

SUPPLEMENTAL FILE

Streptococcus suis was isolated from samples of the bacterial endocarditis lesions of pigs by culture on trypticase soy agar plates containing 5% horse blood at 37°C for 24 h under aerobic/anaerobic conditions (Anaeropack Kenki, Mitsubishi Gas Kagaku, Tokyo, Japan). Isolation of *S. suis* from the tonsils of pigs without bacterial endocarditis was done by culture of samples on trypticase soy agar plates containing 5% horse blood supplemented with *Streptococcus* selective supplement (Kanto Kagaku, Tokyo, Japan) at 37°C for 24 h under 5% CO₂ conditions (Anaeropack CO₂, Mitsubishi Gas Kagaku, Tokyo, Japan). Colonies suspected of being *S. suis*, based on α or β hemolysis, observation of gram-positive staining cocci, and absence of catalase activity, were identified by PCR assay targeting the *recN* gene [S1].

The types of *cps* were identified using multiplex PCR assays [S2]. Putative ST complexes were identified based on PCR assays targeting pilus-associated genes (*sbp2*, *sep1*, and *sgp1*) [S3]. Virulence-associated gene profiling was performed using PCR assays for *epf*, *sly*, *mrp*, *arcA* [S4], and *ofs* [S5] genes.

REFERENCES

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