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A single nucleotide change in the promoter *mutp* enhances fluoride resistance of *Streptococcus mutans*

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1 **Supplemental Material**

2 **Table S1.** Primers used in this study

| Primers | Nucleotide sequence (5' to 3') ^a | Product size ^b | Purpose |
|-------------------|--|---------------------------|--|
| <i>mutp_F</i> | GAATTC CCTTAATCCCCATC TAATGCT | 697 | Amplification of fragment containing <i>mutp</i> (-44A) from UA159 genomic DNA for mutagenesis |
| <i>mutp_R</i> | G CATGCAATACCATAGGG AATATC | | |
| <i>mutp_M_F</i> | CAAAAAAAAAAGGCCTTGCGT CTAGCCTTTCCTTTTTTTC | 697 | PCR-based site-directed mutagenesis in <i>mutp</i> (-44A→C) |
| <i>mutp_M_R</i> | GAAAAAAAAAGAAAGGCTAG ACGCAAGGCCTTTTTTTTG | | |
| <i>mutp_con_F</i> | CAACGATGCCAACCAACA | 875 | Confirmation for mutation in <i>mutp</i> (-44A→C) |
| <i>mutp_con_R</i> | TTAACAGCCGCCATTCCT | | |

3 ^a restriction sites are in boldface: *EcoRI*, GAATTC; *SphI*, GCATGC

4 ^b in bp

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