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Supplemental Information

Structure of the Bacterial Sex F Pilus

Reveals an Assembly of a Stoichiometric

Protein-Phospholipid Complex

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Table S1 – Oligonucleotides used in this study (related to METHODS “Construction of mutants” section).

Purpose	Oligonucleotide name and sequence
Kanamycin cassette generation	TraA_KO2_F 5' – ATGAATTTATCCTTTGCAAAAGGCGGCCTCCCTG CGCCTGTAAAAAACCGAATTAACCCTCACTAAAGGGCGG TraA_KO2_R 5' – TCATTTGATGAAGGTAAGACCGACGGTAGTGAAGA CGATAACCAACAACCATAATACGACTCACTATAGGGCTCG
<i>traA</i> allele cloning into modified pBAD-M11	TraAinBAD_F 5' – CAGGAGGAATTAACCATGAATTTATCCTTTGCA AAAGG TraAinBAD_R 5' – AGCCAAGCTCTCTTATCATTGATGAAGGTAA GACCG
<i>traA</i> mutagenesis	Y37F_F 5' – GCGATGTTTCATCCGCACCAAGAACC Y37F_R 5' – GCGGATGAACATCGCCACACCGAC Y37V_F 5' – GCGATGGTTATCCGCACCAAGAACC Y37V_R 5' – GCGGATAACCATCGCCACACCGAC A28F_F 5' – ATCATTTTCGAACTGATTGTCGGTGTGG A28F_R 5' – CAGTTCGAAAATGATGATACACATCATGACG A28N_F 5' – ATCATTAACGAACTGATTGTCGGTGTGG A28N_R 5' – CAGTTCGTTAATGATGATACACATCATGACG R39E_F 5' – TATATCGAAACCAAGAACCTGCTGATCC R39E_R 5' – CTTGGTTTCGATATACATCGCCACACCGAC R39A_F 5' – TATATCGCCACCAAGAACCTGCTGATCC R39A_R 5' – CTTGGTGGCGATATACATCGCCACACCGAC