



Supplementary Figure 2. (A) Experimental distribution of burst sizes for $FtsK_{50C}$ (blue bars) and $FtsK_{50C}\Delta\gamma$ (red bars). Positive (negative) values indicate bursts in the permissive (non-permissive) direction. (B) Simulated distribution of burst sizes for $FtsK_{50C}$ (blue bars) and $FtsK_{50C}\Delta\gamma$ (red bars). (C) Experimental distribution of burst sizes for $FtsK_{50C}\Delta\gamma$ (open circles) and fits to a Poissonian distribution (black lines) with a mean burst size of ~ 9 kbp.