

Description of Additional Supplementary Files

Supplementary Data 1: List of differentially expressed genes from RNA-seq data in IRE1 α WT and three independent Myc-CaP KO clones that were cultured in vitro. The table also lists differentially expressed genes from Myc-CaP IRE1 α WT and KO tumors.

Supplementary Data 2: List of proteins identified in the proteomics analysis of IRE1 α WT and KO Myc-CaP tumors. Comparison of proteomics and RNA-seq data is also presented.

Supplementary Data 3: List of differentially expressed genes in the macrophages in IRE1 α WT and KO tumors deduced from scRNA-seq data.

Supplementary Data 4: List of qPCR primers used in the study.