

Supp. Fig. 1. GTPCH activity and feedback inhibition in the presence of TH are unaffected when neither protein is phosphorylated. *A*, We assayed recombinant nonphosphorylated GTPCH isoform C in the presence of varying concentrations of recombinant nonphosphorylated TH. No increase in GTPCH activity was observed confirming that phosphorylation of GTPCH and TH is necessary for biochemical consequence. *B*, Inhibition of recombinant nonphosphorylated GTPCH isoform C by 0.7 mM DAHP (BH₄ mimic) cannot be alleviated by the presence of TH when neither GTPCH nor TH are in the phosphorylated state. GTPCH activity is expressed as nmoles of dihydroneopterin triphosphate (H₂NTP) generated per min, per mg of recombinant GTPCH protein.

Supplemental Figure 1

