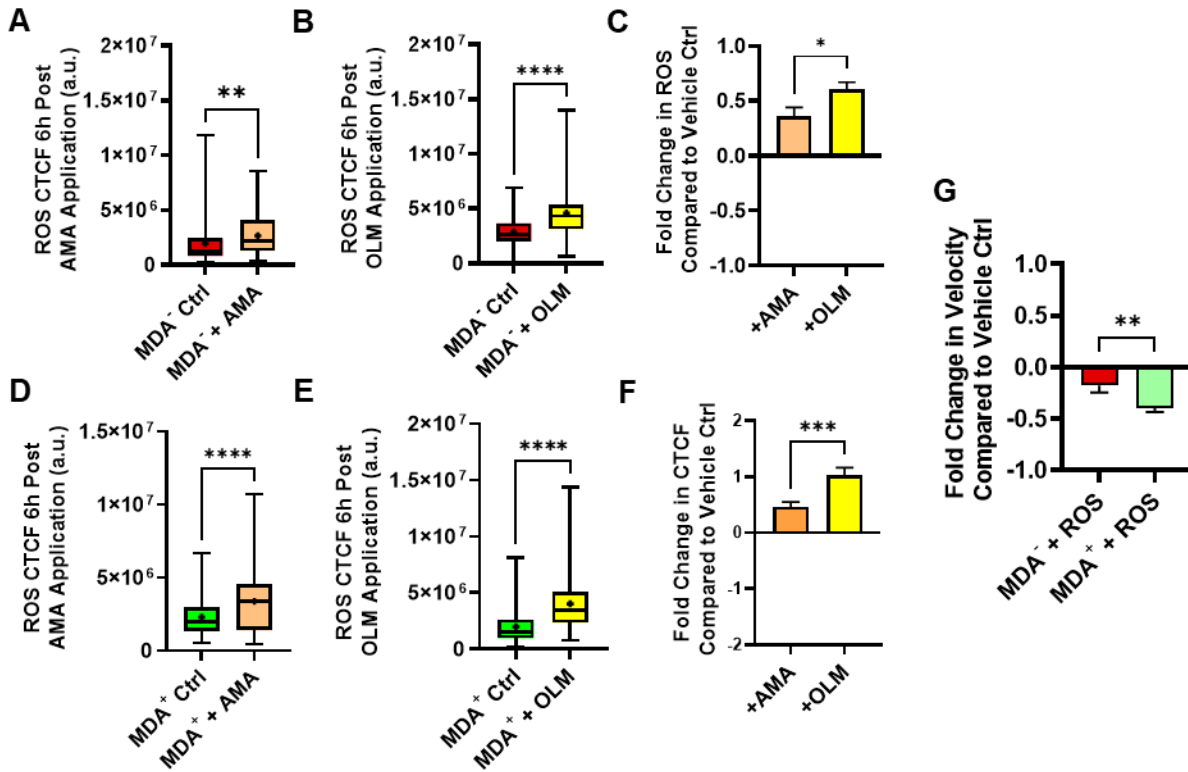


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Supplemental information

Link between glucose metabolism and epithelial-to-mesenchymal transition drives triple-negative breast cancer migratory heterogeneity

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Supplementary Figure 1. Modulation of mitochondrial respiration induces ROS production and reduces velocity in MDA subpopulations. Related to Figure 5.

(A) ROS production in MDA⁻ 6 h after 250 μ M AMA or vehicle control application in 2D (N=3, n=128/condition); (B) ROS production in MDA⁻ 6 h after 100 μ M OLM or vehicle control application in 2D (N=3, n=115-122/condition); (C) Fold change in ROS production between treated and control conditions in MDA⁻ (A-B); (D) ROS production in MDA⁺ 6 h after 250 μ M AMA or vehicle control application in 2D (N=3, n=102-107); (E) ROS production in MDA⁺ 6 h after 100 μ M OLM or vehicle control application in 2D (N=3, n=93-103); (F) Fold change in ROS production between treated and control conditions in MDA⁺ (D-E); (G) Fold change in velocity between treated and vehicle control conditions of MDA⁺ and MDA⁻ treated with 100 μ M ROS activator, tert-butyl hydroperoxide (TBHP) (N=3, n=74/condition). * denotes $p < 0.05$, ** denotes $p < 0.01$, *** denotes $p < 0.001$, **** denotes $p < 0.0001$. Mean + SEM shown for bar graphs and min to max for box-and-whisker plots with mean represented as "+".

	Forward (5' to 3')	Reverse (5' to 3')
CDH1	GCCTCCTGAAAAGAGAGTGGAAG	TGGCAGTGTCTCTCCAAATCCG
VIM	AGGCAAAGCAGGAGTCCACTGA	ATCTGGCGTTCCAGGGACTCAT
ZEB1	GGCATACACCTACTCAACTACGG	TGGGCGGTGTAGAATCAGAGTC
SNAI1	TGCCCTCAAGATGCACATCCGA	GGGACAGGAGAAGGGCTTCTC
ACTB	CACAAGCAGAGTGCTGAAGGTG	GATTCCTGAGAGTCCAAAGACAG

Supplementary Table 1. qPCR Primers. Related to Methods.

Primers designed for qPCR.