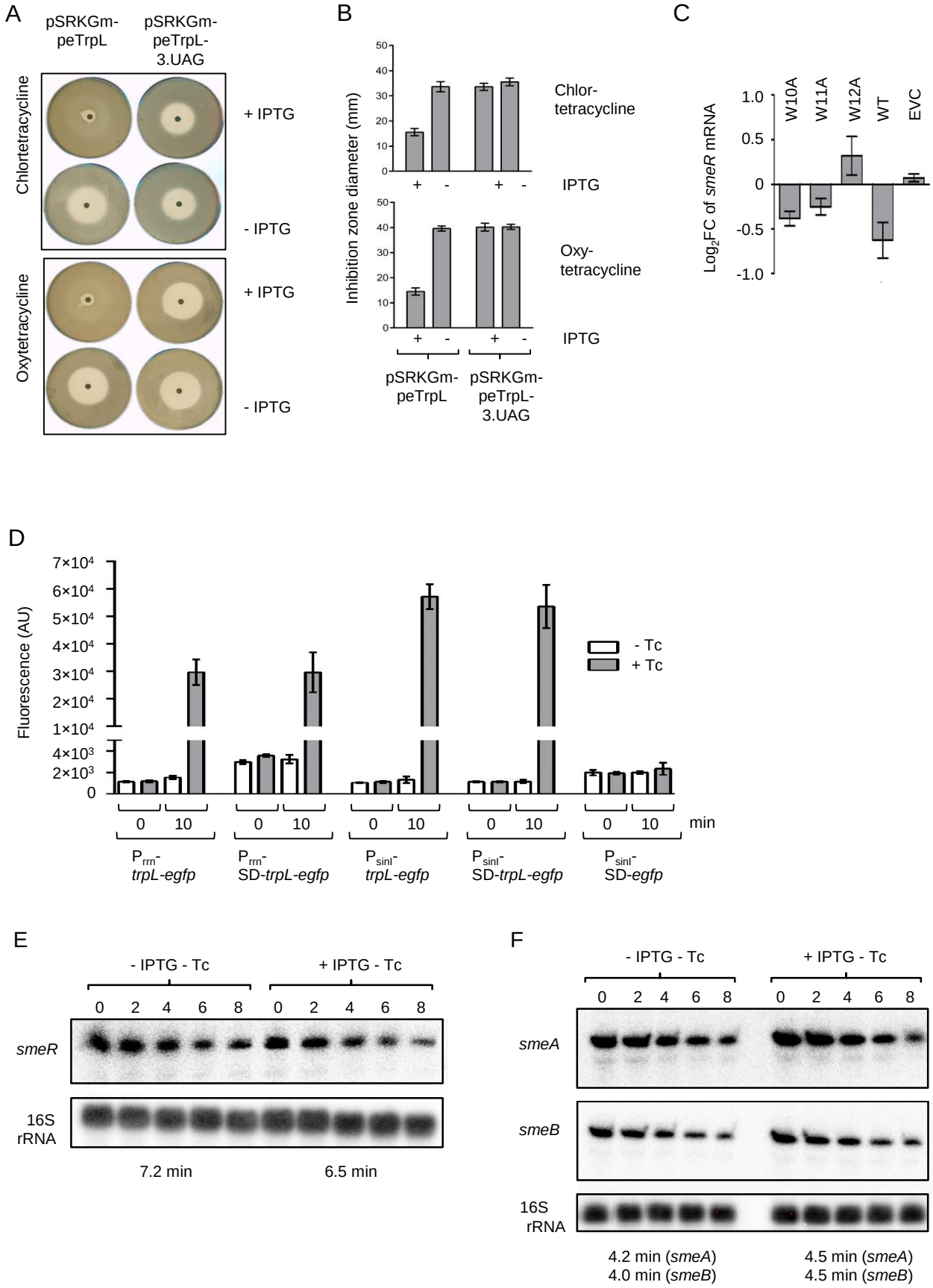
Figure S1


A
pSRKGm-peTrpL
pSRKGm-peTrpL-3.UAG
Chlortetracycline
Oxytetracycline
+ IPTG
- IPTG
+ IPTG
- IPTG
B
Inhibition zone diameter (mm)
Chlor-tetracycline
Oxy-tetracycline
IPTG
pSRKGm-peTrpL
pSRKGm-peTrpL-3.UAG
C
Log2FC of smeR mRNA
W10A
W11A
W12A
WT
EVC
D
Fluorescence (AU)
- Tc
+ Tc
min
Prrn-trpL-egfp
Prrn-SD-trpL-egfp
PsinI-trpL-egfp
PsinI-SD-trpL-egfp
PsinI-SD-egfp
E
- IPTG - Tc
+ IPTG - Tc
smeR
16S rRNA
7.2 min
6.5 min
F
- IPTG - Tc
+ IPTG - Tc
smeA
smeB
16S rRNA
4.2 min (smeA)
4.0 min (smeB)
4.5 min (smeA)
4.5 min (smeB)