Variable name definitions for the adsorption rate data in Bono et al. (2017).

**Population ID** = unique identifier for evolved populations

**Environment** = the host environment the population was evolved in: heterogeneous or homogeneous

**Rep** = the number of the biological replicate within a population

**T0 count on HB10Y** = number of plaques (free phage) at time = 0 (beginning of assay) on *Pseudomonas syringae* *pv phaseolicola*

**T40 count on HB10Y** = number of plaques at time = 40 (end of assay) on *Pseudomonas syringae* *pv phaseolicola*

**T0 count on ERA** = number of plaques at time = 0 on *P. pseudocaligenes* *pv ERA*

**T40 count on ERA** = number of plaques at time = 40 on *P. pseudocaligenes* *pv ERA*

**k std** = adsorption rate on *P. syringae pv phaseolicola*

**k novel** = adsorption rate on *P. pseudocaligenes* *pv ERA*