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SUPPLEMENTARY MATERIAL

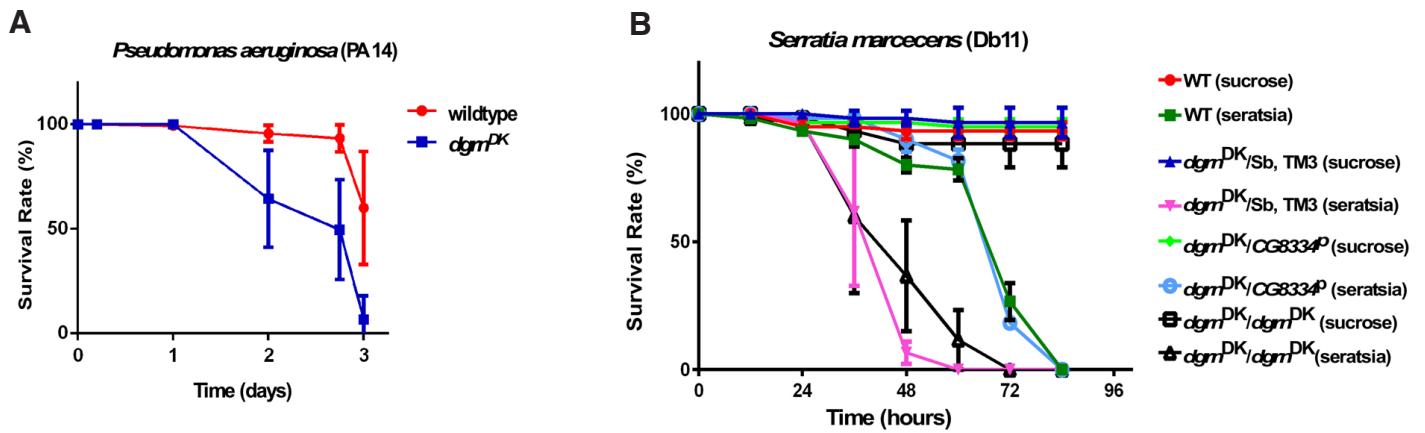
corresponding to:

**The SUMO-targeted ubiquitin ligase, Dgrn,
is essential for *Drosophila* innate immunity**

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Supplementary Fig. S1. Dgrn mutants are hyper-sensitive to Bacterial infections. (A) *dgrn* mutant flies are hyper-sensitive to oral infection with *Pseudomonas aeruginosa* (PA14). Survival of adult flies upon oral infection with Gram⁻ bacteria, *P. aeruginosa* PA14 was performed as described under Materials and Methods. (B) The iso-peptidase CG8334 antagonizes *dgrn*. (A, A') Survival of adult flies with the indicated genotypes upon infection with *Sm* (Db11). Halving the dose of CG8334p (+ *dgrn^{DK}/CG8334^P* +) rescues the lethality observed in *Dgrn^{DK}/+* heterozygous mutants. For pathogenic challenges $n=20$ for each genotype, and three independent biological repeats were performed in each set of experiments.