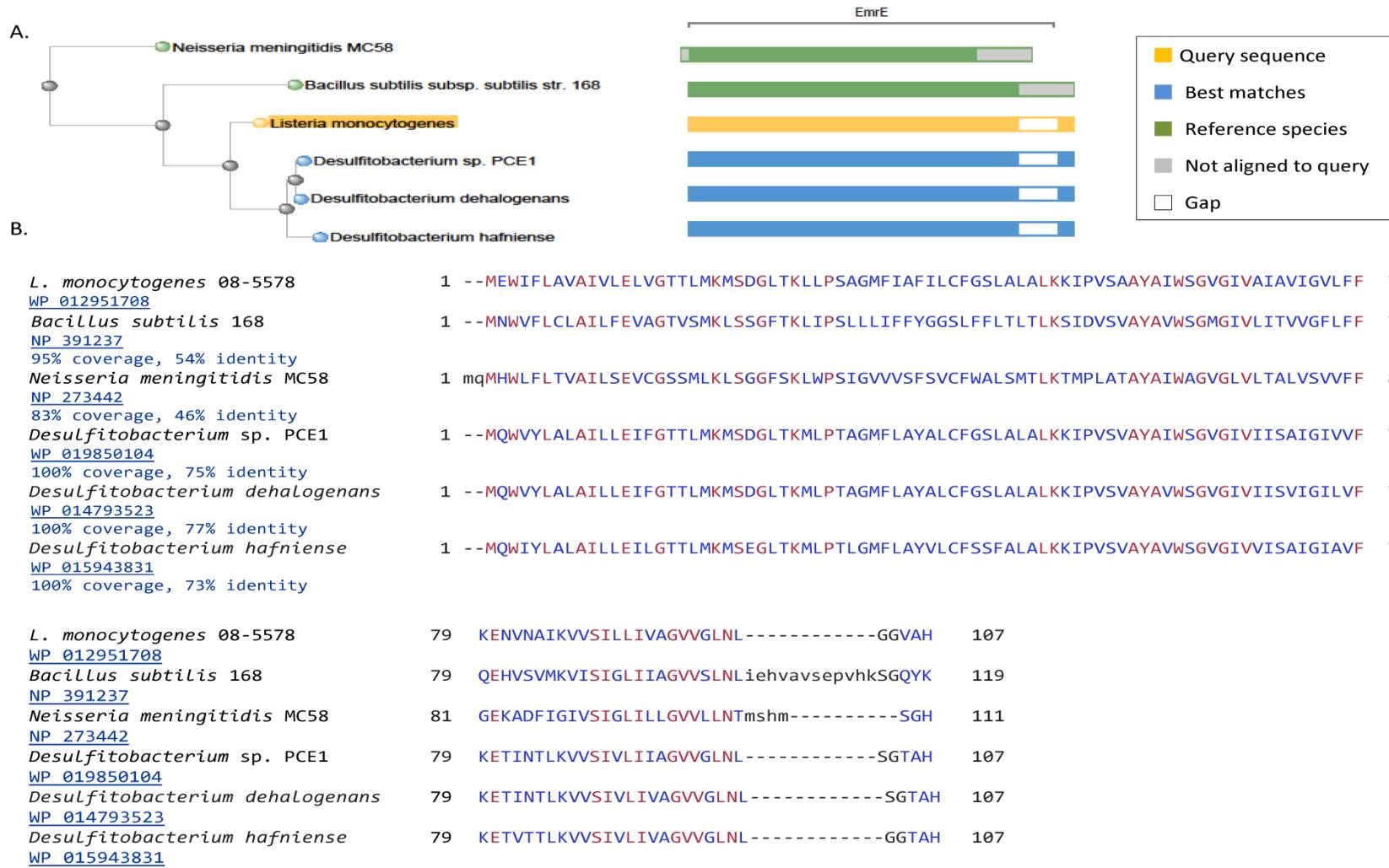


FIG S3. The graphic representation (A) and blastp protein sequence homology (B) of *emrE_{Lm}* to the other publically available proteins in the NCBI database obtained using SmartBlast. Reference species represent matches from well-studied species.