



Figure S5: Depletion of Lrr1 inhibits replisome disassembly

A. Mock-depleted (Mock) and Lrr1-depleted (Δ Lrr1) extracts were blotted with Cul2, Lrr1, and Elongin C (EloC) antibodies. The bands corresponding to Cul2, Lrr1, and Elongin C are marked with arrow heads. Over 95% of Lrr1 was depleted.

B. p[*lacOx32*] was incubated with LacR, then replicated in Lrr1-depleted extracts (Δ Lrr1) from (A) until forks converged upon the LacR array. At 17 minutes, IPTG was added to induce termination (or withheld to maintain the block) along with mock-depleted or Lrr1-depleted extracts. Chromatin-bound proteins were recovered by plasmid pull-down at time points between 19 and 40 minutes and analyzed by Western blotting using antibodies against Mcm7, Mcm6, Cdc45, Ctf18, Pol ϵ , Orc2, and Histone H3 (H3). Orc2 served as a loading control for the Mcm7 blot, and Histone H3 served as a loading control for the other blots.

C. Quantification of Mcm7, Mcm6, Cdc45, Ctf18, Pol ϵ , Orc2, and Histone H3 recovery from the Western blots in (B), as described in methods.