Staphylococcus aureus isolated from anterior nares of healthy individuals typically don’t have the TSST-1 toxin but have alpha and SEl-X toxins.

Methods:
- Colony PCR is used to amplify the DNA sequence for each toxin
  - Positive controls are clinical isolates that are known for having desired toxin or toxins
  - Negative controls contain no bacteria
- DNA gel electrophoresis is used to visualize the amplified DNA sequence
- Isolates were run through colony PCR and DNA gel electrophoresis twice to confirm results

Discussion:
- Out of the 12 isolates tested:
  - TSST-1: 2 positive, 9 negative and 1 inconclusive
  - Alpha: 9 positive, 0 negative and 3 inconclusive
  - SEl-X: 6 positive, 4 negative and 2 inconclusive
- Inconclusive results of both runs didn’t match, needs to be run again

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