

**Downregulation Of MTAP Promotes Tumor Growth And Metastasis By
Regulating ODC Activity In Breast Cancer**

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Supplementary Tables

Table S1. qPCR primers

Primer	Sequence
human-ACTIN-F1	ACCTTCTACAATGAGCTGCG
human-ACTIN-R1	CCTGGATAGCAACGTACATGG
human-MTAP-F1	CAGGCCGAACATCTGGGCTTT
human-MTAP-R1	GGACTGAGGTCTCATAGTGGT
human-TGFB1-F1	CTAATGGTGGAAACCCACAACG
human-TGFB1-R1	TATCGCCAGGAATTGTTGCTG
human-MMP2-F1	ACCCATTTACACCTACACCAAG
human-MMP2-R1	TGTTTGCAGATCTCAGGAGTG
human-MMP9-F1	CGAACTTTGACAGCGACAAG
human-MMP9-R1	CACTGAGGAATGATCTAAGCCC
human-VEGFB-F1	AGCCAGTGTGAATGCAGAC
human-VEGFB-R1	GTGGGATGGGTGATGTCAG
human-VEGFD-F1	TCCCATCGGTCCACTAGGTTT
human-VEGFD-R1	AGGGCTGCACTGAGTTCTTTG
human-ANG-F1	TGTTGGAAGAGATGGTGATGG
human-ANG-R1	CATAGTGCTGGGTCAGGAAG
human-ENG-F1	GCATCCTTCGTGGAGCTACC
human-ENG-R1	GAGGAGTGGTCTGGATCGG
human-PGF-F1	ACATGTTCAGCCCATCCTG

human-PGF-R1	TCCTTTCCGGCTTCATCTTC
human-TIMP1-F1	TTCTGCAATTCCGACCTCG
human-TIMP1-R1	TCATAACGCTGGTATAAGGTGG
human-TIMP4-F1	ATCTGTGCAACTACATCGAGC
human-TIMP4-R1	CGAGATGGTACAGGGTACTGTG

Supplementary Figures

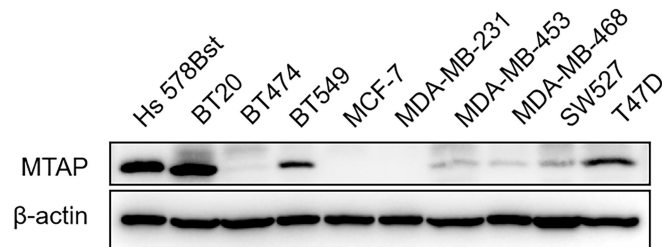


Figure S1. MTAP protein expression in BC cell lines and normal breast epithelial cell (Hs 578Bst) detected by Western blot. β -actin was used as a loading control.

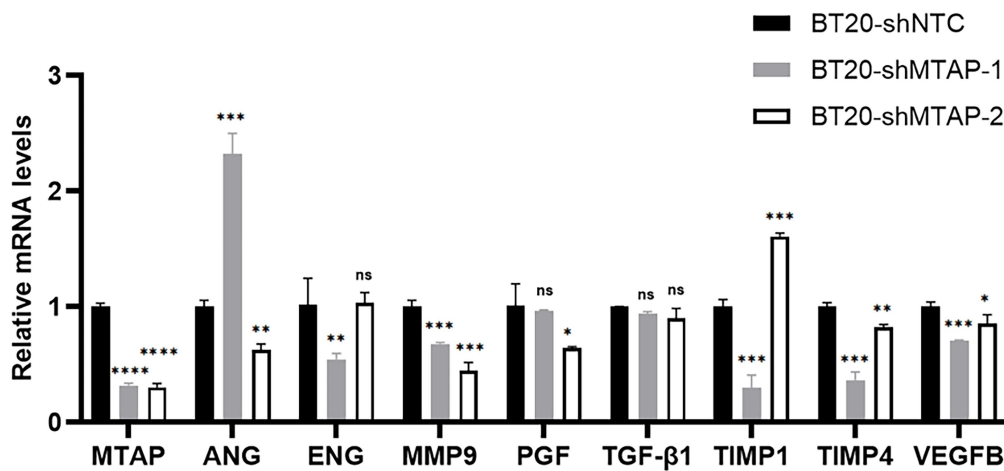


Figure S2. The expression of the 8 angiogenesis-associated genes was evaluated by qPCR in MTAP-transfected BT20 cells. ns, $P > 0.05$, * $P < 0.05$, ** $P < 0.01$, ***

$P < 0.001$, **** $P < 0.0001$, Student's t-test (above).

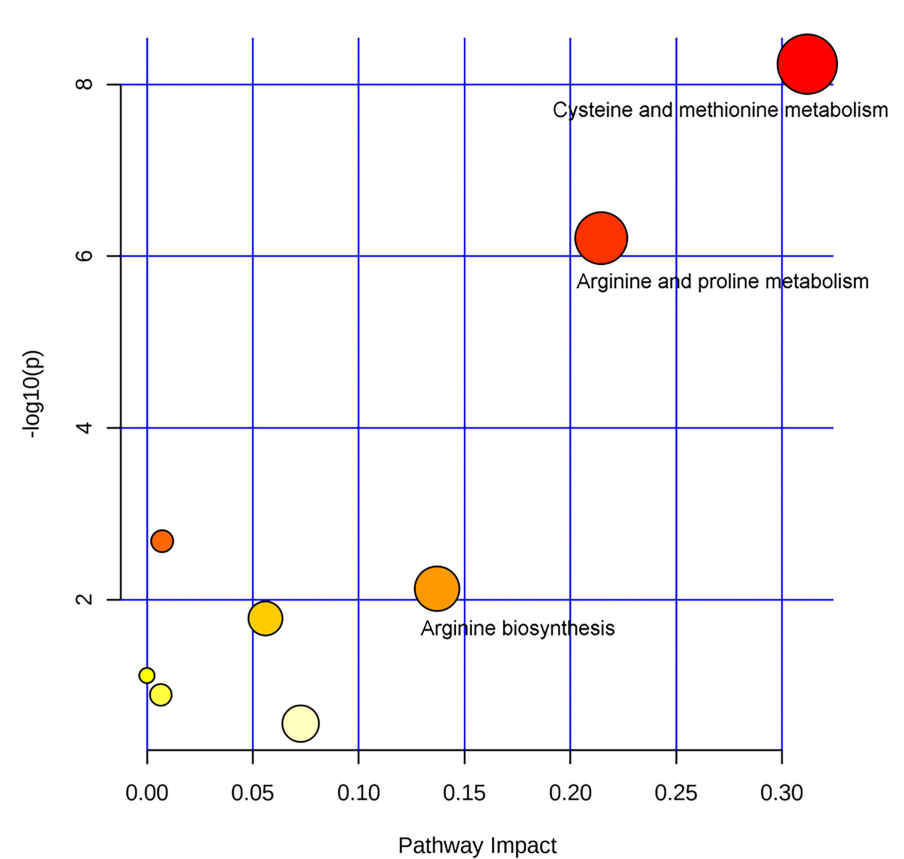


Figure S3. Summary of pathway analysis showing metabolic pathways arranged by scores from pathway enrichment and from topology analysis.