Figure S1  SNP recombination rates on ip54. The graph contains 680 SNPs on a concatenated alignment of 61 orthologous ORF families on the ip54 plasmids from fourteen Bbss strains. The green track indicates average sequence polymorphisms. BBA24, coding for decorin-binding protein A (dbpA), showed the highest sequence variability and the highest recombination rate. Red and blue curves show SNP pairs having significantly high and low recombination rates, respectively. Recombination rates were calculated by using LDHat (MCVEAN et al. 2002). Although depicted as circular, the actual ip54 plasmids are linear.