



**S9 Fig. Identification of *C. difficile* R20291 *recV flg ON\** mutants.** *C. difficile* R20291 *recV flg OFF\** was transformed with a plasmid for expression of *recV* to allow flagellar switch inversion. The strain was then passaged without antibiotics to allow plasmid loss. Five thiamphenicol-sensitive colonies were identified and screened by PCR as in Figure 1 for the orientation of the *cwpV* and flagellar switches. Shown: orientation-specific PCR assay of five isolates, two of which (#1, #3) have the flagellar switch in the ON orientation; both have the *cwpV* switch in the OFF orientation.