



Fig. S3: REMI of plasmid DNA into *Dictyostelium* genome is defective in *ku80 dclre1*⁻ cells.

Ax2, *ku80*⁻, *dclre1*⁻ and *ku80 dclre1*⁻ cells were transfected with *Bam*HI linearised vector containing a blasticidin resistant cassette either alone or in combination with *Bam*HI. Following selection, blasticidin resistant colonies were scored for each transfection and REMI efficiency calculated for each strain as fold induction in number of blasticidin resistant colonies achieved by addition of *Bam*HI. Data is represented as the % induction of a given strain relative to the parental *Ax2* strain. Error bars represent standard error of the mean (SEM) from four independent experiments.