

**Supplementary Figure. KEGG : Metabolic pathways.**

A) Red line indicates the pathways associated with current metabolic signature.

B) Blue line indicates the pathways associated with metabolic signatures from the paper: Putluti, et.al; Cancer Res. 2011 Dec 15;71(24):7376-86 .

C) The green line indicates the pathways associated with gene signature from TCGA-BLCA.

D) Purple line indicates the common pathways from A & B. E) Brown line indicates the common pathways from A & C. E) Cyan indicates the common pathways from B & C. F) Black line indicates pathways common to all.