



**Fig. S3. Net growth rates of *S. Tm* with and without prophages and pCollb.** We compared growth rates of the WT strain (*S. Tm*<sup>WT 028</sup>), the strain only containing the phage ST64B (*S. Tm*<sup>WT 028 Gif1,2,3</sup>) and the prophage free strain (*S. Tm*<sup>WT 028 Ph</sup>). Strains carried either no plasmid, plasmid pCollb (p2) or were again cured of the plasmid (p2<sup>cured</sup>). Growth rates were determined from changes in OD600 during growth experiments in 96-well plates. (A) As example, growth of all strains over four hours in LB (0.5 μg/ml MitC) is shown. (B-E) From growth curves, the change in biomass per hour was calculated as the slope of the linear regression of OD600 values before (hours 0 - 2) and after (hours 2- 4) lysis induction. (B) LB medium, (C) iron limiting conditions (100 μM DTPA), (D) SOS-inducing stress alone (0.5 μg/ml MitC) or in (E) combination with iron limitation (MitC/DTPA) are shown.