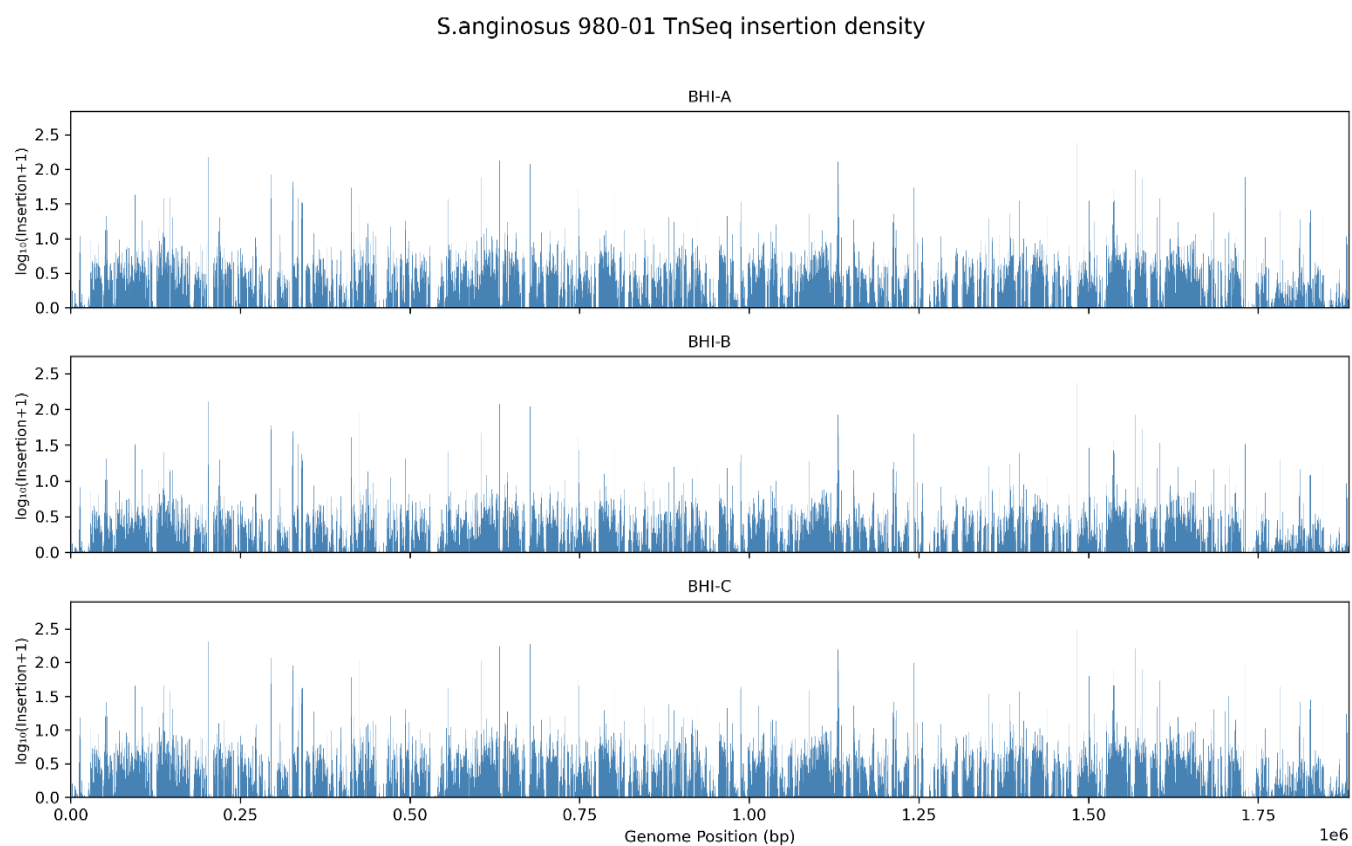


Supplemental File S2

The ISS1 insertion density plot across the *S. anginosus* 980/01 genome from triplicate transposon library (BHI-A, BHI-B, BHI-C). The bottom line represents the *S. anginosus* 980/01 genome, annotated with coordinate scale.



Supplemental File S3

ISS1 insertion plot for selected *S. anginosus* 980/01 strain-specific essential genes:

a/ *sodA* encoding superoxide dismutase,

b/ *ssaC* encoding the substrate-binding component of a manganese ABC transporter (SsaABC),

c/ *purB* encoding adenylosuccinate lyase,

d/ *clpC* encoding ATPase subunits of the Clp protease complex,

e/ *clpX*, encoding ATPase subunits of the Clp protease complex,

f/ *ldh* encoding L-lactate dehydrogenase

Visualization generated using the Integrative Genomics Viewer: the number of reads per ISS1 insertion is shown for the selected locus. The top lines depict represents a schematic of the *S. anginosus* 980/01 genome, annotated with coordinate scale. The open reading frames are shown as bars, with arrowheads indicating transcriptional orientation.

