Supplementary Figure 2. Recombineering frequencies are dependent on the length of DNA homology. DNA substrates containing different extents of DNA homology (as shown) were generated by PCR amplification of a plasmid substrate in which M. smegmatis sequences flanking the groEL1 gene are inserted upstream and downstream of hygR as shown. Recombineering frequencies were determined as described in the text by electroporation of 100 ng of each PCR product into the recombineering strains M. smegmatis mc²155:pJV24 (○), and M. smegmatis mc²155:pJV53 (▼), or the vector control strain M. smegmatis mc²155:pLAM12 (●).