

**A**

Gene Name	Percent GC Content	Location in Gene Body (as percentage of gene length)
<i>cysE</i>	50	27
<i>ftsZ</i>	45.5	6
<i>gnd</i>	45.8	4.5
<i>infC</i>	33.3	33
<i>groEL</i>	30.4	5.9
<i>rplB</i>	45.8	8.7
<i>rpoC</i>	34.8	2.5

**B**

Gene Name	Percent GC Content	Location in Gene Body (as percentage of gene length)
<i>cysE</i>	57.9	3.5
<i>ftsZ</i>	42.1	3.2
<i>gnd</i>	34.8	10.8
<i>infC</i>	28.6	2.1
<i>rplB</i>	30	10.5

**Supplemental Table 1. Guide Characteristics.** Tables summarizing the guide characteristics for the guides used to knockdown the essential genes (listed) in *S. aureus* (A) and *S. epidermidis* (B).