

e

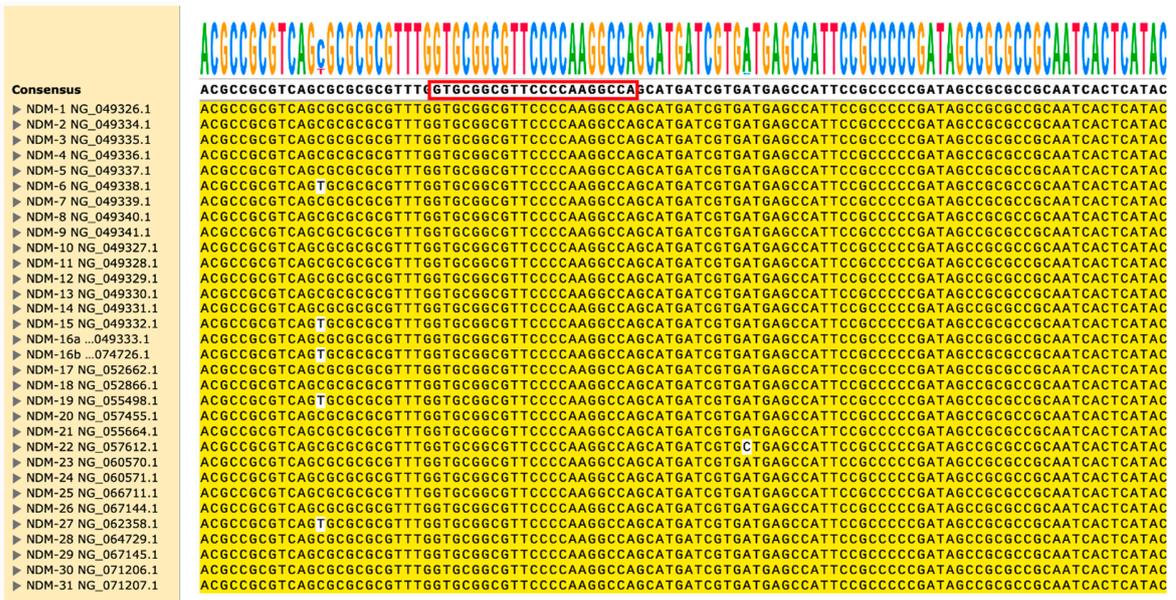


Figure S1. Alignments of blNDM variants and identification of the binding sites for our guide ribonucleic acid (gRNA) variants. All 32 blNDM variants (i.e., blNDM-1 to blNDM-15, blNDM-16a, blNDM-16b, and blNDM-17 to blNDM-31) were aligned, and the gRNA binding sites are marked with red boxes for gRNA 1 through gRNA 5 in panels (a)-(e), respectively. All alignment results were obtained via Snapgene, and other gene information was from the NCBI database.

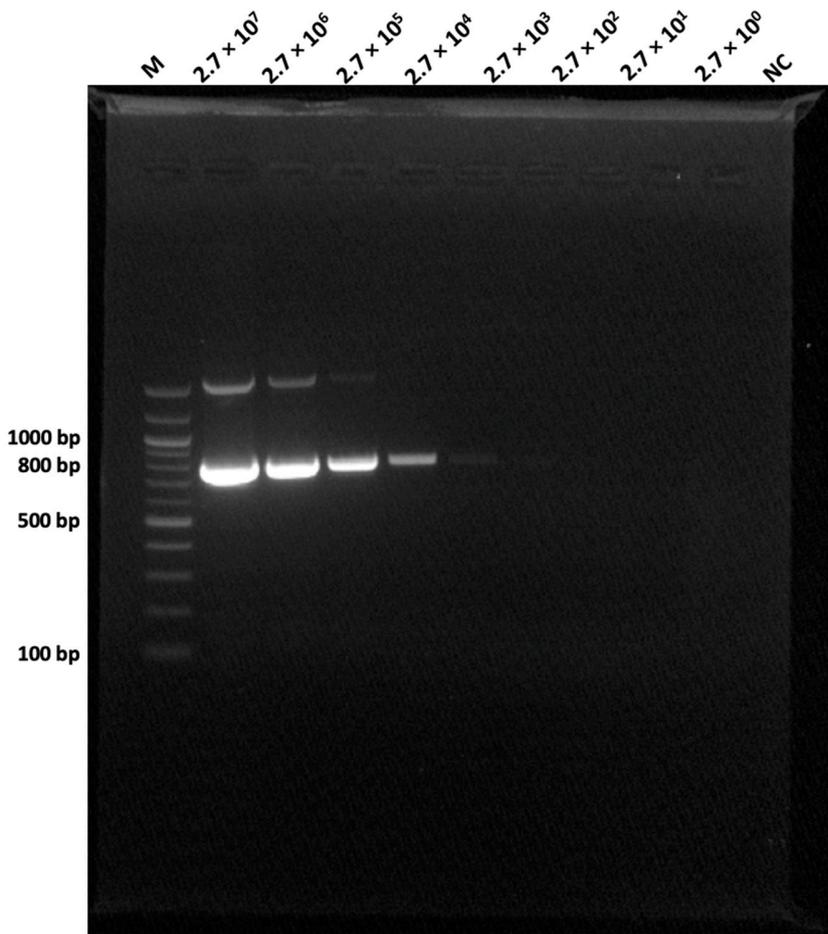


Figure S2. Original gel-electrophoresis image of amplified *blan_{DM}*-targeted gene. Lane M: 100 bp ladder; Lanes 1-9: ATCC BAA 2471 2.7×10^7 to 2.7×10^0 CFU/mL, NC. In this case, NC refers to replacing bacterial-genome extract with nuclease-free water