

Supplementary Materials:

α O-Conotoxin GeXIVA Inhibits the Growth of Breast Cancer Cells via Interaction with α 9 Nicotine Acetylcholine Receptors

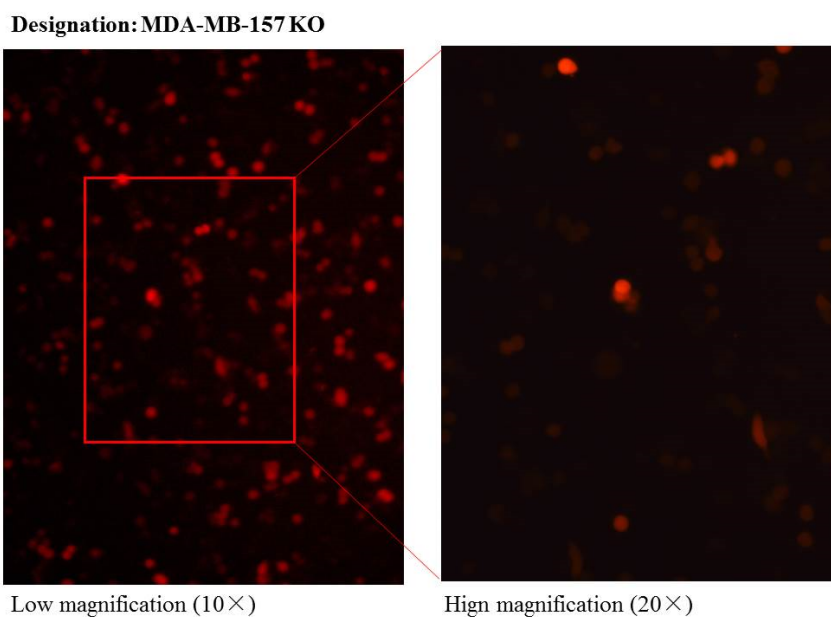


Figure S1. The α 9-nAChR CRISPR/Cas9 KO plasmid and HDR plasmid co-transfected into MDA-MB-157 cell line confirmed by detection of the red fluorescent protein (RFP) via fluorescent microscopy.

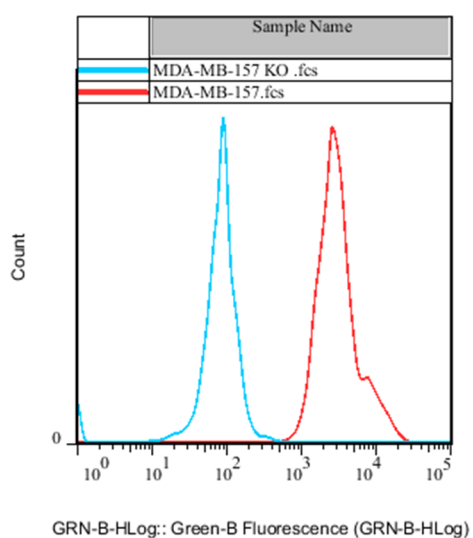


Figure S2. Representative histograms of cell distribution according to intensity of FITC-labeled antibody against the α 9-nAChR for untreated cells (left) and cells with the knocked out α 9-nAChR expression by CRISPR/Cas9 (right).