

**S3 Fig. Gene insertion using dsDNA-homologous recombination.** (A) Agarose gel electrophoresis of the PCR products following the insertion of *gfp* downstream of *dxs* (B) Steps and primers (dxs-seqF2 and dxs-seqR2) used to confirm recombination. The size of specific PCR products is given in parentheses.