Supplementary Figures

in article:

"*Unraveling transposable elements in pathogen-induced bovine mastitis through comparative in vivo and in vitro transcriptomic analysis*"

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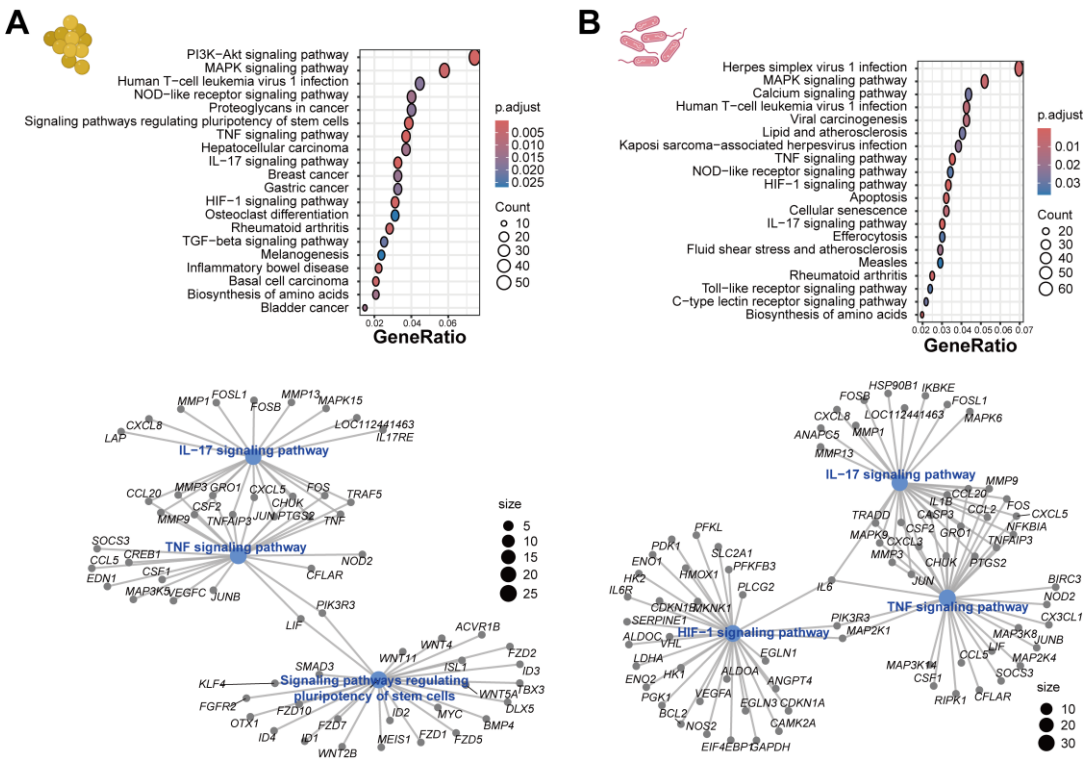

Figure S1. KEGG enrichment analysis of DE Genes (top panel), and network relationship diagrams of DE Genes within the top 3 significant KEGG pathways (lower panel) upon *S. aureus* (**A**) and *E. coli* (**B**) challenges.

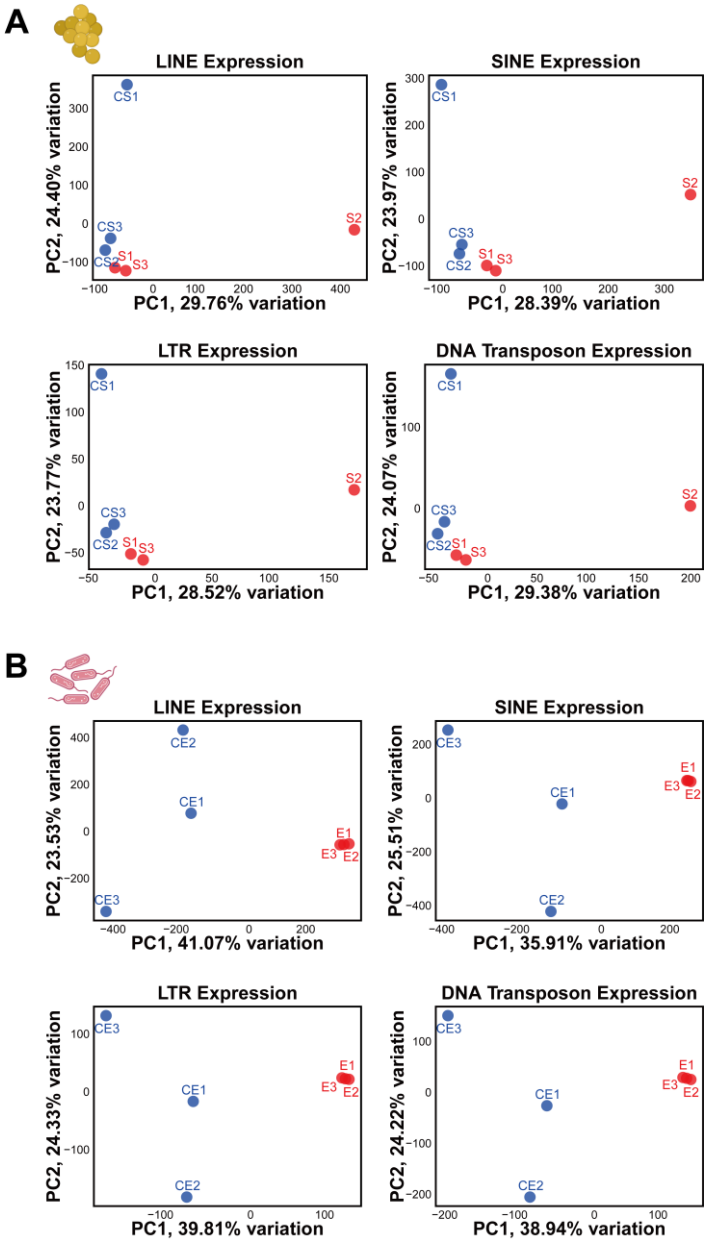

Figure S2. PCA analysis of expression levels of four TE clades upon *S. aureus* (**A**) and *E. coli* (**B**) challenges.

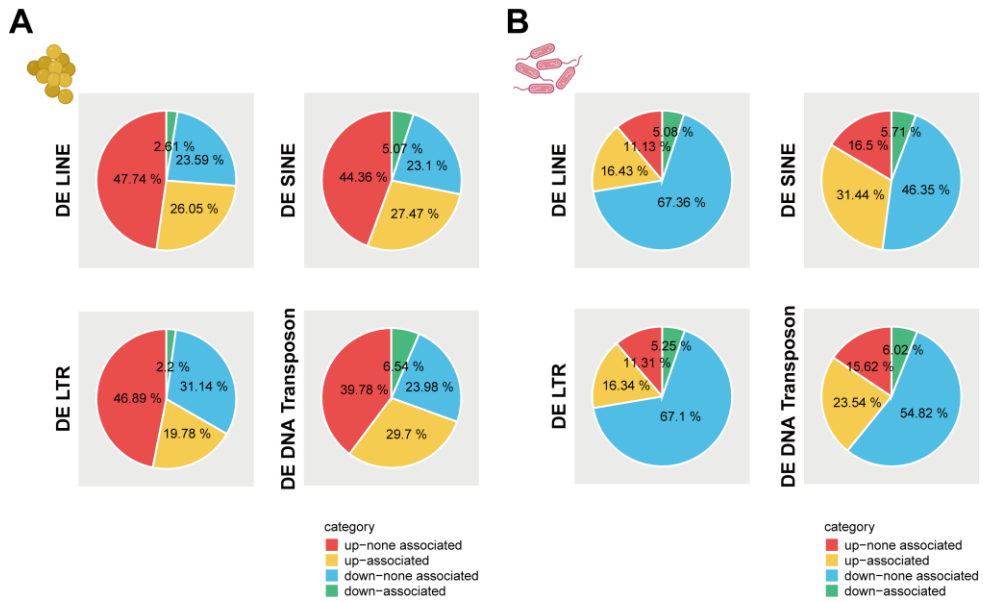

Figure S3. Pie chart of the classification statistics of DE TEs from four TE clades upon *S. aureus* (**A**) and *E. coli* (**B**) challenges.

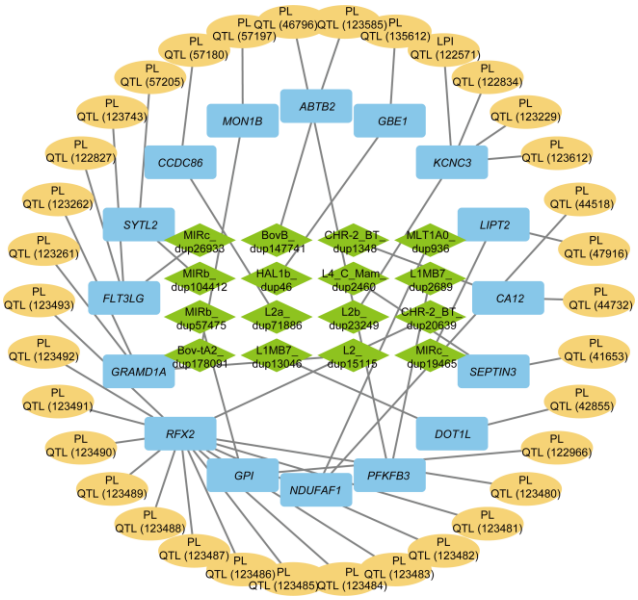

Figure S4. TE-gene-QTL network based on QTLs linked to the " Lifetime production" trait in *S. aureus* challenge. PL, length of productive life; LPI, lifetime profit index.