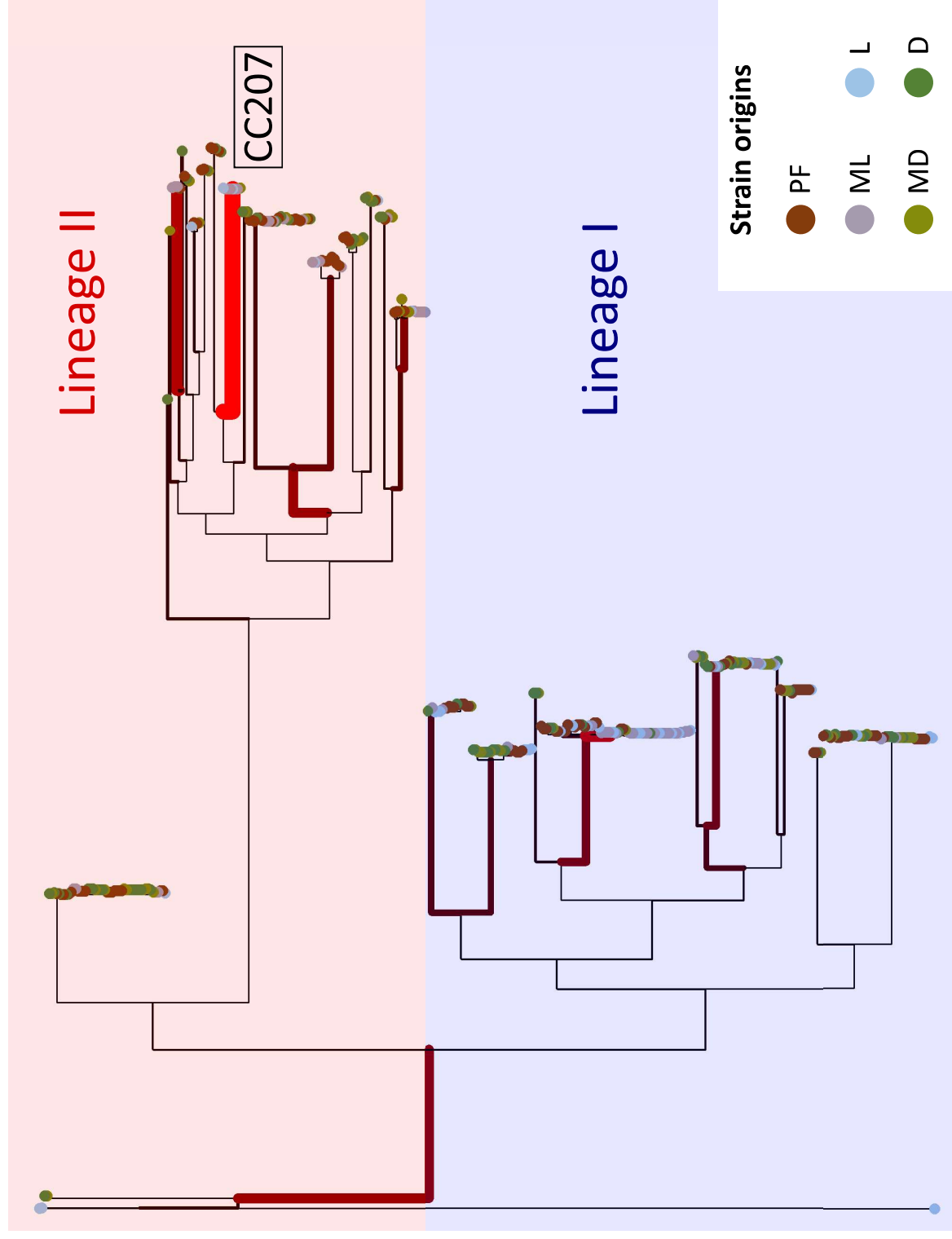
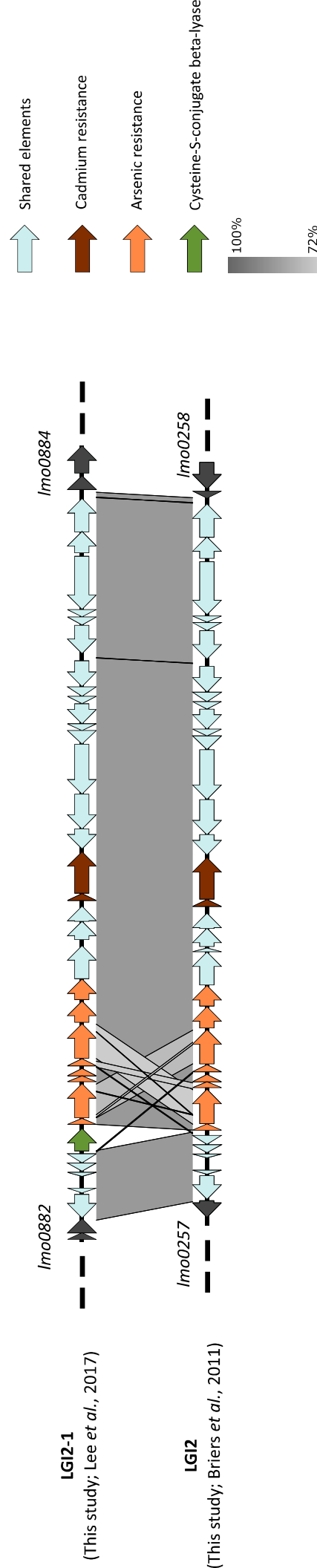




Supplementary Figure 1: Bayesian inference on the origins of the strains, considered as a phenotype. The coloured dots on the branches represent the origin of the strains. The thickness of the branches is proportional to the posterior probability of having a change point.



Supplementary Figure 2: Sequence alignment of the LGI2-1 and LGI2 found in this study compared to the reference Scott A LGI2.