



Figure S1. Growth curves of UKP8, *kpfR::kan^R* and *kpfR::kan^R_{comp}* assessed by monitoring the optical density of the strains grown in LB medium at 37 °C with agitation. Despite the delayed entry into logarithmic (log) phase due to prolonged growth at lag phase, the mutant strain *kpfR::kan^R* exhibit a growth rate similar to that observed in the wild-type UKP8 on the log phase. The growth curve observed on the wild-type strain was reestablished on the complemented mutant strain *kpfR::kan^R_{comp}*.