**Supplementary Table 1.** *Staphylococcus aureus* and non-*aureus* staphylococci and mammaliicocci strains (NASM) used in our study.

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| --- | --- | --- |
| **Bacteria** | **Origin** | **References** |
| *Staphylococcus aureus* | Persistent bovine subclinical intramammary infection (*spa* type t605) | Santos et al. (2020); Cunha et al. (2020); Souza et al. (2022). |
| *Staphylococcus aureus* | Dairy cow’s nose (*spa* type t089) | Santos et al. (2020); Souza et al. (2022) |
| *Staphylococcus chromogenes* | Persistent bovine subclinical intramammary infection (multilocus sequence type 1) capable of colonizing quarters of dry quarters, and has *in vitro* inhibitory effects against *S. aureus, Streptococcus uberis, Streptococcus dysgalactiae* and *Escherichia coli* | Supré et al. (2011); Breyne et al. (2015); Piccart et al. (2016); Souza et al. (2016); Beuckelaere et al. (2021); Huebner et al. (2021); Toledo-Silva et al. (2021a); Toledo-Silva et al. (2021b); Toledo-Silva et al. (2022). |
| *Staphylococcus chromogenes* | Heifer’s teat apex and has *in vitro* inhibitory effects against *S. aureus, Streptococcus uberis, Streptococcus dysgalactiae* and *Escherichia coli* | De Vliegher et al. (2004); Breyne et al. (2015); Piccart et al. (2016); Souza et al. (2016); Toledo-Silva et al. (2021a); Toledo-Silva et al. (2021b); Toledo-Silva et al. (2022). |
| *Mammaliicoccus fleurettii* | Sawdust on a dairy farm | Piessens et al. (2011); Breyne et al. (2015); Piccart et al. (2016); Souza et al. (2016). |

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