



FIG S3. Barcoded competitions of individual acquisition mutants and wildtype cells

Abundance of wildtype (WT) and thiamine acquisition mutants during multiday competitions were tracked using qPCR. Wildtype *B. thetaiotaomicron* was competed against (A) Δ BioThi, (B) Δ *pnuT*, (C) Δ *OMthi*, (D) $\Delta\Delta$ Transport, (E) $\Delta\Delta\Delta$ mutants, (F) $\Delta\Delta$ BioThi-*OMthi*, and (G) $\Delta\Delta$ BioThi-*pnuT* in 0 nM, 10 nM, 100 nM, and 10,000 nM thiamine. All competitions were performed in biological triplicate and error bars represent standard error of the mean.