Transformed *P. gingivalis* ATCC 33277 Δ*mf1* Δ*fim* cluster

Obtained *fim* cluster-deletion mutants of *P. gingivalis* carrying *pT-COW::ragA* promoter with *fimA* of each genotype.

Figure S4  Introduction of the *fimA* gene of each genotype into the *fim* cluster-deletion mutant of *P. gingivalis.*

The *fimA* gene from various *P. gingivalis* strains including ATCC 33277 (type I), TDC60 (type II), 6/26 (type III), W83 (type IV), HG564 (type IV), and HNA99 (type V) were introduced into *fim* cluster-deletion mutant of *P. gingivalis.* Small arrows show the primers. *tetQ* confers tetracycline resistance to *P. gingivalis.*