
**Supplementary Figure 1.** Raw data and fitted curves of the DR response at relative ages at onset of DR (PASM with 0.02% w/v Glucose) (A) for the autophagy deficient mutants (ΔPaUth1, ΔPaAtg8, ΔPaPspA, and ΔPaAtg1), and the wild-type parental strain s (in order of appearance from left to right) combined, and separately for each of the strains: (B) ΔPaUth1, (C) ΔPaAtg8, (D) ΔPaPspA, (E) ΔPaAtg1 and (F) the wild-type parental strain s (growth experiments were stopped after 90 days, p-values fitted curves < 0.001).