**Additional Information**

“Large-scale CRISPRi and transcriptomics of *Staphylococcus epidermidis* identify genetic factors implicated in commensal-pathogen lifestyle versatility”

**Software**

**Guide Design Script**

We wrote a short R script (based on our published GuideFinder script) to design guides for CRISPRi. We would like this script to be available to readers because we think it may be a useful tool for researchers performing similar experiments. As such, it will be posted to our GitHub page prior to publication. We have included the script for reviewers (including the actual file we used as input) for transparency’s sake, however, testing the function of the script is not vital to findings of our study (we have included all of the designed guides, which is the output of the script, in our Supplemental Data).

**Analysis Scripts**

All analyses were performed with available software (see reporting summary for programs used). The “custom scripts for analysis” described in the data availability section is just the workflow of which programs were used, plus the inputs and outputs (i.e. no custom algorithms were used in the data analysis). This is additionally described in detail in the methods. Following the workflow we described in the methods, all readers should be able to re-create our analysis exactly without the analysis scripts. All analysis inputs, such as count data and the raw fasta files from which this count data was generated will be made available in the Supplement or in the Short Read Archive, respectively.

**Additional Data**

The additional supplemental data we would like to include (Tu3298 annotation, count tables, etc as described in “Data Availability”) was not uploaded with the submission, but we intended for these files to be available for reviewers and readers. We have attached these files as a compressed folder here (SFiles).

**Funding**

I think funding sources were mistakenly left off the manuscript submission, but we’ve included it in the body of the manuscript. I’ve pasted below.

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