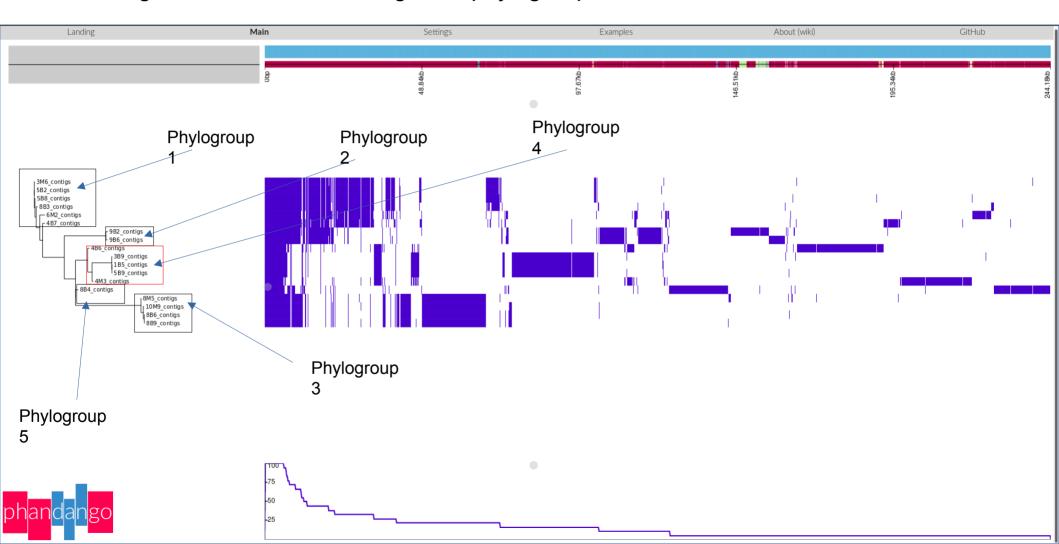
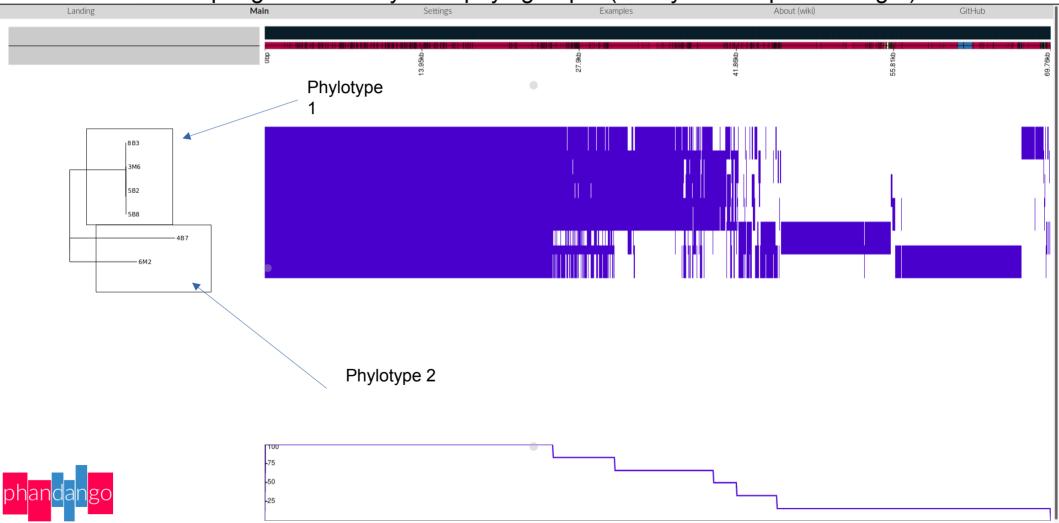
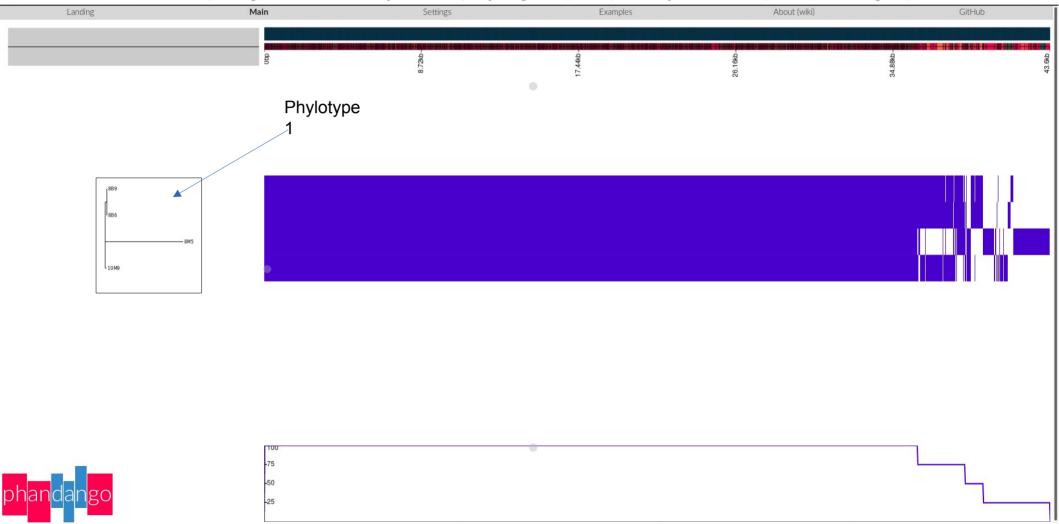
Pangenome-based clustering of all phylogroups



SNP-based phylogeny accounting for recombination (tree on the left) and pangenome analysis of phylogroup 1 (binary heatmap on the right)



SNP-based phylogeny accounting for recombination (tree on the left) and pangenome analysis of phylogroup 3 (binary heatmap on the right)



SNP-based phylogeny accounting for recombination (tree on the left) and pangenome analysis of phylogroup 4 (binary heatmap on the right)

