BCSL_114 (complete genomes)

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genome annotation: Prokka

↓

protein-coding gene annotations

↓

pan-genome construction: Roary

↓

59,989 orthologous sequence clusters

↓

cluster filtering

↓

8,954 orthologous sequence clusters

↓

multiple sequence alignment: MAFFT

↓

8,954 aligned sequence clusters

↓

gene model construction: hmmbuild

↓

HAMSTR_FULL_MGES_REMOVED