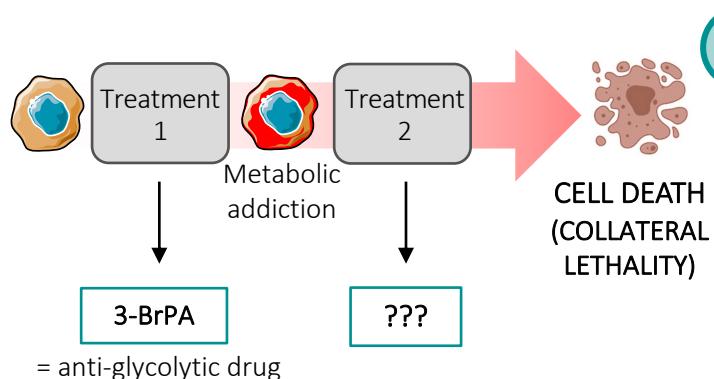


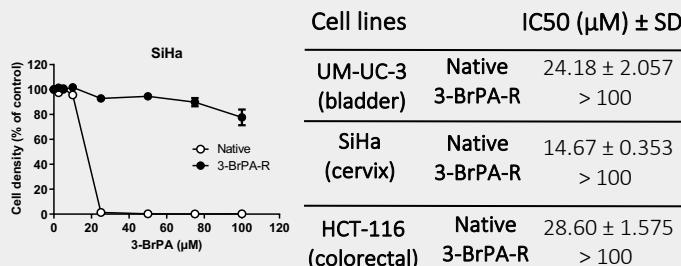
Therapy-induced DNA methylation inactivates MCT1 and renders tumor cells vulnerable for MCT4 inhibition

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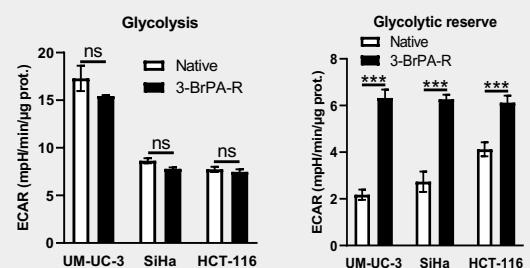


1 ESTABLISHMENT OF 3-BrPA-RESISTANT CANCER CELLS



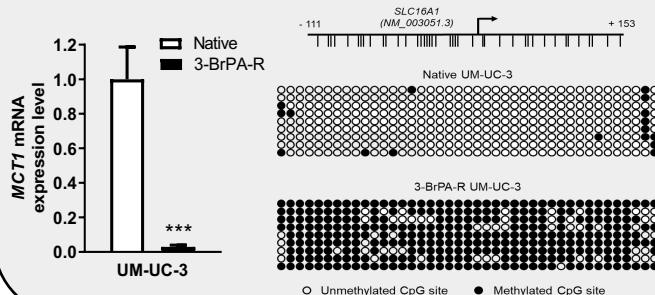
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GLYCOLYSIS IS MAINTAINED IN 3-BrPA-RESISTANT CANCER CELLS



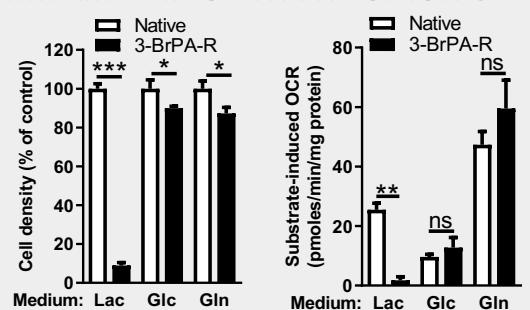
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MCT1 DNA HYPERMETHYLATION AS A SOURCE OF RESISTANCE TO 3-BrPA



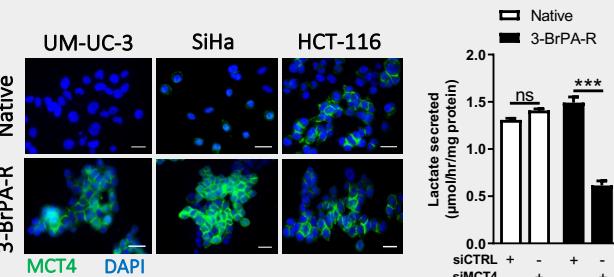
4

LACTATE UPTAKE AND UTILIZATION ARE IMPAIRED IN 3-BrPA-R TUMOR CELLS



5

MCT4 SUPPORTS GLYCOLYTIC FLUX IN 3-BrPA-R TUMOR CELLS



CONCLUSIONS: 3-BrPA TREATMENT SENSITIZES CANCER CELLS TO THE INHIBITION OF MCT4 BY DICLOFENAC

