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Supplemental Material to:

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Two-compartment tumor metabolism: Autophagy in the tumor microenvironment, and oxidative mitochondrial metabolism (OXPHOS) in cancer cells

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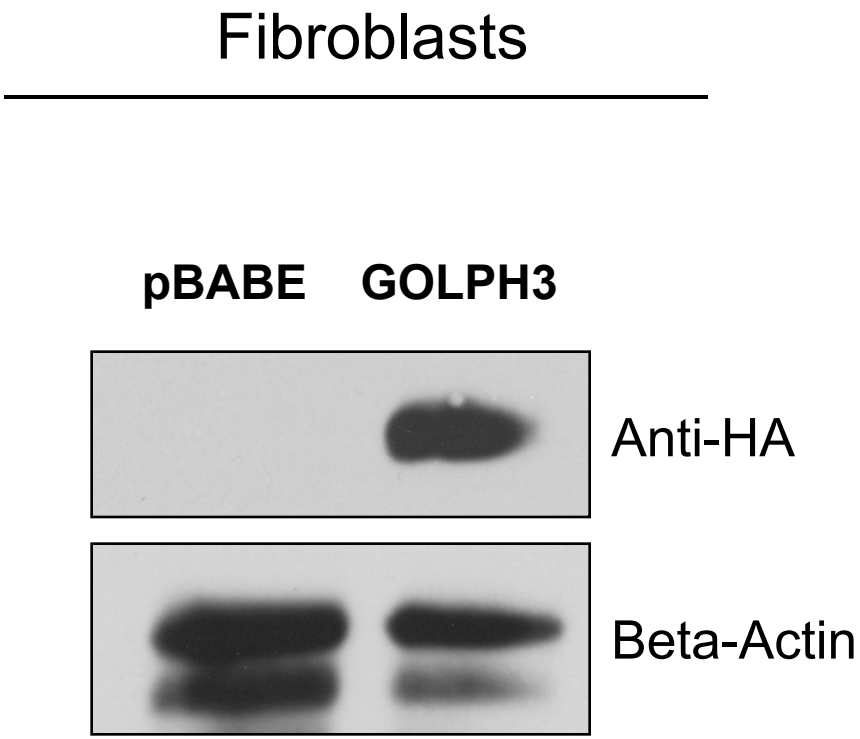
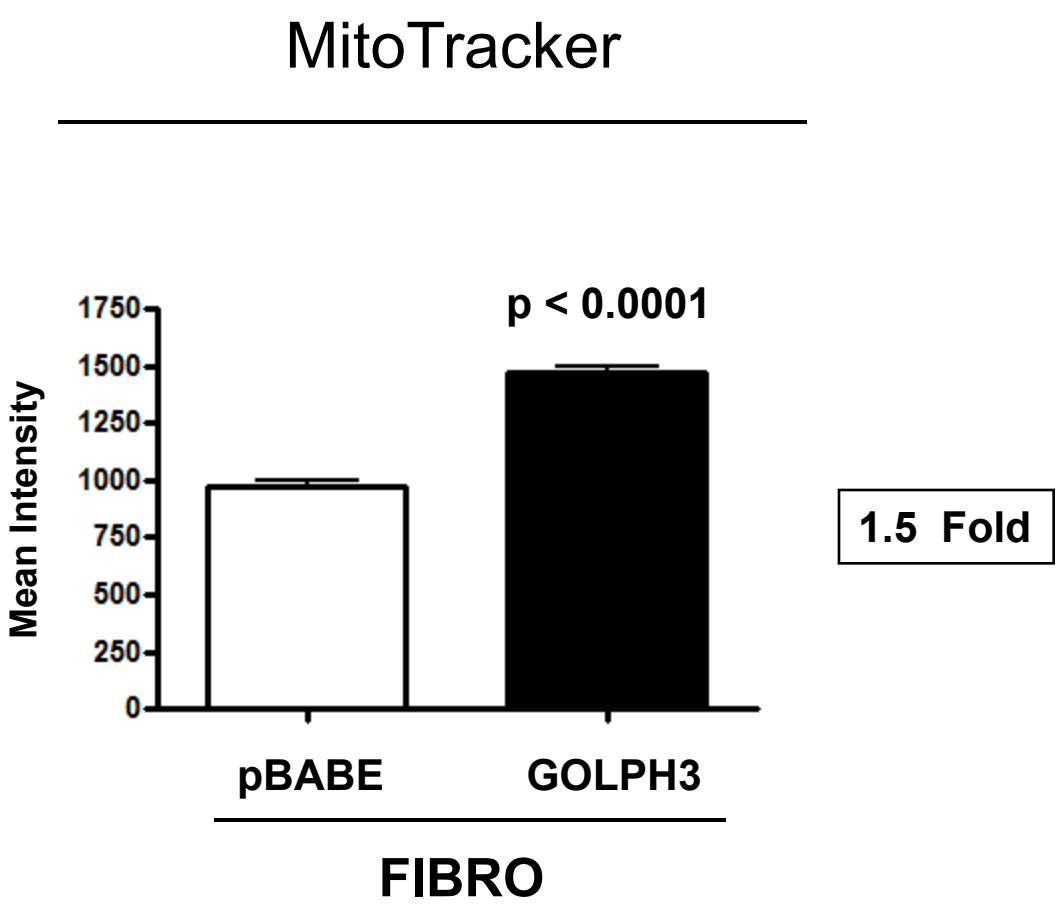
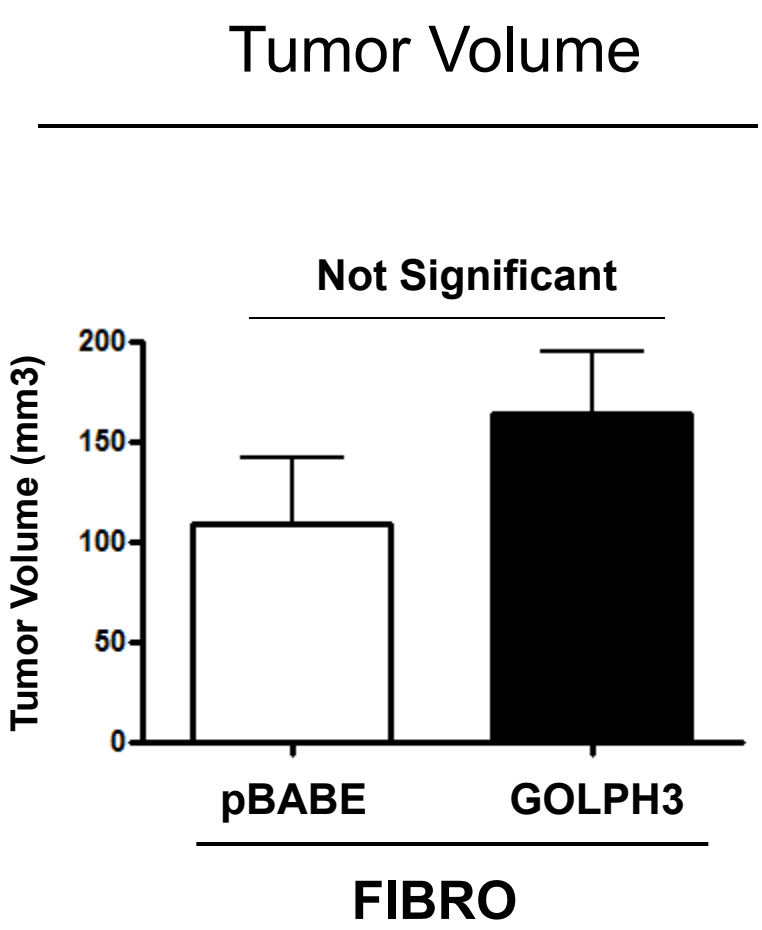
Supplemental Figure 1A



Supplemental Figure 1B



Supplemental Figure 1C



Supplemental Figure 1. Expression of GOLPH3 in hTERT-immortalized fibroblasts increases mitochondrial function, but does not affect tumor growth.

Panel A: Note that GOLPH3 was successfully stably-expressed in hTERT-BJ1 fibroblasts, as detected using antibodies directed against the HA-epitope tag.

Panel B: Over-expression of GOLPH3 in hTERT-fibroblasts increased MitoTracker activity by >1.5-fold,

Panel C: Over-expression of GOLPH3 in hTERT-fibroblasts did not significantly affect tumor growth when GOLPH3-fibroblats were co-injected with MDA-MB-231 breast cancer cells.