

Table S1. Oligonucleotides used in this study.

Chromosomal deletions	
Name	5'-3' sequence
SfAF	ACTTTTGACCATTGACCAATTTGAAATCGGACACTCGAGGTTTACATATGTGTA GGCTGGAGCTGCTTCG
SfBR	AAAGAATACCGGAACGAAGAAGATTGCCAGTACCGTTGCGATATGAATATCCT CCTTAGT
SfAR	TAGGCATGTCTTAACGGCTCCTGTTTAAGTTAAGACTTGGACTGTTTCAGGCATA TGAATATCCTCCTTA
SfBF	CCTGAACAGTCCAAGTCTTAACTTAAACAGGAGCCGTTAAGACATGCCTATGT AGGCTGGAGCTGCTTCG
Plasmids construction	
Name	5'-3' sequence
pSfacrBF	NNGGATCCATGCCTAATTTCTTTATCGATCGC
pSfacrBR	NNGGATCCGATCCTGAGTTGGTGGTTCAATTACT
pSfacrB _{D408A} F	CATCGGCTTGTTGGTGGATGCCGCTATCGTTGTGGTAGAAA
pSfacrB _{D408A} R	TTTCTACCACAACGATAGCGGCATCCACCAACAAGCCGATGG