

Figure 8-figure supplement 9

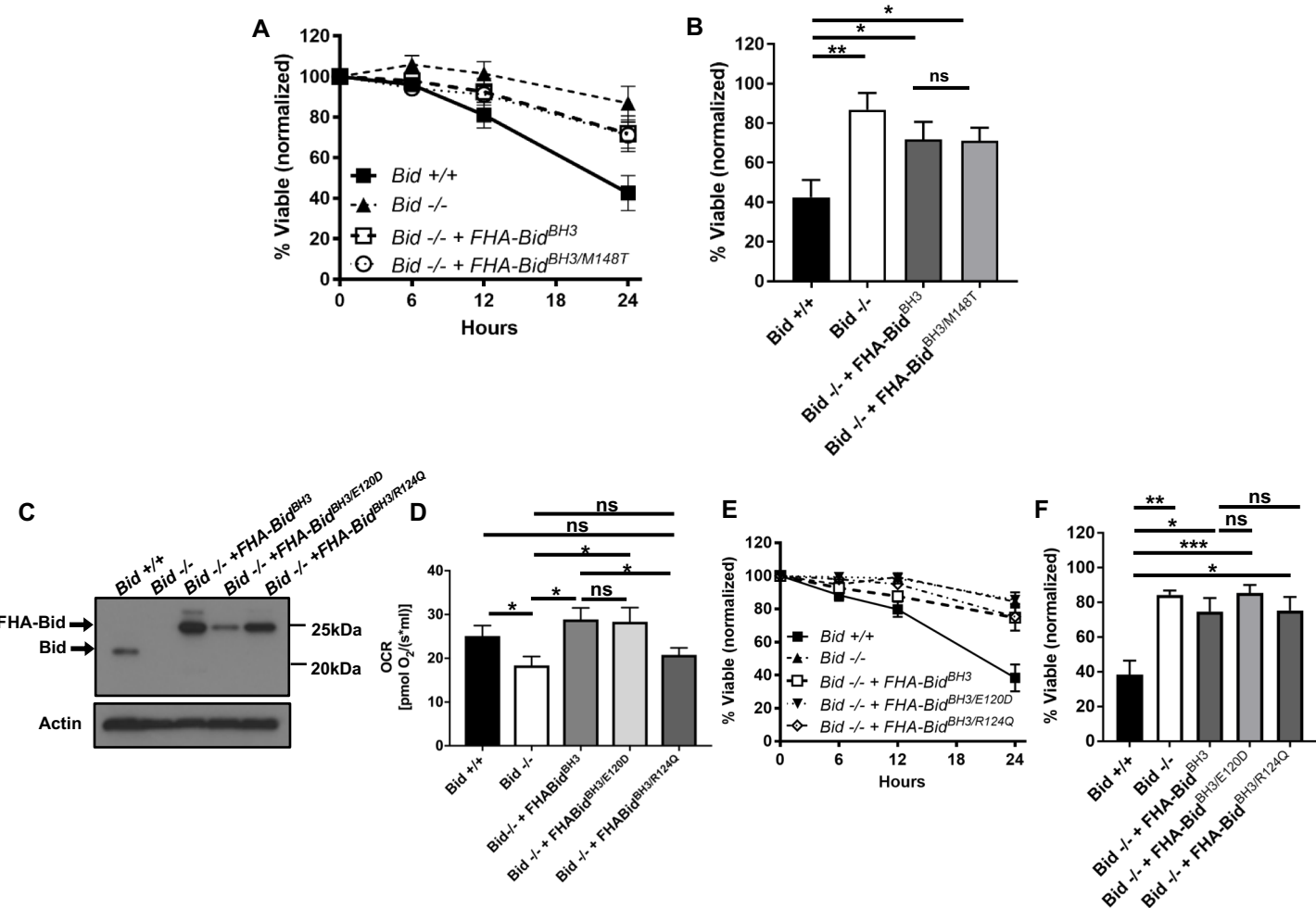


Figure 8-figure supplement 9. Mutations in Bid corresponding to Helix-5 SNPs show less impact on respiration than Helix-6 mutation M148T.

(A) Viability assay (AV/PI) for indicated cell lines corresponding to Figure 8 and **(B)** the 24 hour time-point (n=5). **(C)** Western blot of expression levels of Bid for the indicated genotypes. **(D)** OCR of *Bid*^{-/-}, *Bid*^{-/-} + *FHABid*^{BH3}, *Bid*^{-/-} + *FHABid*^{BH3/E120D}, and *Bid*^{-/-} + *FHABid*^{BH3/R124Q} MPCs for all cell lines (n=10,9,4,6,6 respectively). **(E)** Viability assay (AV/PI) of MPCs for indicated times following TNF-α/Actinomycin D treatment and **(F)** 24-hour timepoint (n=3,3,3,6,6 respectively). The percent of viable cells was normalized to no treatment. P-values were determined by one-way ANOVA (p<0.05) with Student's t-test for **B**, **D**, and **F**. Error bars indicate +/-SEM for all data. ns=not significant, * p<0.05, ** p<0.01, ***p<0.001