Mycoplasma contamination-mediated attenuation of plasmid DNA transfection efficiency is augmented via L-arginine deprivation in HEK-293 cells

Zi-fei YIN 1 , Ya-ni ZHANG 1 , Shu-fang LIANG 1 , Sha-sha ZHAO 1,2 , Juan DU 1 , Bin-bin CHENG $^{\dagger \ddag 1}$ Department of Traditional Chinese Medicine, Changhai Hospital, Second Military Medical University, Shanghai 200433, China 2 Graduate School of Shanghai University of Traditional Chinese Medicine, Shanghai 201203, China $^{\ddag}$ Corresponding author, $^{\dag}$ E-mail: cbb8202@smmu.edu.cn

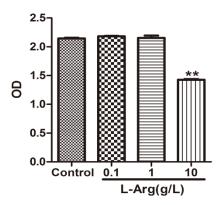


Fig. S1 Cytotoxicity of L-arginine in HEK-293 cells

Mycoplasma-contaminated HEK-293 cells (5×10^4 /well) were seeded in 96-well plate and treated with L-arginine at the indicated dosage. Seventy-two hours later, cell viability was measured by MTT assay