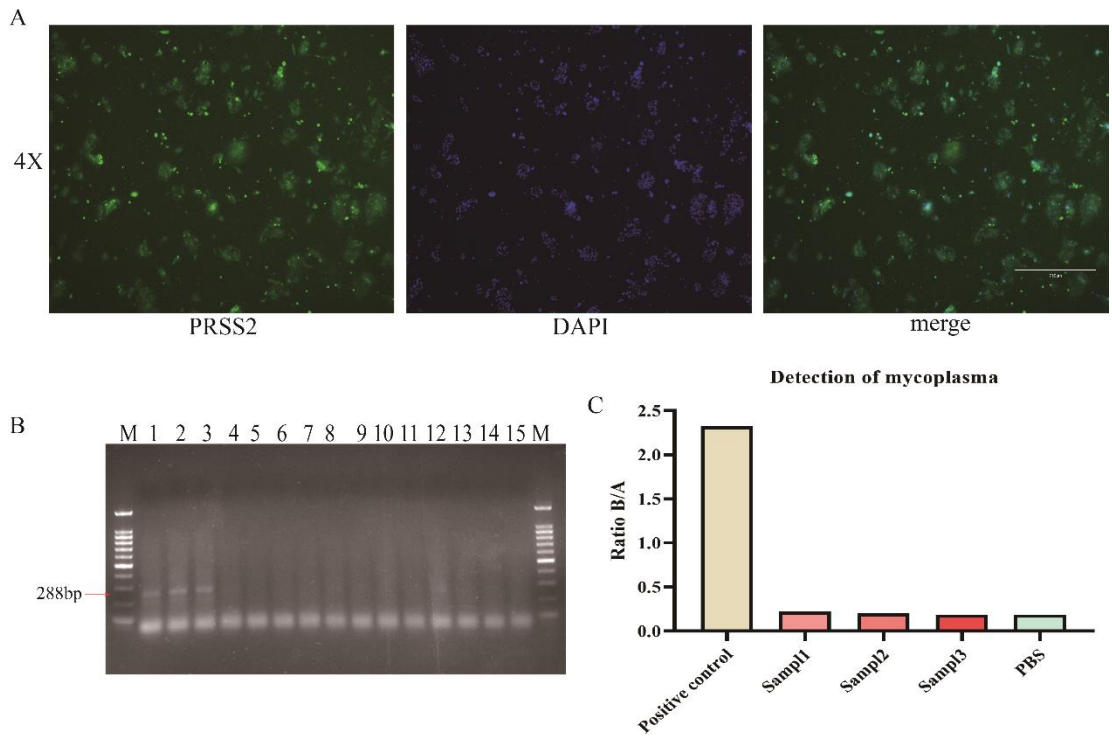


Figure S1: Detection of primary mouse pancreatic acinar cells. (A) Primary mouse pancreatic acinar cells were validated for their identity by pancreatic acinar cell marker analysis using IF (PRSS2, CYRM32592, Changyi biological). Scale bar: 125 μm. (B) Detection of mycoplasma in primary mouse pancreatic acinar cells via PCR assay, M: 100bp DNA Ladder (MD109, TIANGEN); Lanes 1-3: positive control; Lanes 4-12: samples; Lanes 13-15: negative control (sterilized ddH_2O). (C) Detection of mycoplasma in primary mouse pancreatic acinar cells via mycoplasma detection kit (C0297FT, Beyotime), B/A ratio greater than 1.2 indicates mycoplasma contamination, while a ratio less than 0.9 indicates the absence of mycoplasma contamination.

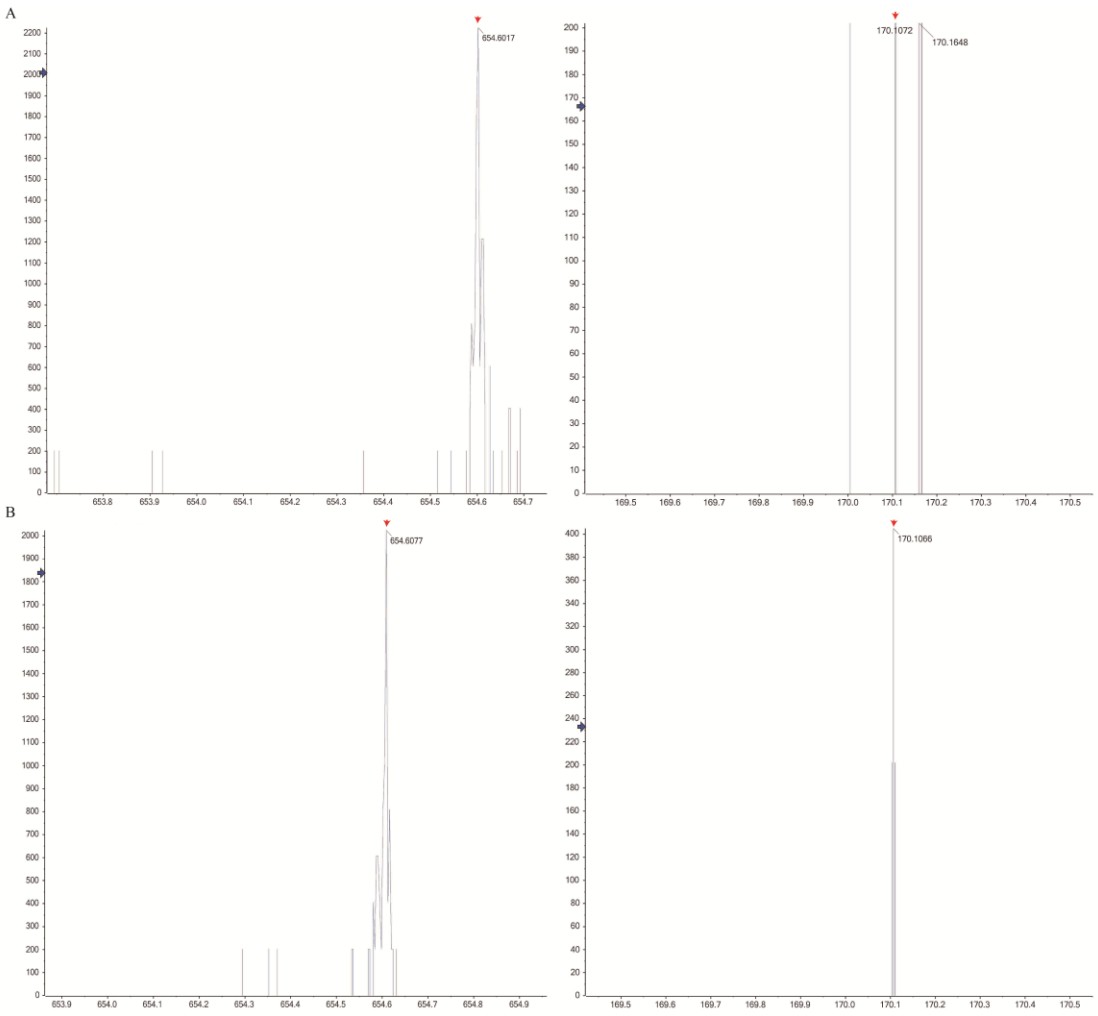


Figure S2: The LC-MS fragmentation spectrum of N1-acetylspermidine from TLC plate. (A) LC-MS fragmentation spectrum of the standard (A) or sample (B), the quasi-molecular ion peak M +H^+ (red arrow) was shown on the left, the dansyl characteristic fragment ion peak (red arrow) was shown on the right.