

Supplementary Materials

Title: Silencing of Atp6v1c1 Prevents Breast Cancer Growth and Bone Metastasis

Author(s): Shengmei Feng, Guochun Zhu, Matthew McConnell, Lianfu Deng, Qiang Zhao, Mengrui Wu, Qi Zhou, Jinshen Wang, Jin Qi, Yi-Ping Li, and Wei Chen

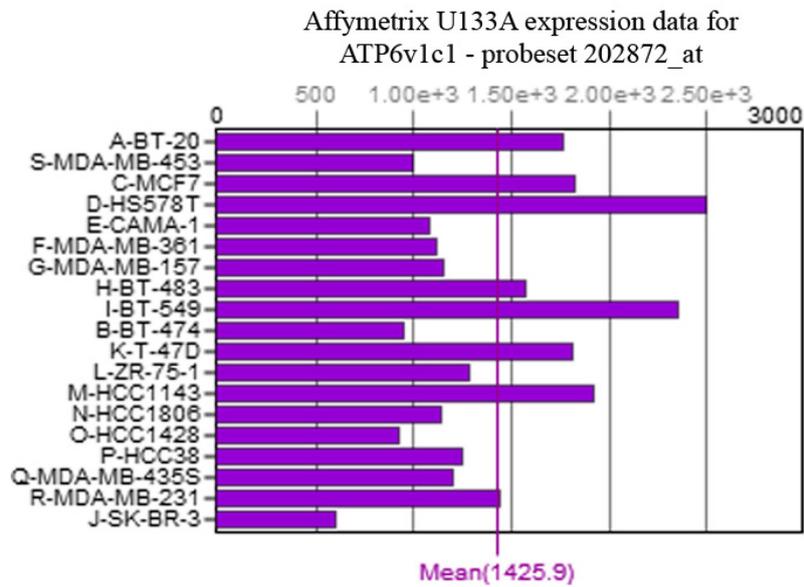


Figure S1. ATP6v1c1 is expressed at the mRNA level in various human breast cancers. mRNA expression levels for ATP6v1c1 as determined by Affymetrix U133A array data from biogps.org (14) across multiple human breast cancer cell lines (15).

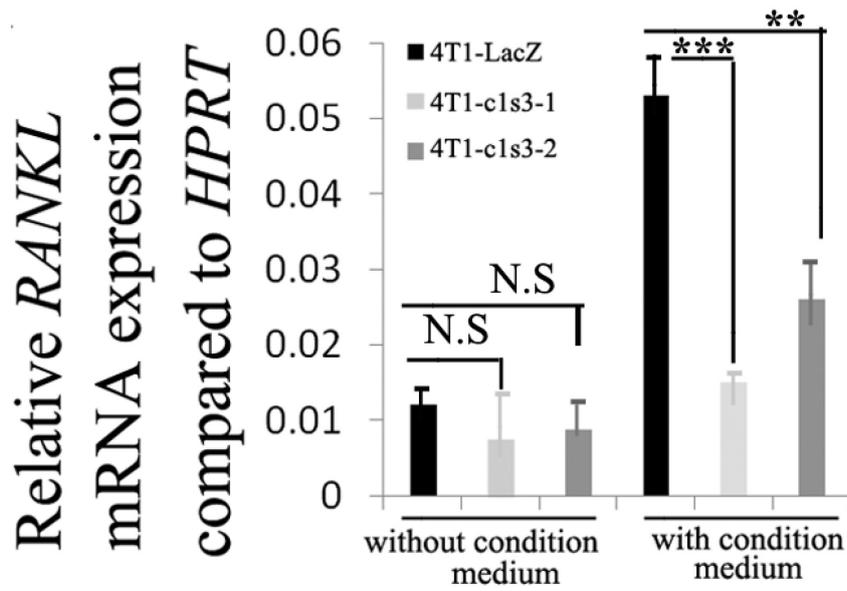


Figure S2. RANKL mRNA expression in 4T1 cells is induced by osteoclast treated media and abrogated by ATP6v1c1 knockdown. Expression levels for RANKL in 4T1 cells, ATP6v1c1-depleted and control-infected, in normal media conditions compared to those induced with 20% osteoclast conditioned media. Bars represent average of $n=3$ samples with error bars representing standard error of measurement, *, $P < 0.05$; **, $P < 0.01$; ***, $P < 0.005$.