



FIG S2 Confirmation of recombinants by restriction mapping. (A) Confirmation of in-frame deletion of *rkd* in plasmid pYH285 by *Blpl* restriction digestion. (B) Confirmation of in-frame deletion of *homE* in cosmid 10A3 by *KpnI* restriction digestion. (C) Confirmation of insertion of *bla* in plasmid pWHU285 by *FspI* restriction digestion. The DNA bands of size changed before and after deletion/insertion are indicated by blue and red arrows, respectively.