**S3 Figure**: Pangenome analysis of *L. santarosai* strains.

The graph was obtained with Roary 3.11.2 [1] (yielding a total of 13,168 gene clusters). The pangenome of *L. santarosai* presents an open profile, which was further verified by Heap's law [1], \( n = \kappa N \gamma \); considering a total of 13,168 genes \( n \) in the pangenome (according to Roary) and the 64 genomes \( N \) included, the observed curve allows for non-linear fitting with a constant \( \kappa = 2851.4 \). Thus, \( 1 - \gamma = \alpha = 0.63 \). An \( \alpha \) value <1 indicates an open profile. Same result was obtained considering \( n = 13,156 \) (GET_HOMOLOGUES).

**References**: