**Table S1. Primers originated from the specific gene for bacterial spiece identification.**

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| --- | --- | --- |
| **Species** | **Gene** | **GenBank accession No.** |
| *Streptococcus pneumoniae* | *lyt*A | AJ243399 |
| *Staphylococcus aureus* | *fem*A | BA000033 |
| *Escherichia coli* | *pho*A | U00096 |
| *Klebsiella pneumoniae* | KPN\_04473 | CP000647 |
| *Pseudomonas aeruginosa* | *opr*I | M25761 |
| *Acinetobacter baumannii* | *ade*S | CP000521 |
| *Stenotrophomonas maltophilia* | *stm*Pr | AY253983 |
| *Haemophilus influenzae* | *omp*P6 | CP000671 |