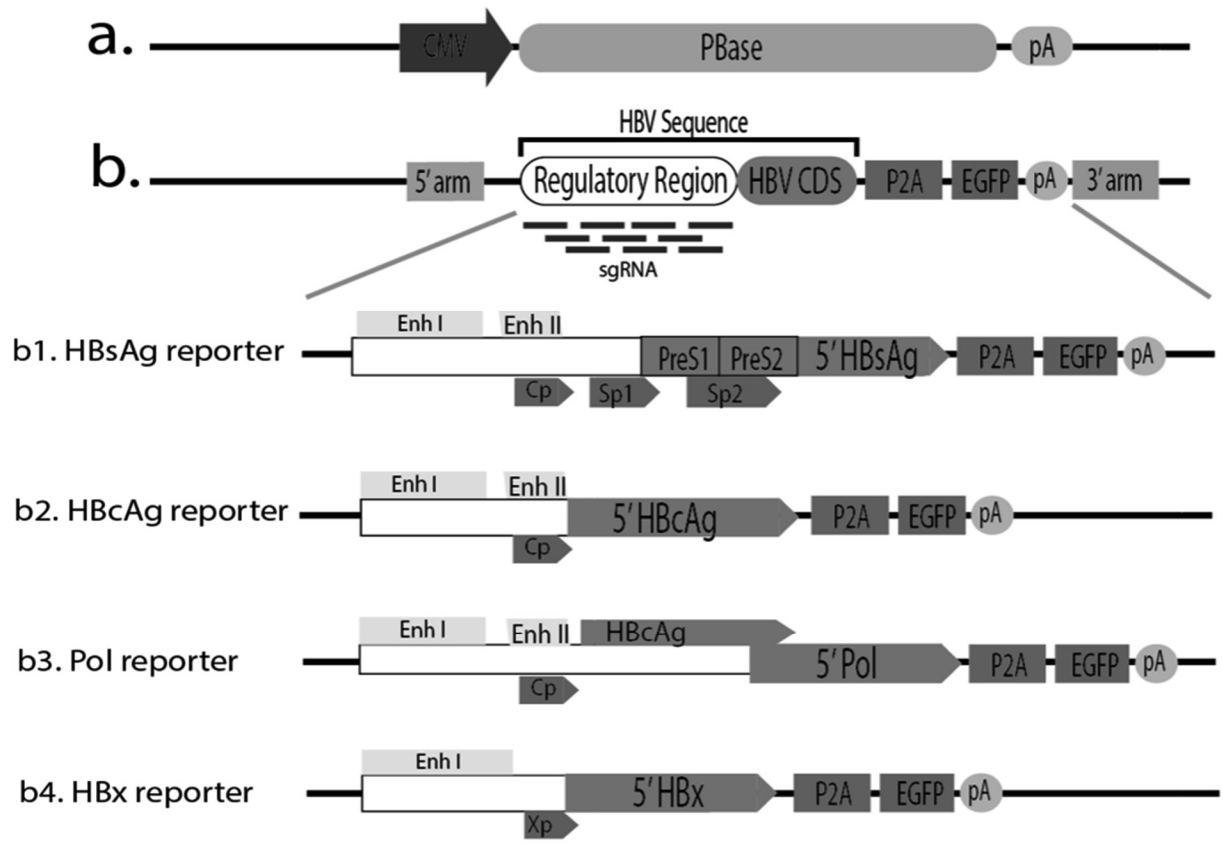
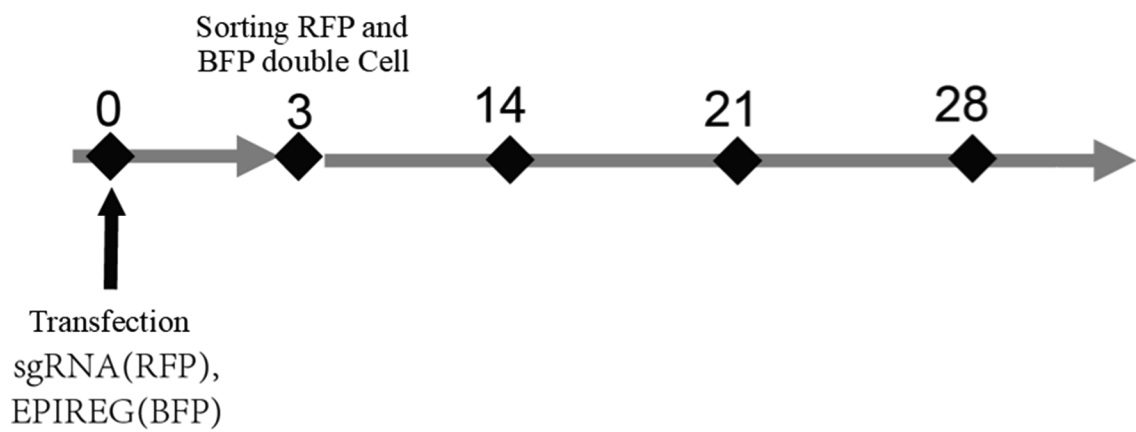
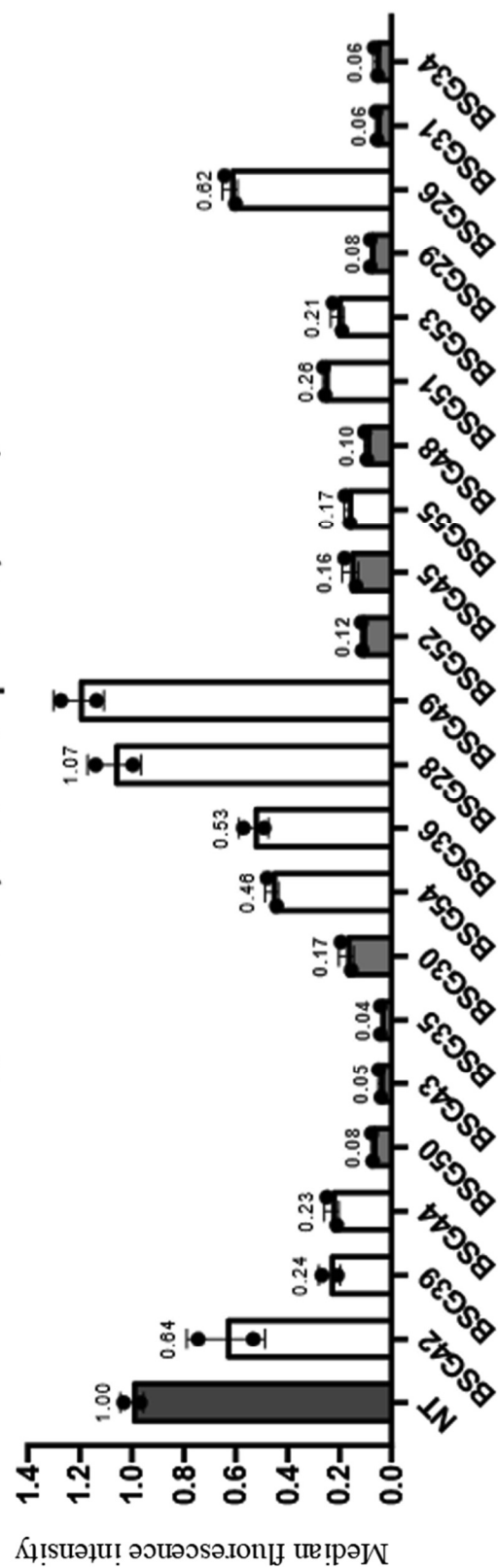


**FIG. 1A****sgRNA Screening scheme****FIG. 1B**

Type B HBV, HBx reporter, 14 days after transfection



Type B HBV, HBx reporter, 14 days after transfection

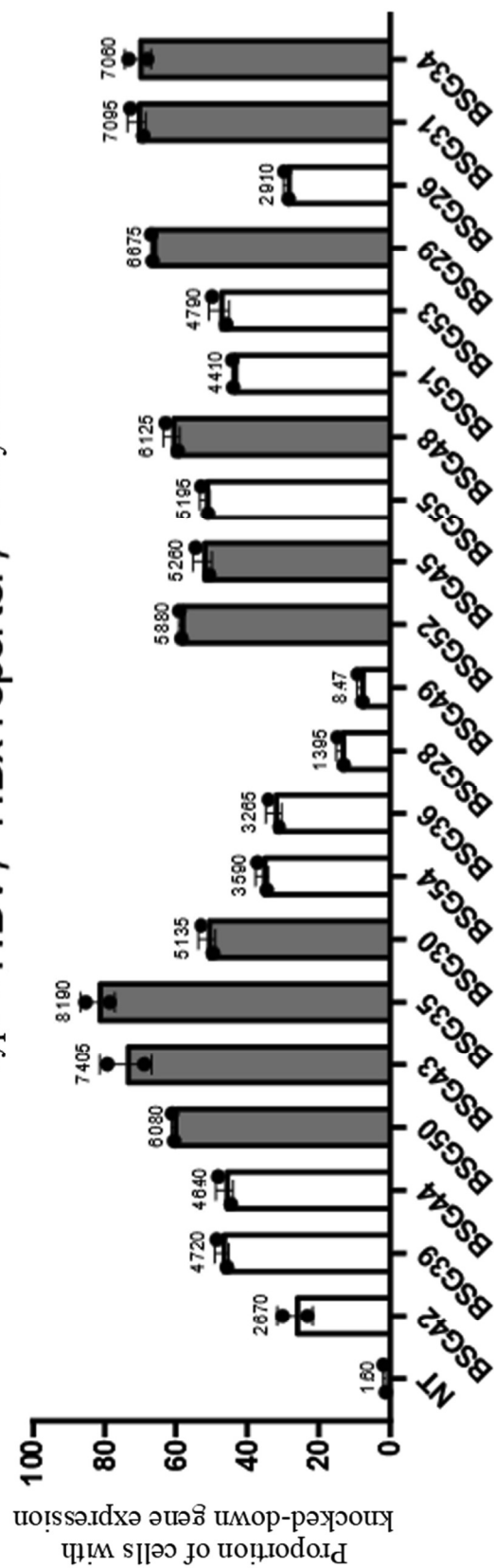


FIG. 2A

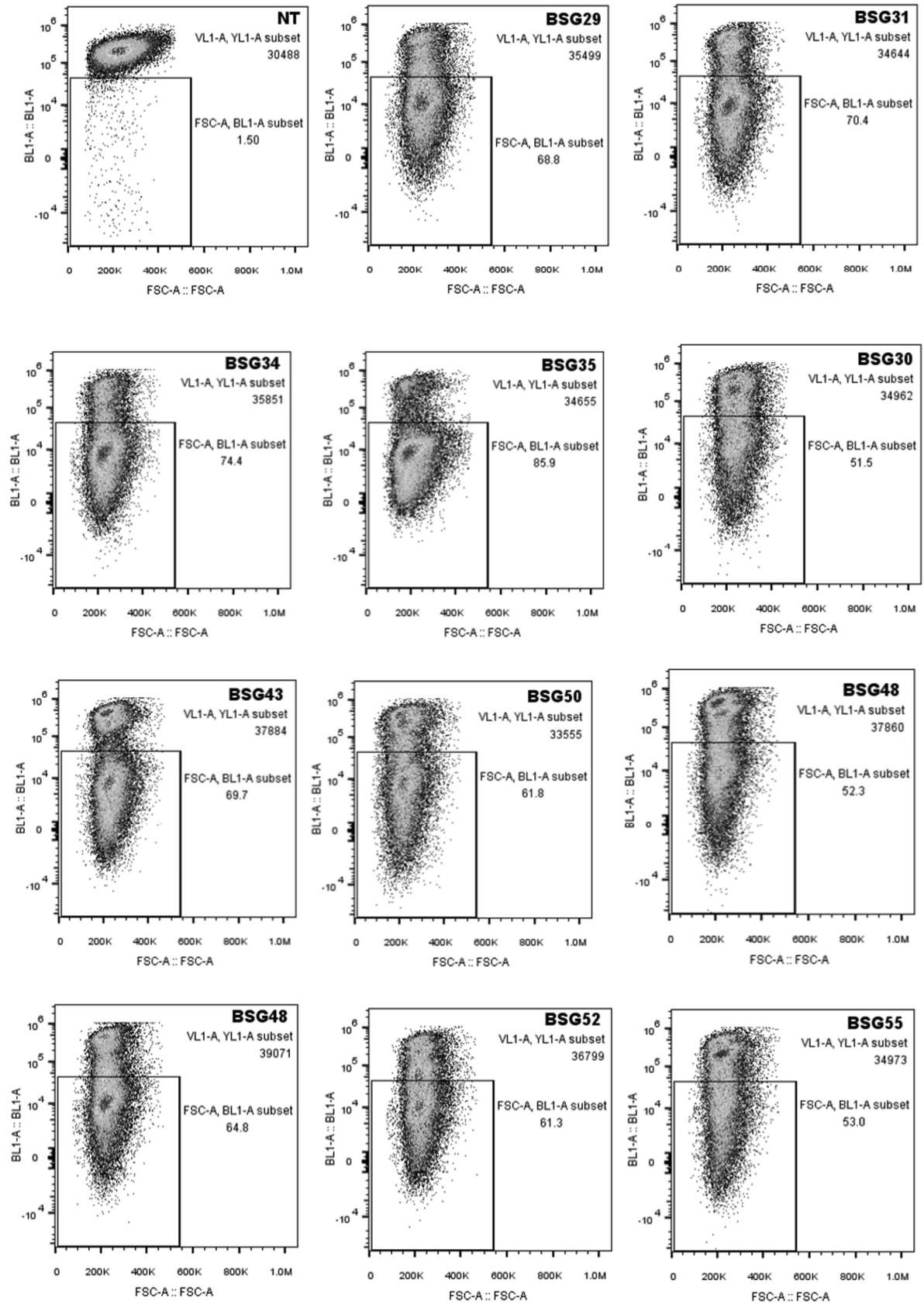
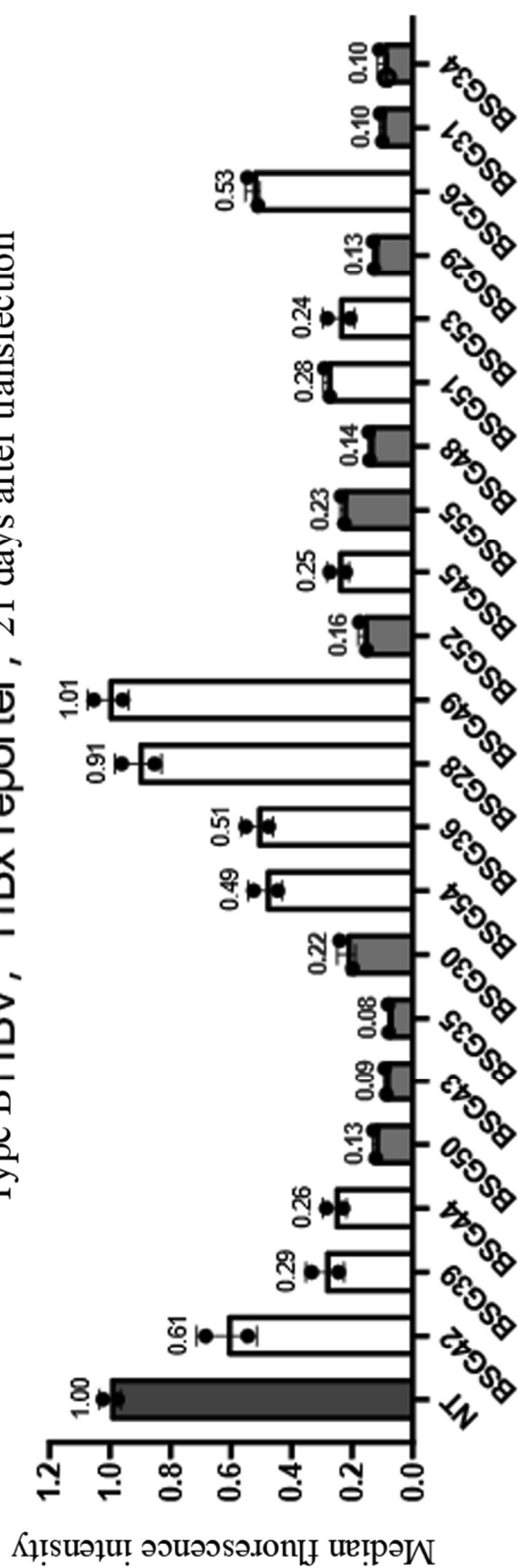


FIG. 2B

Type B HBV, HBx reporter, 21 days after transfection



Type B HBV, HBx reporter, 21 days after transfection

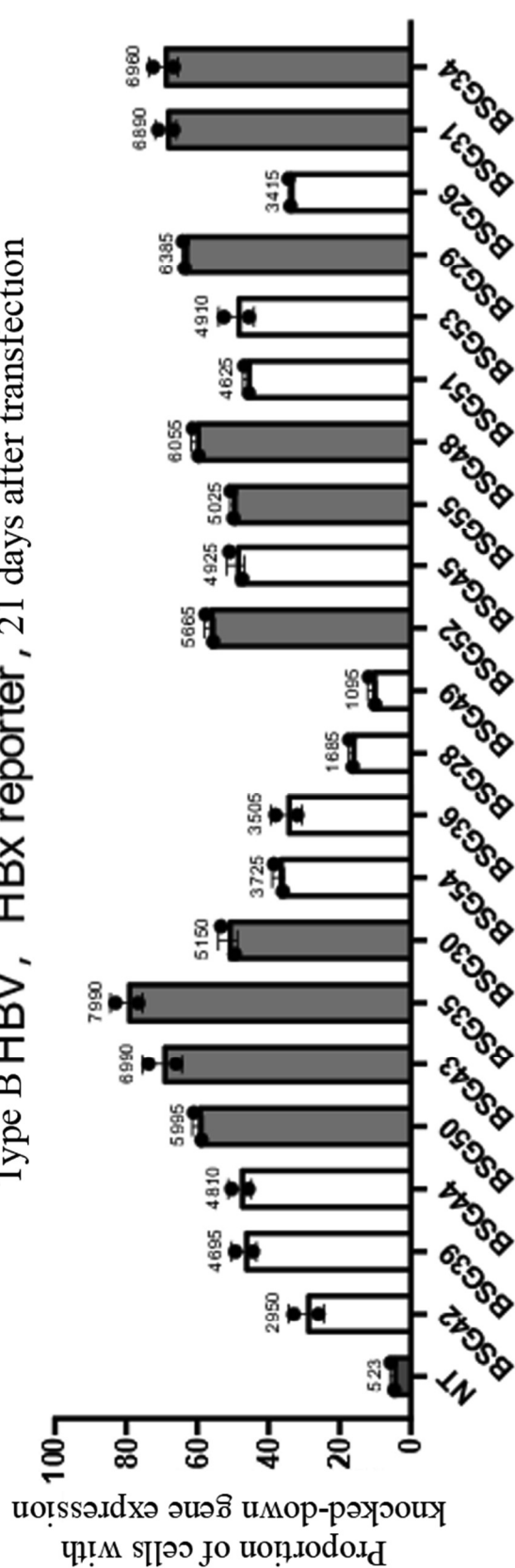


FIG. 2C

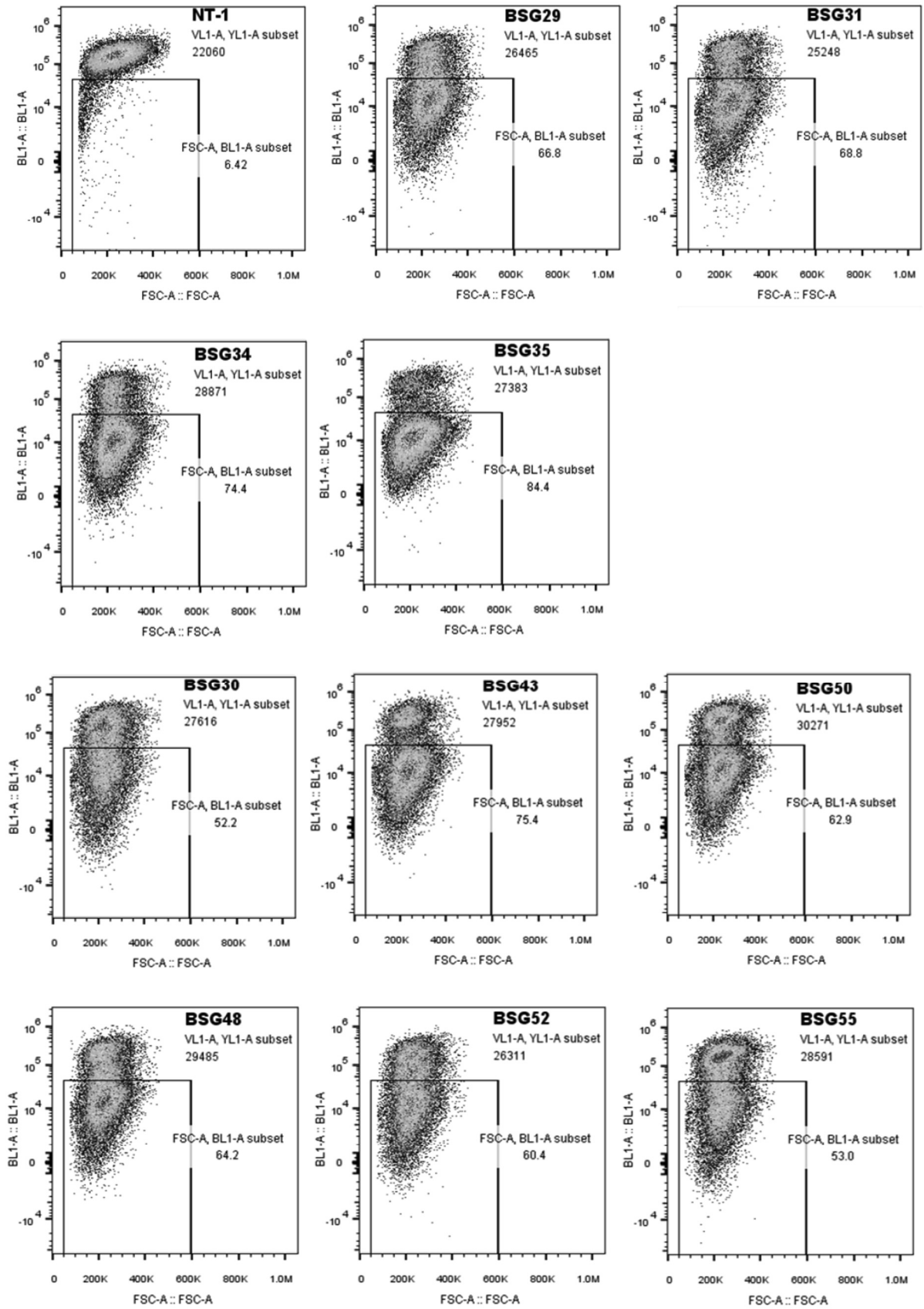
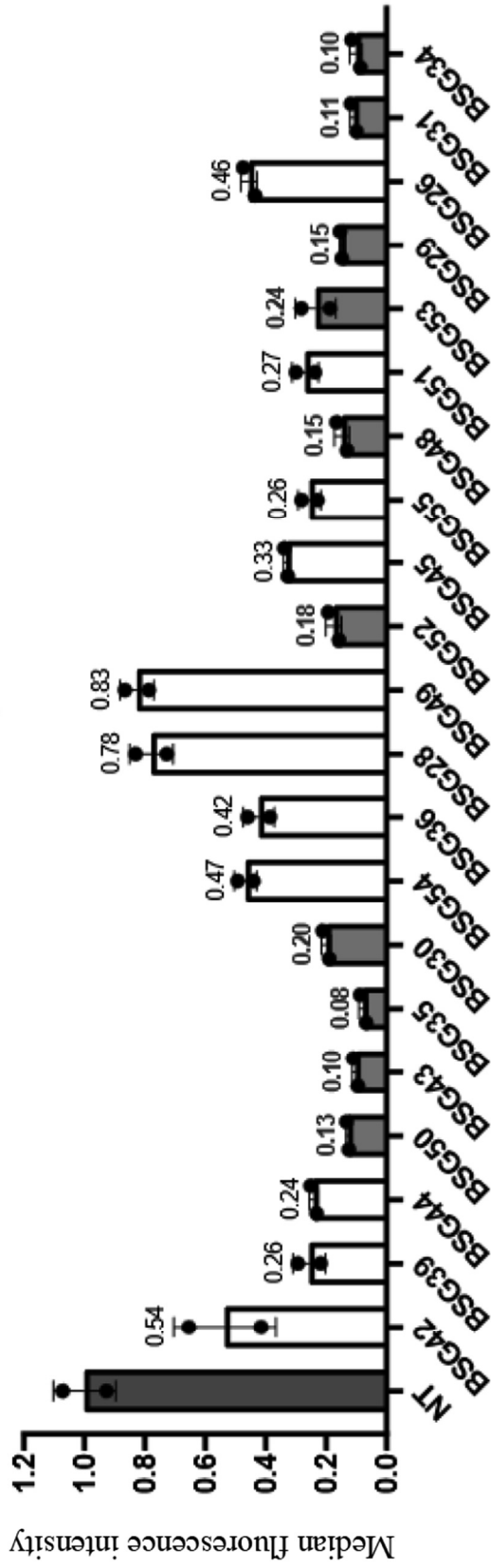


FIG. 2D

Type B HBV, HBx reporter, 28 days after transfection



Type B HBV, HBx reporter, 28 days after transfection

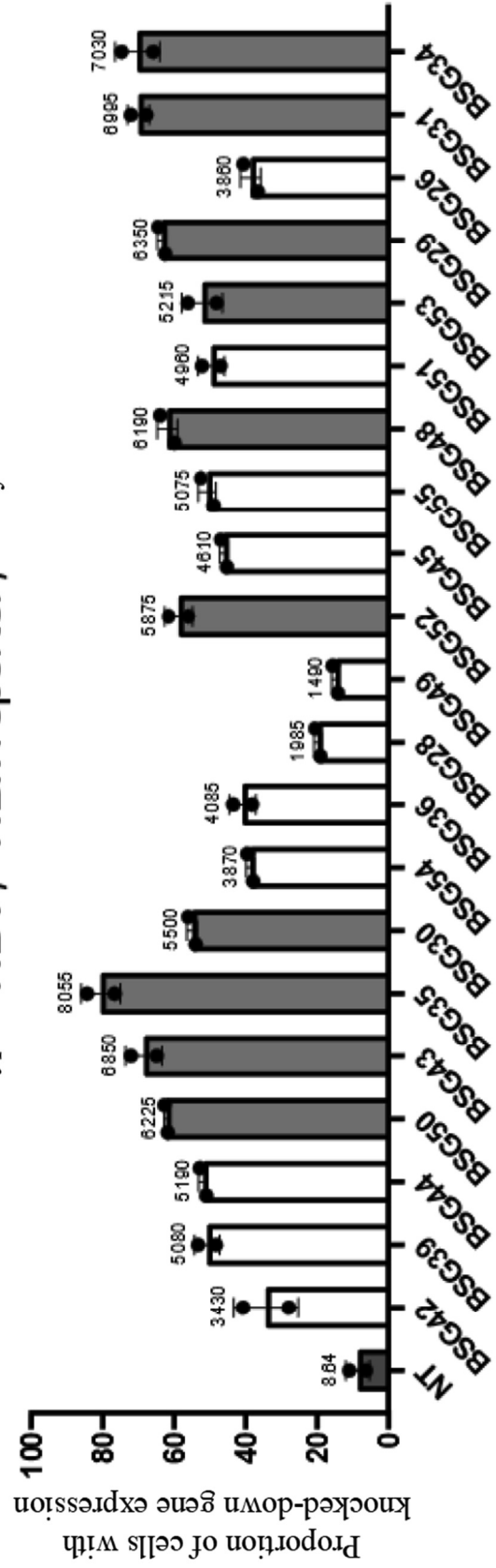


FIG. 2E

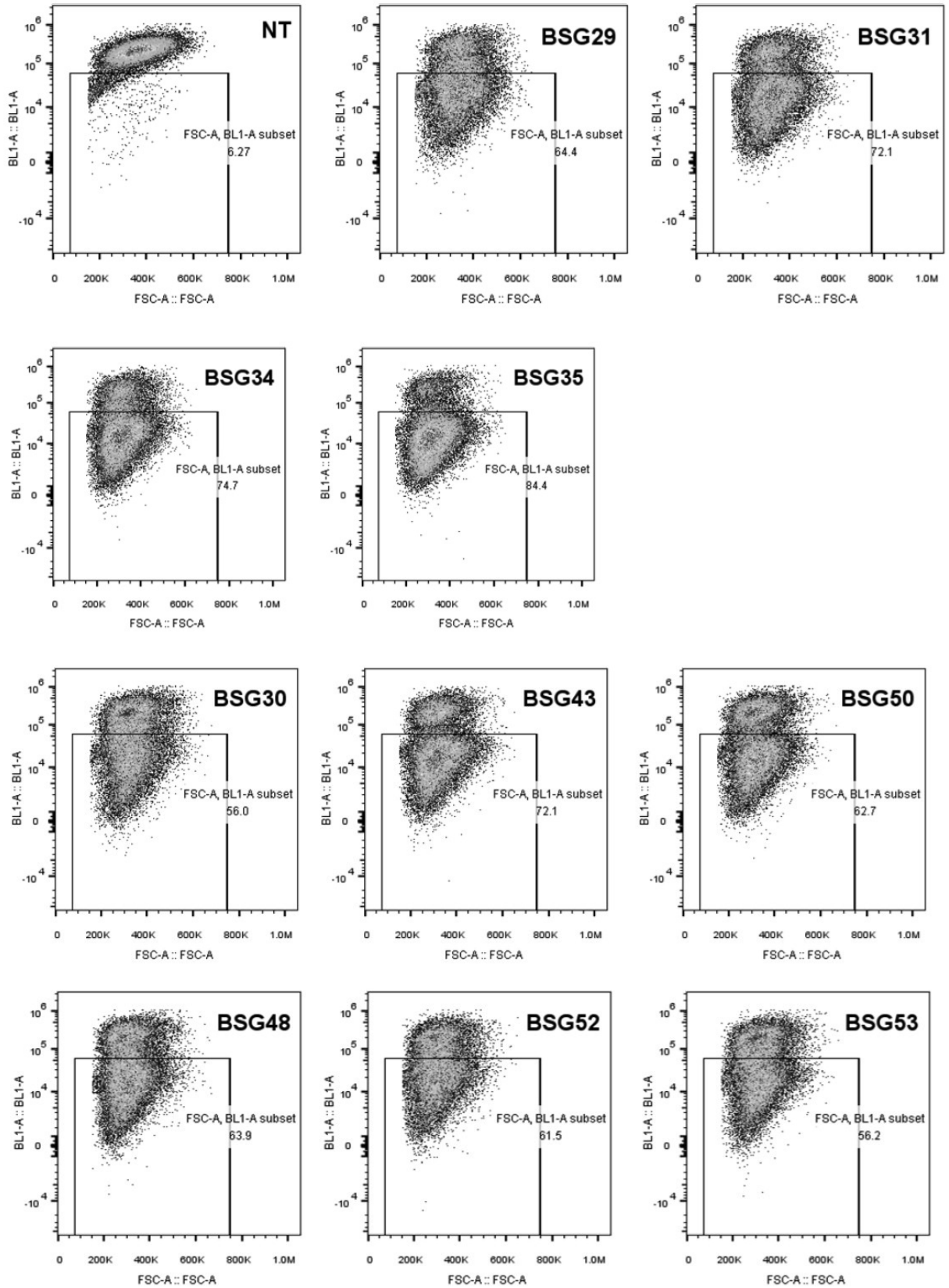


FIG. 2F

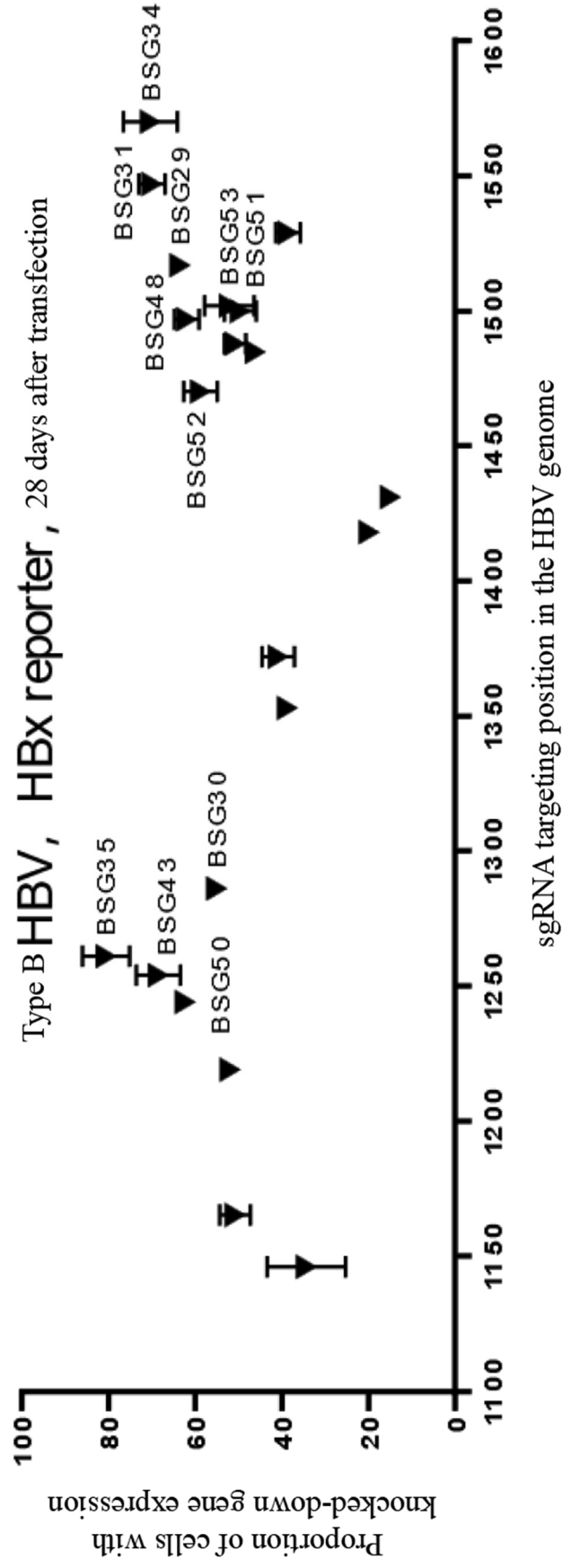
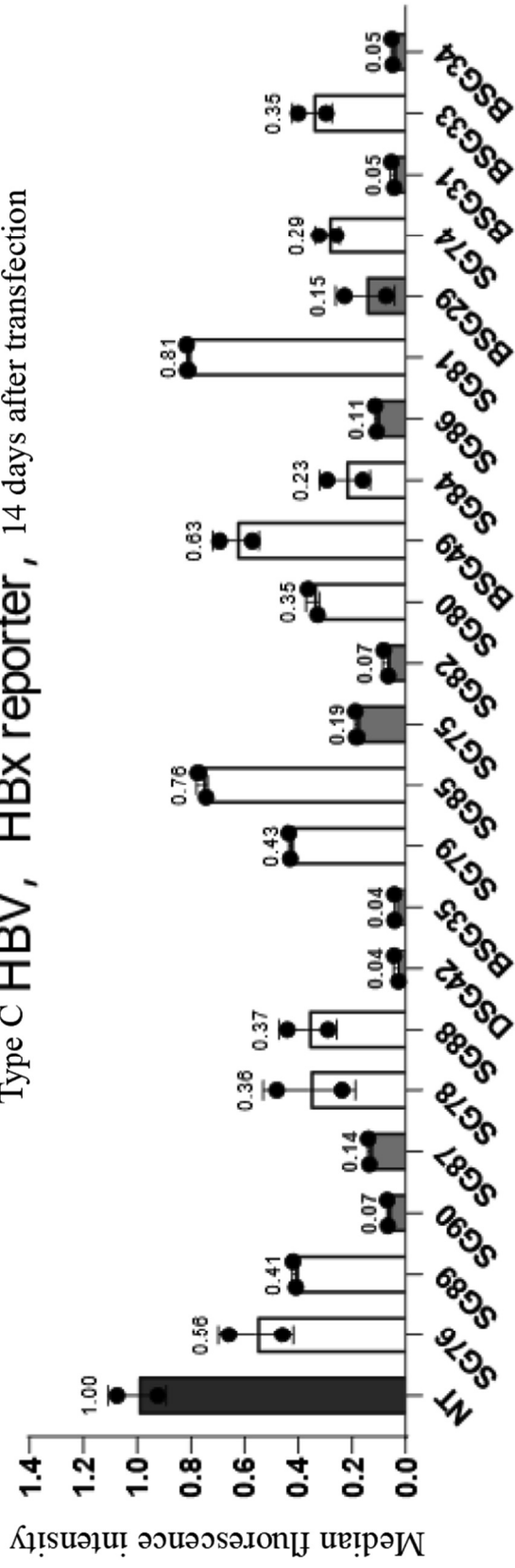


FIG. 2G

Type C HBV, HBx reporter, 14 days after transfection



Type C HBV, HBx reporter, 14 days after transfection

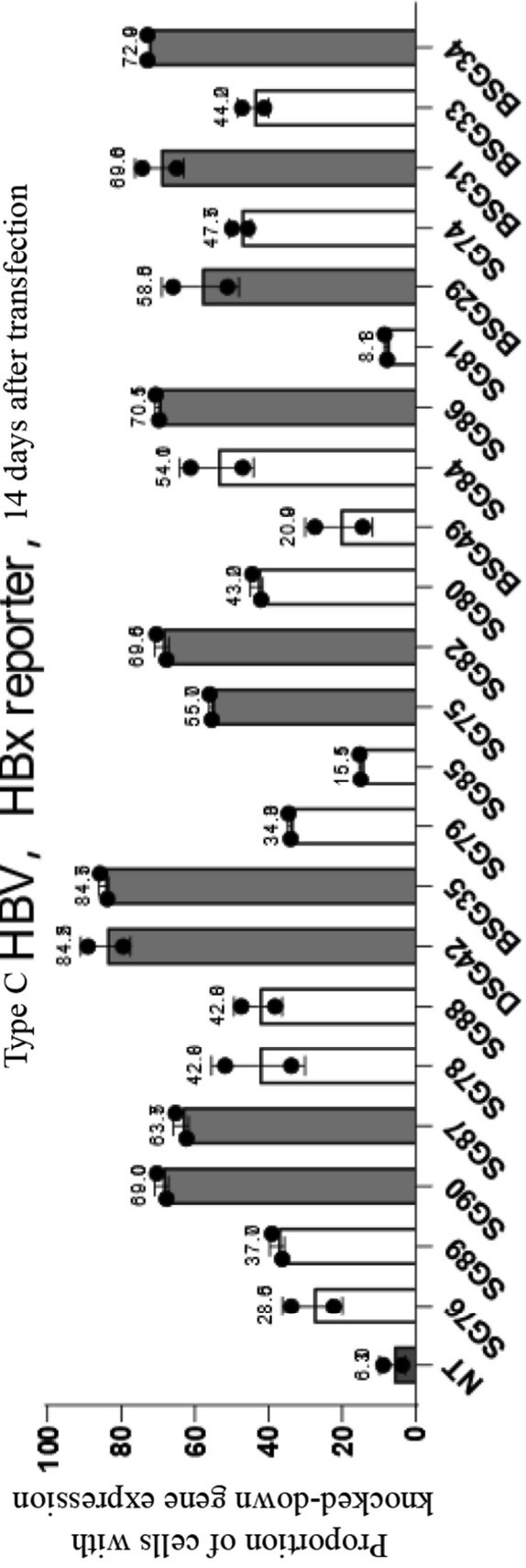
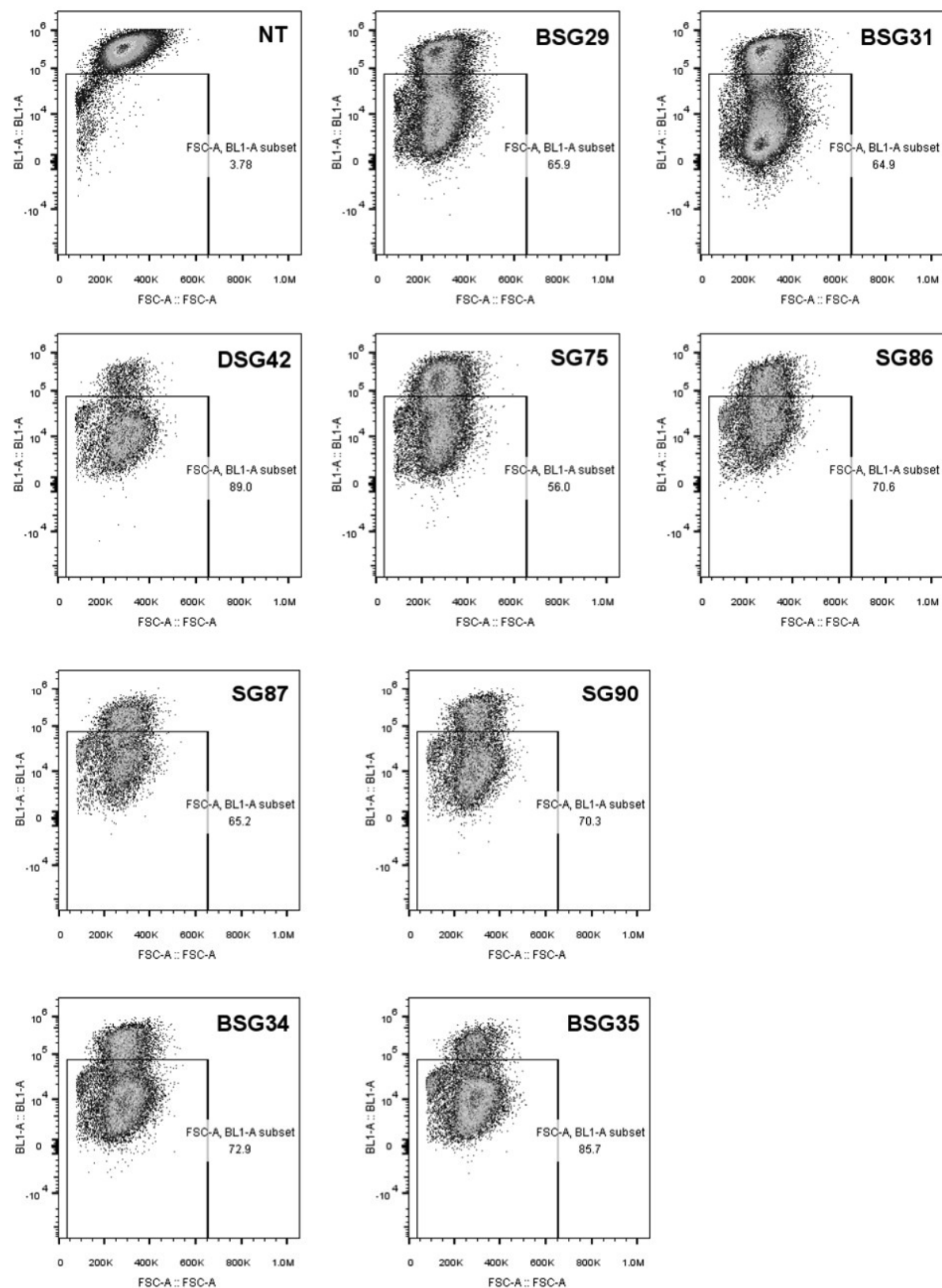


FIG. 3A

**FIG. 3B**

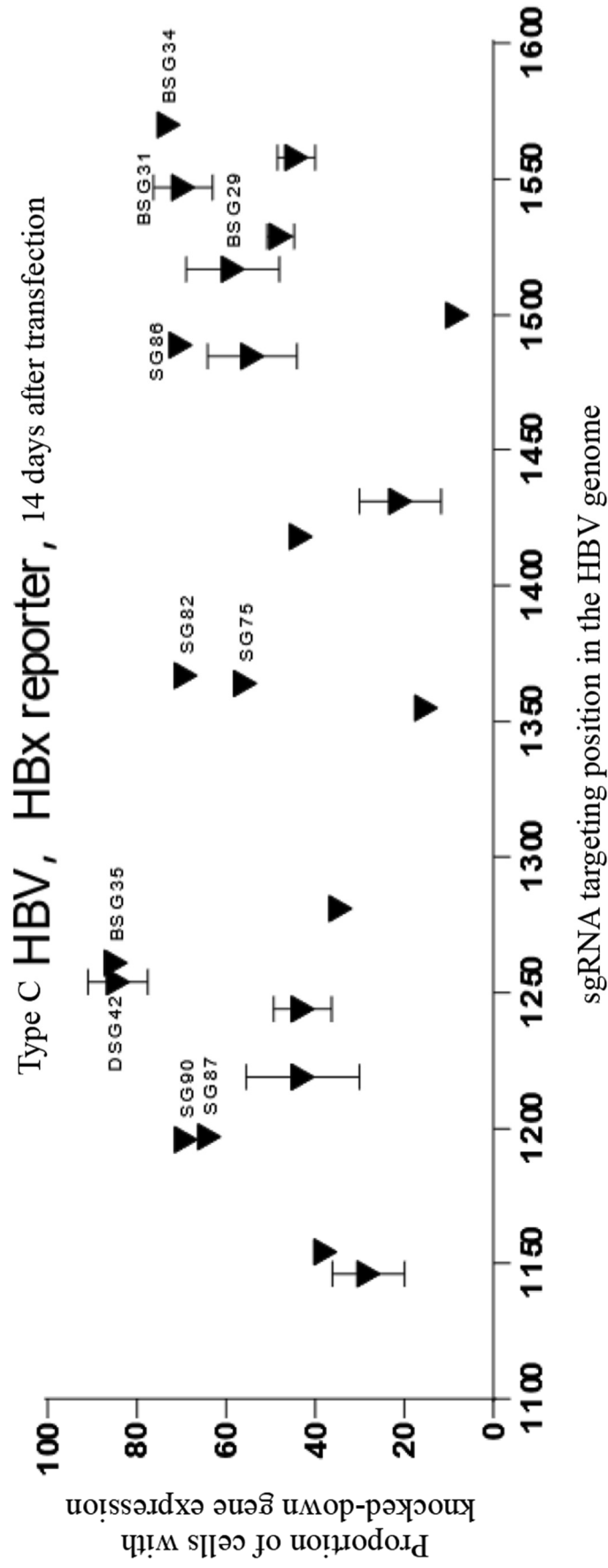
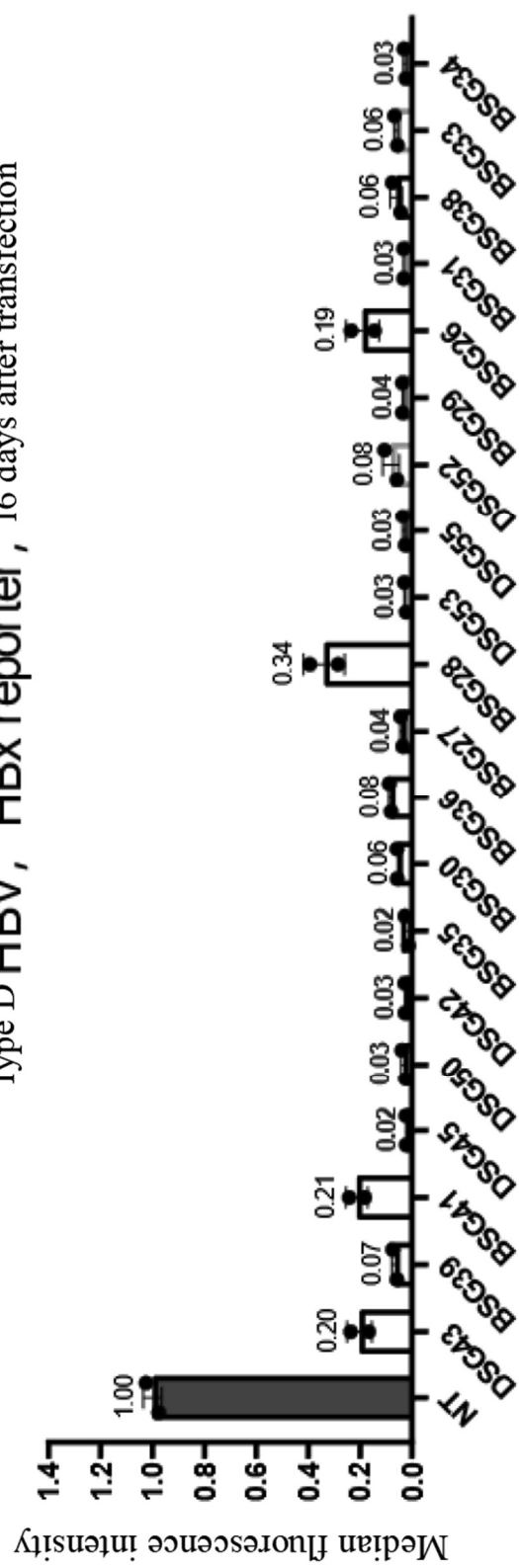


FIG. 3C

Type D HBV, HBx reporter, 16 days after transfection



Type D HBV, HBx reporter, 16 days after transfection

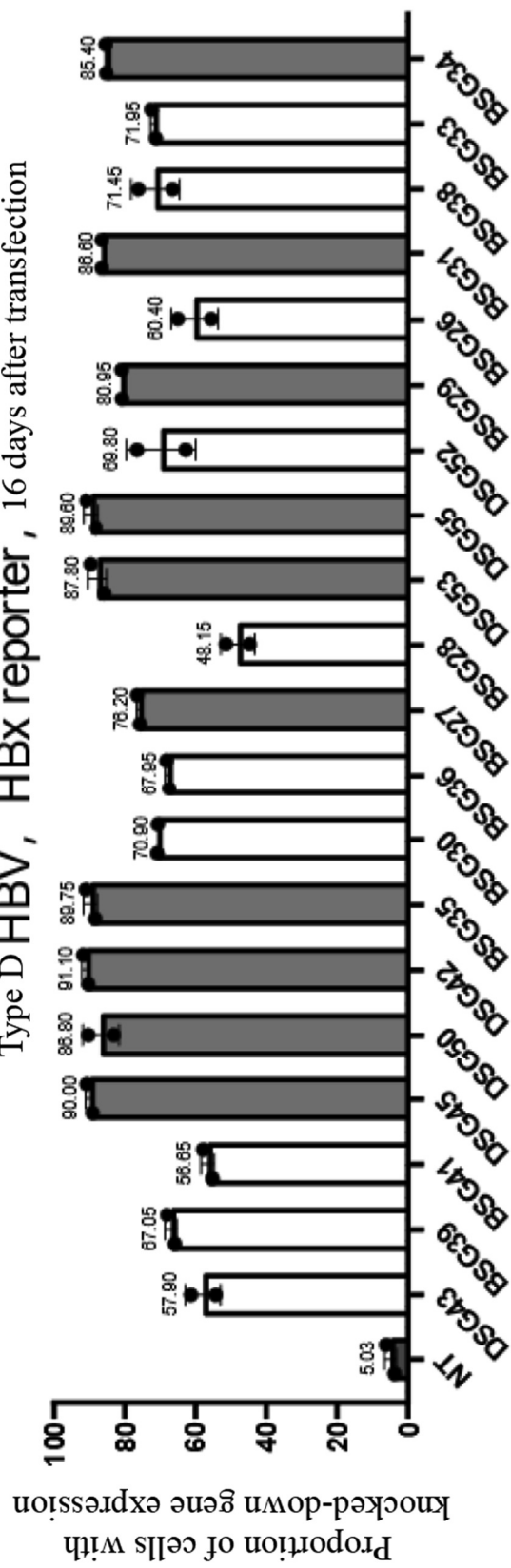
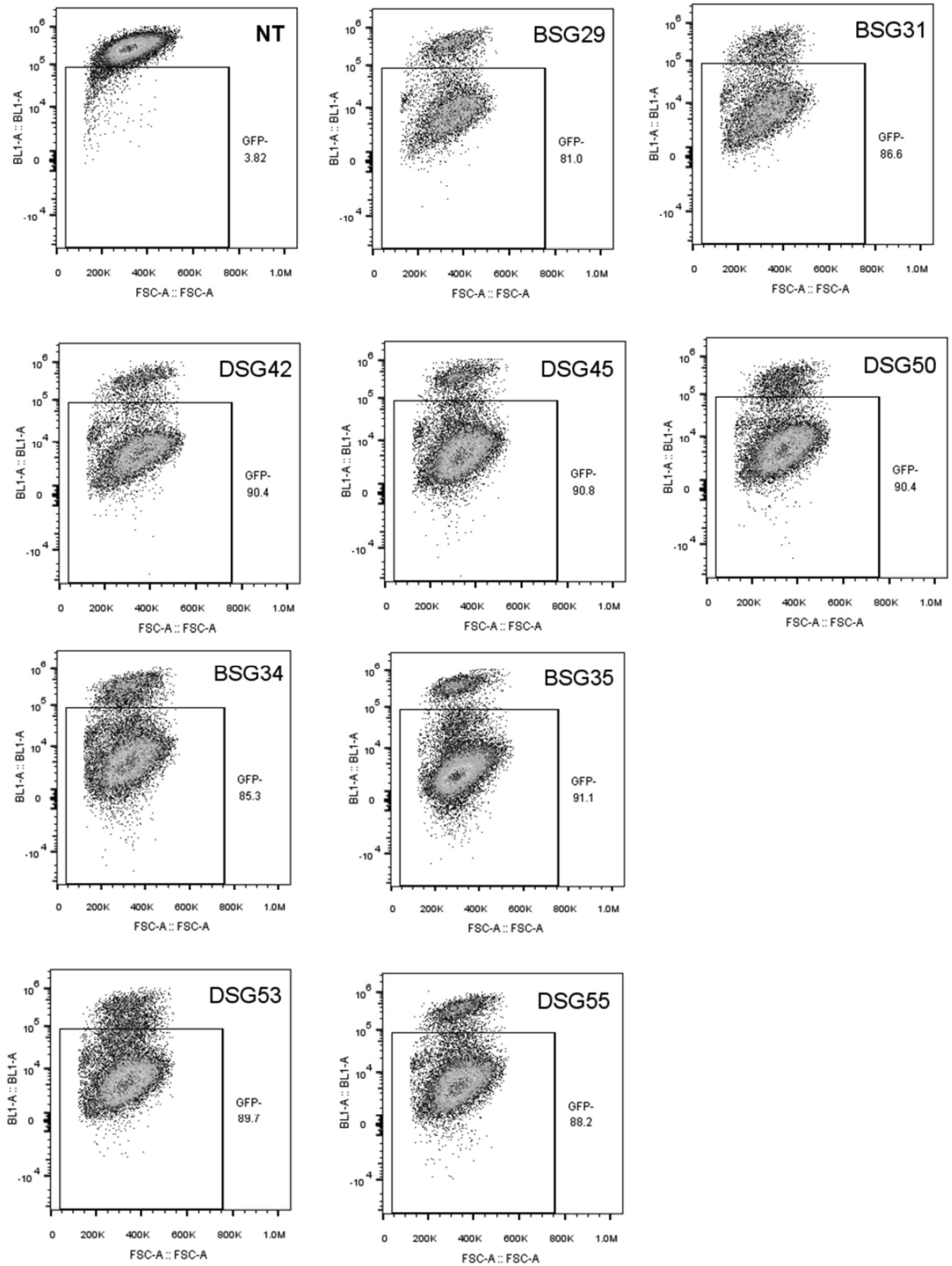
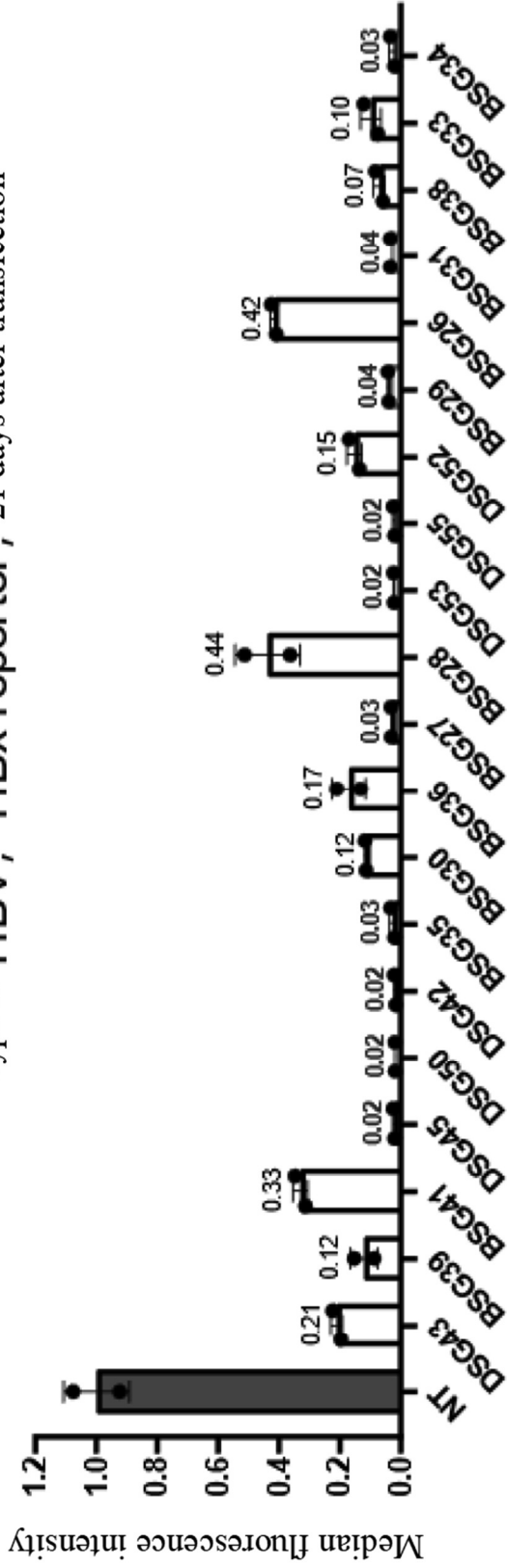


FIG. 4A

**FIG. 4B**

Type D HBV, HBx reporter, 21 days after transfection



Type D HBV, HBx reporter, 21 days after transfection

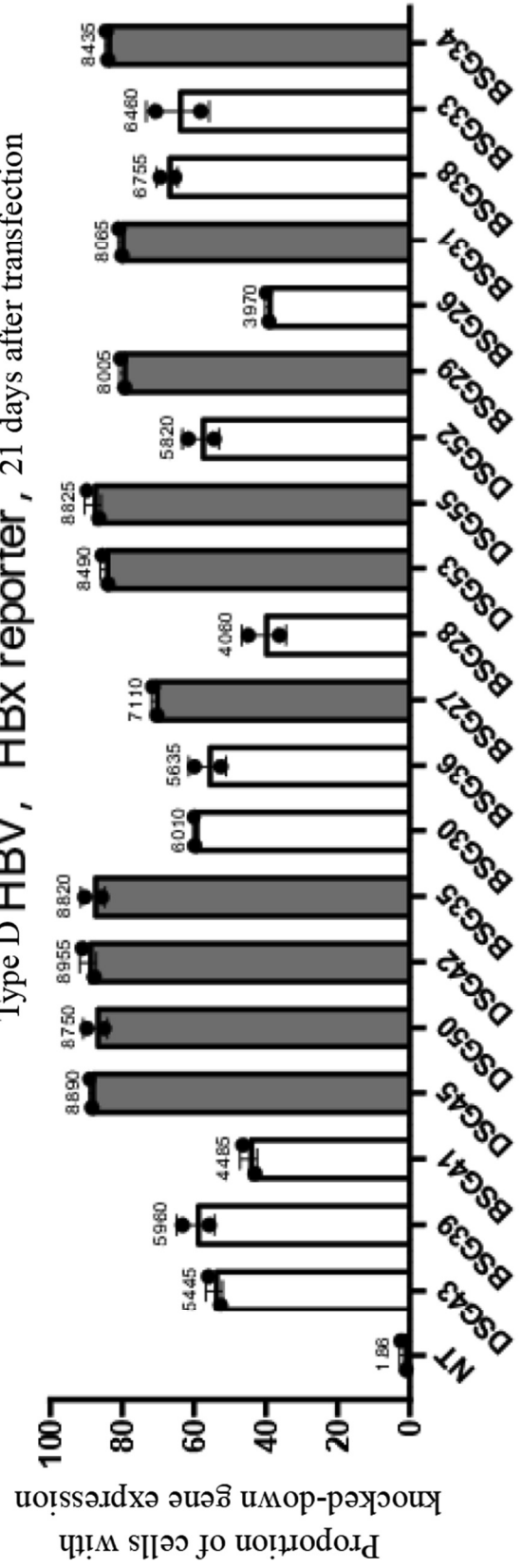
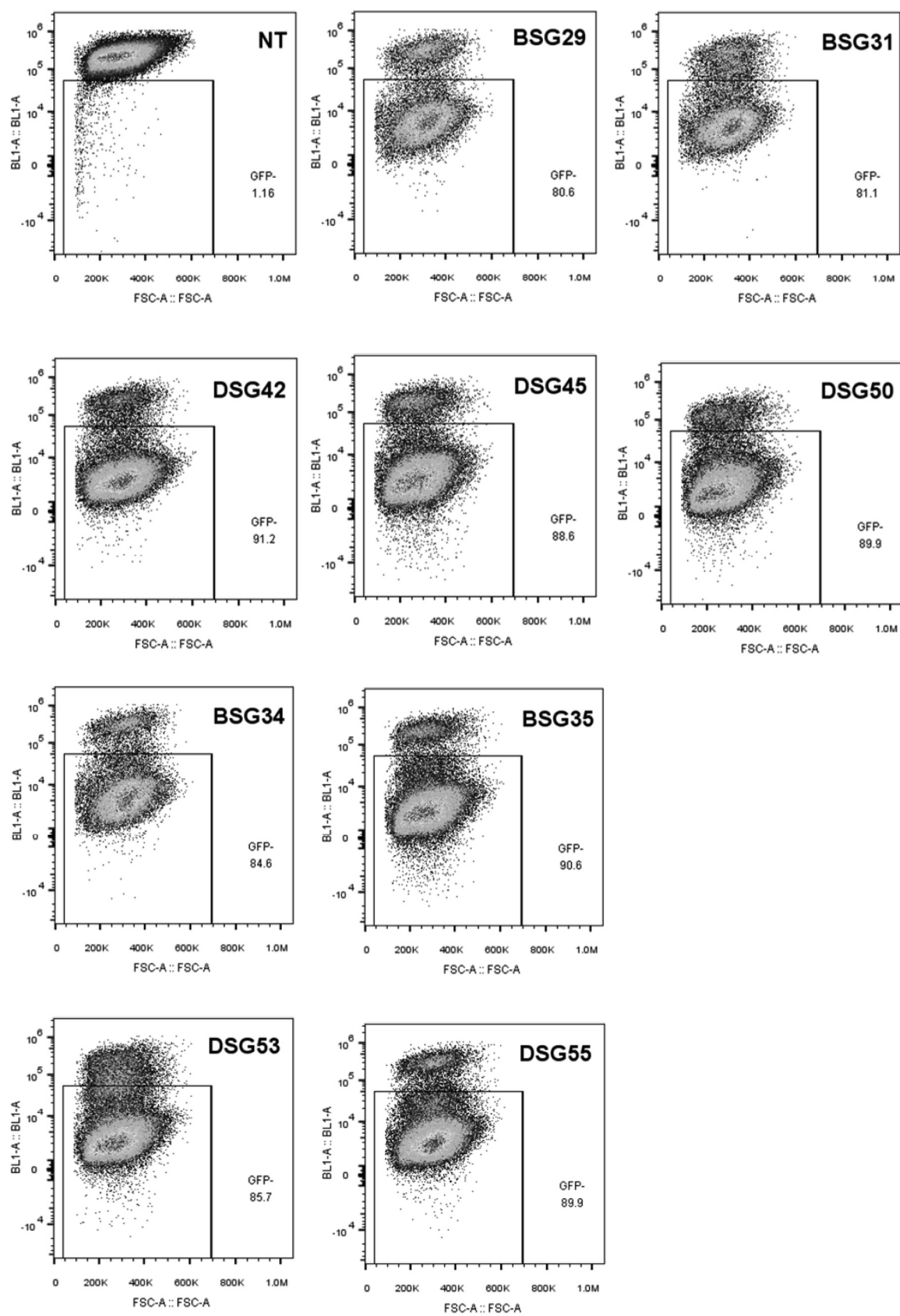
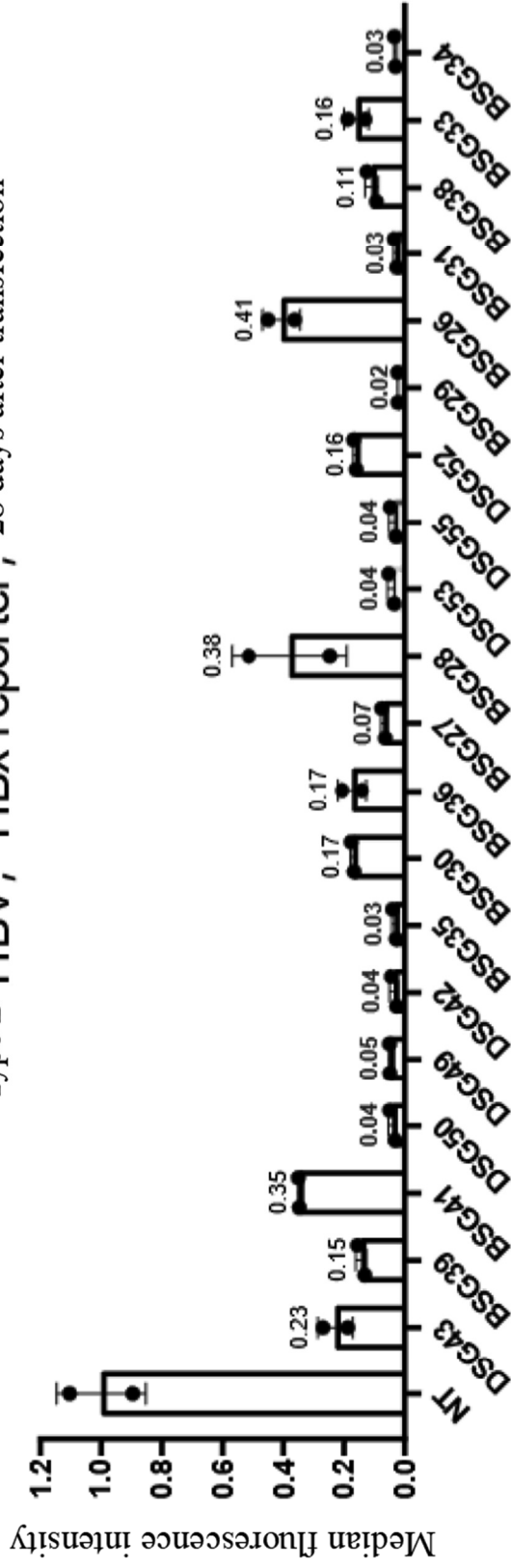


FIG. 4C

**FIG. 4D**

Type D HBV, HBx reporter, 28 days after transfection



Type D HBV, HBx reporter, 28 days after transfection

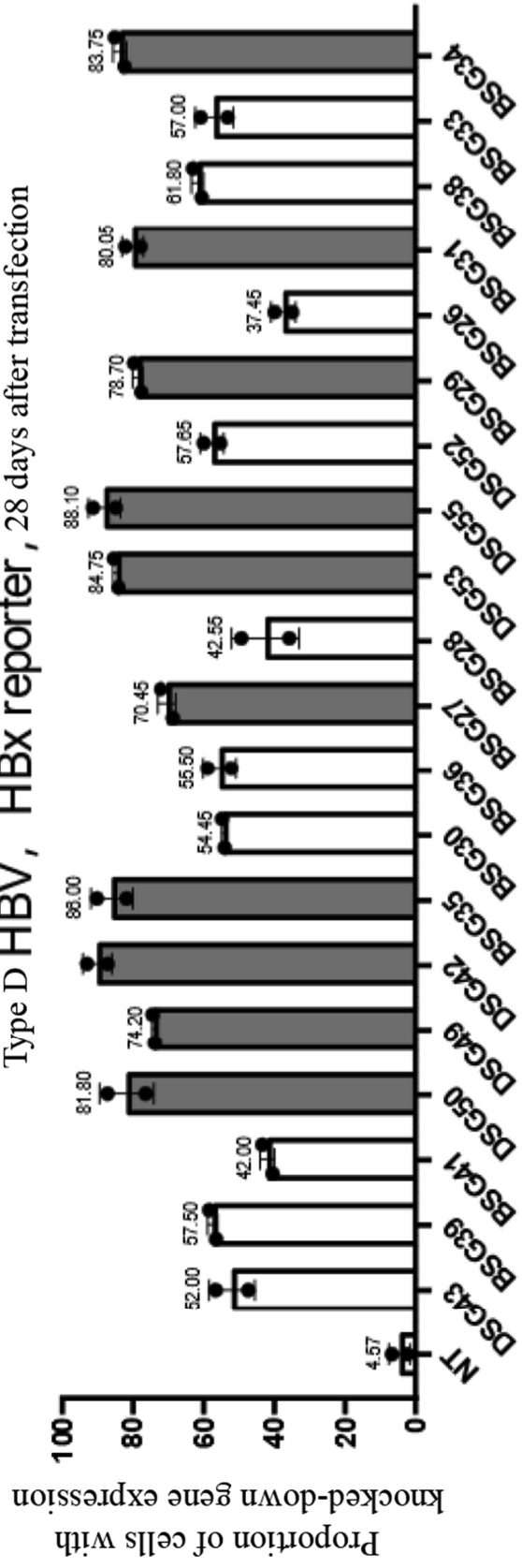
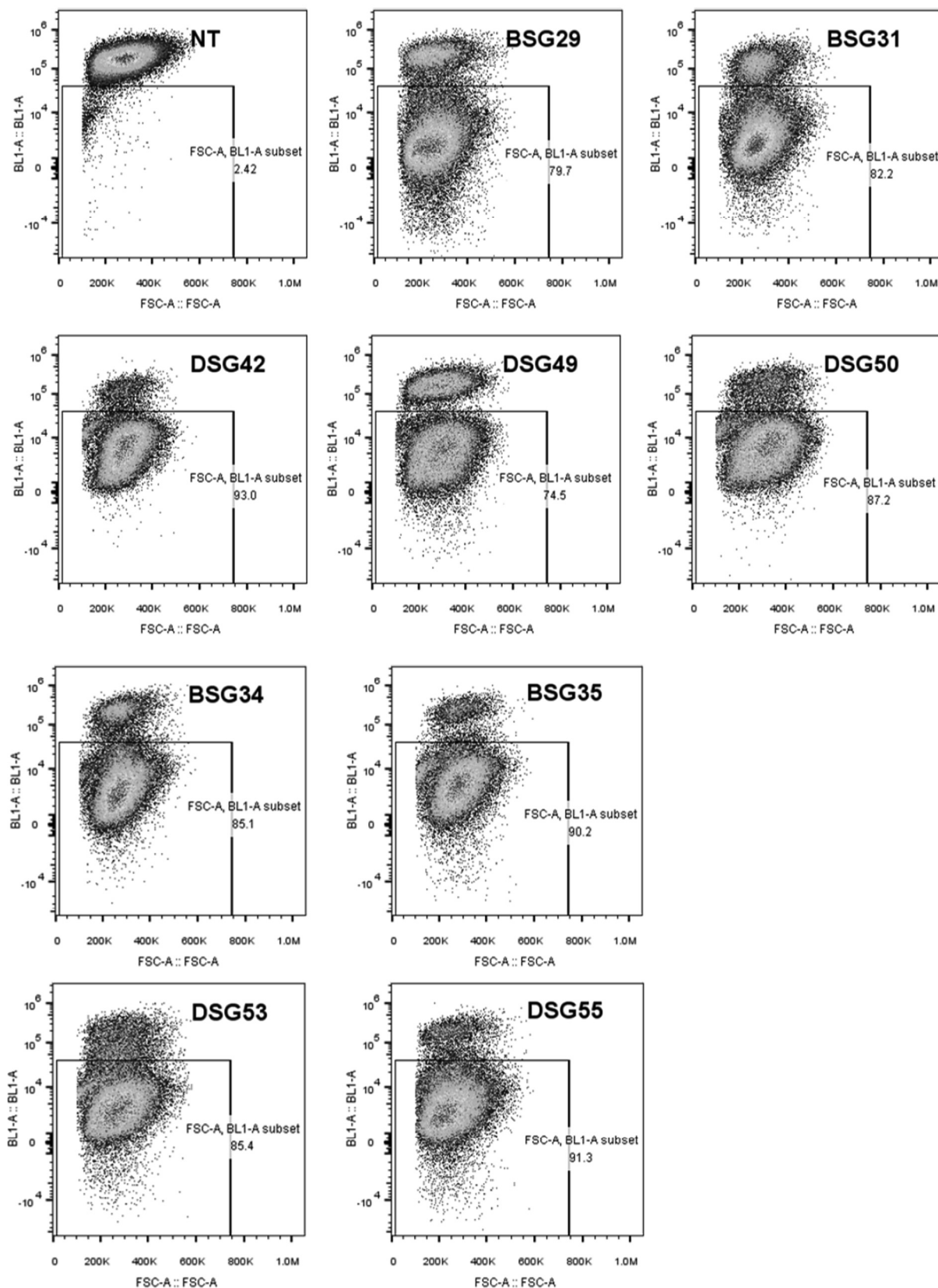


FIG. 4E

**FIG. 4F**

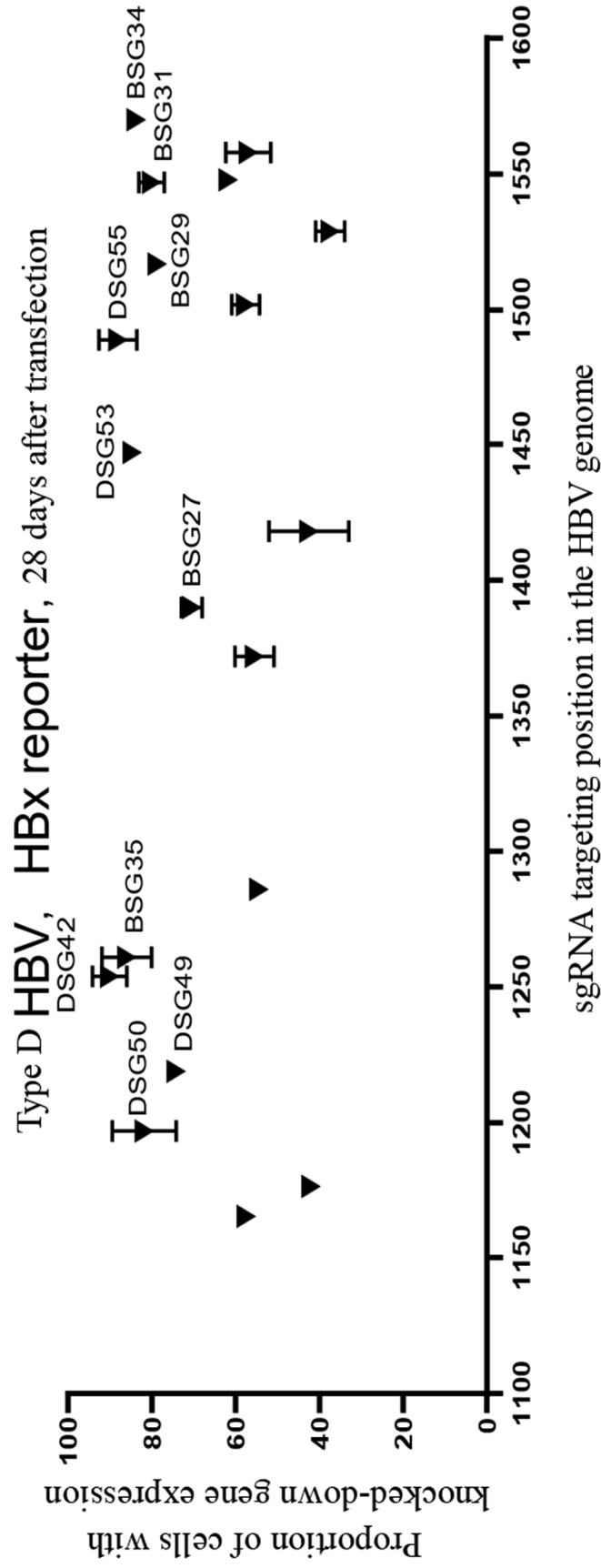


FIG. 4G

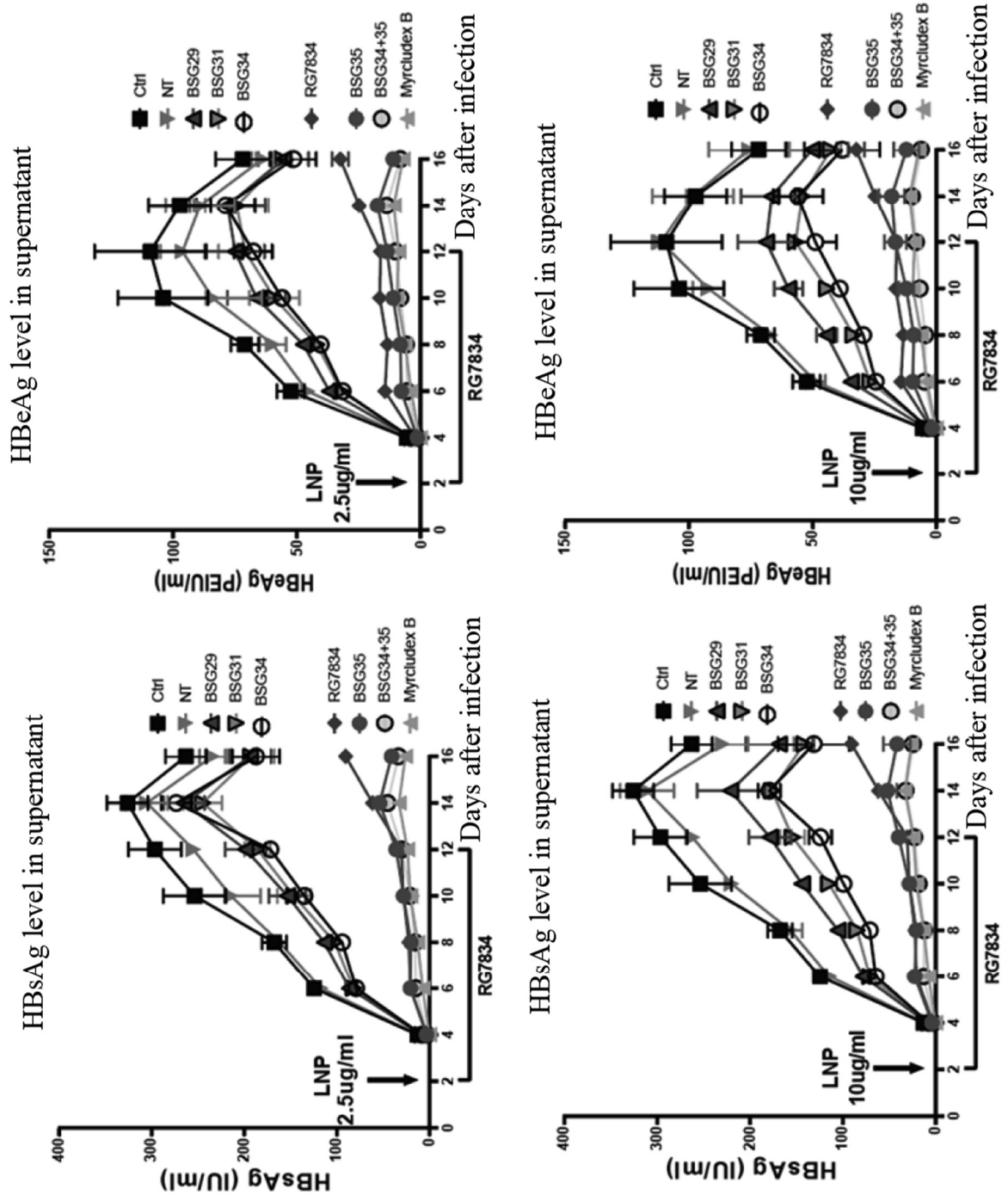


FIG. 5B

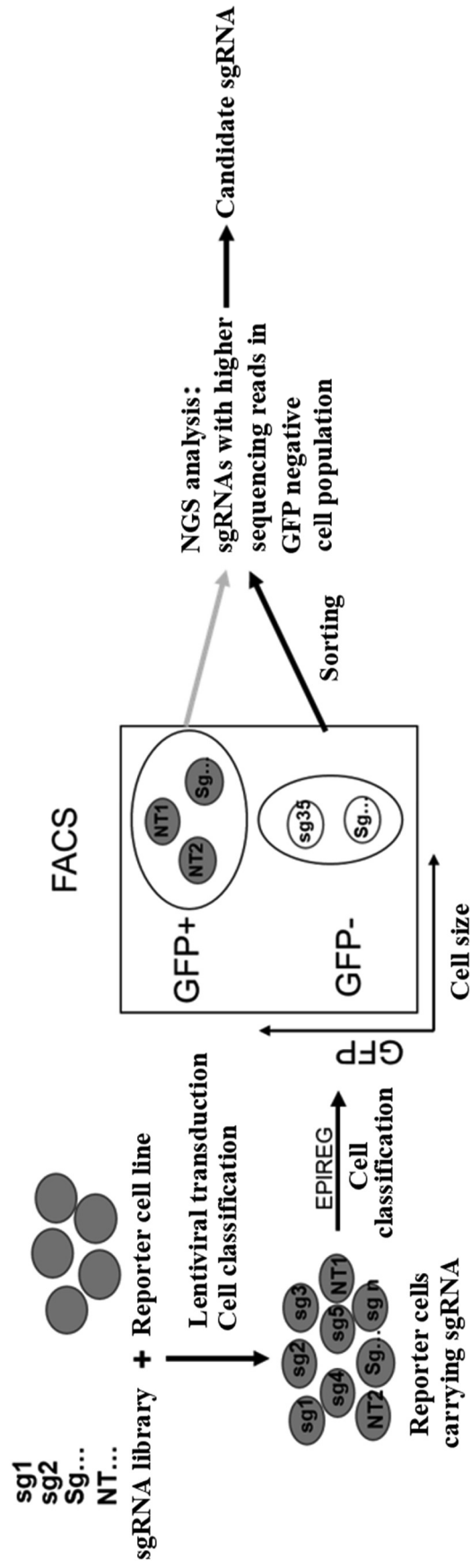


FIG. 6

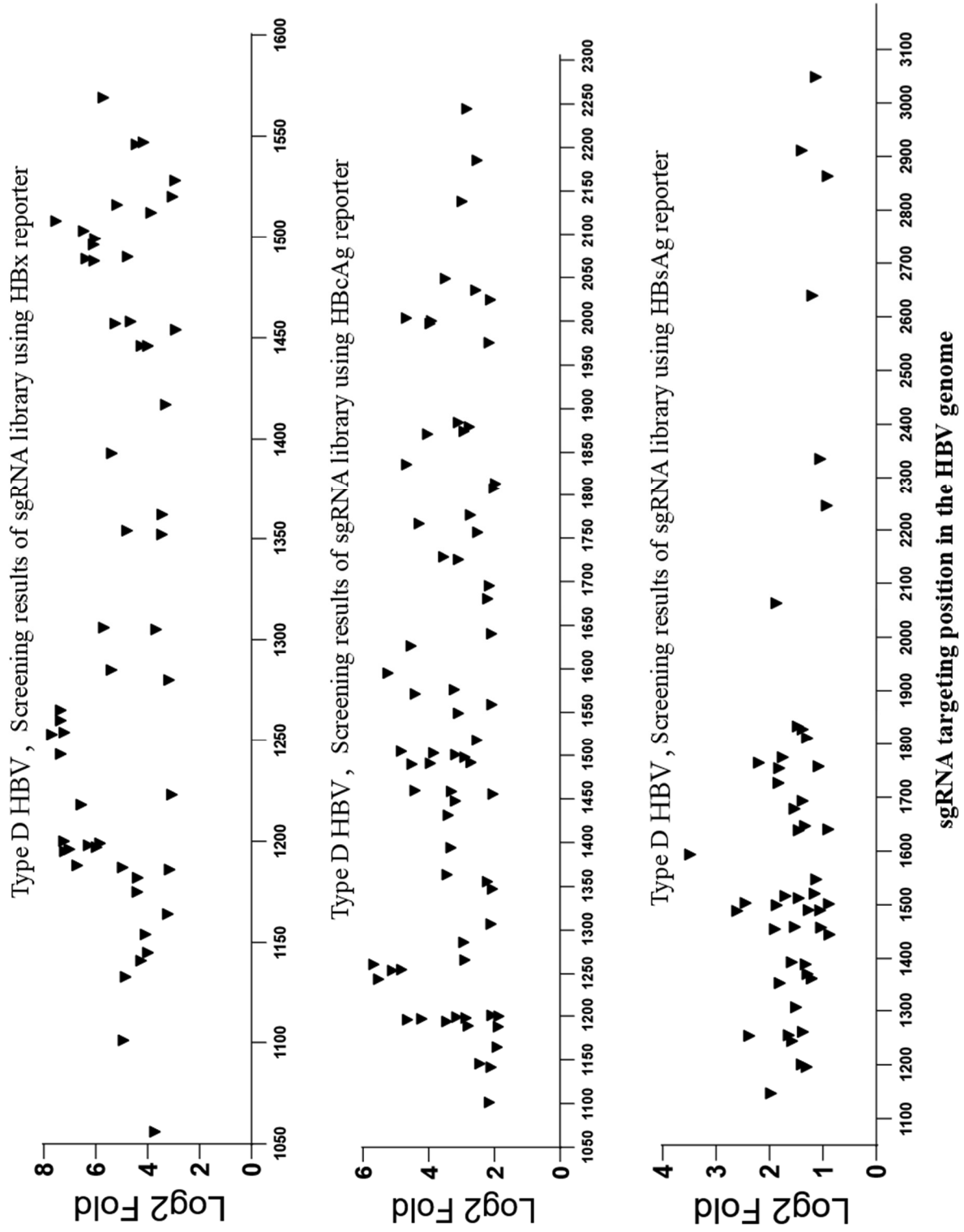


FIG. 7

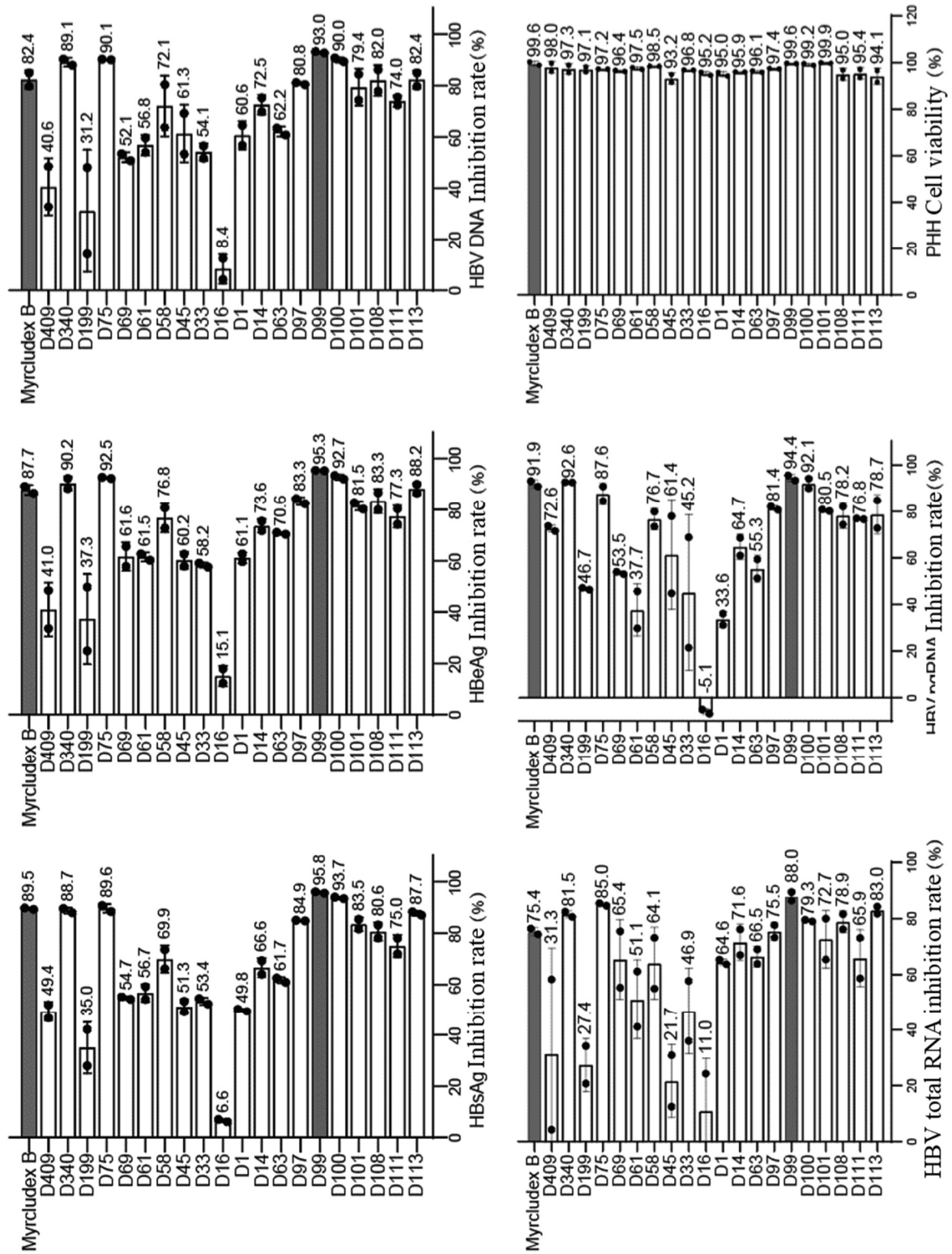


FIG. 8

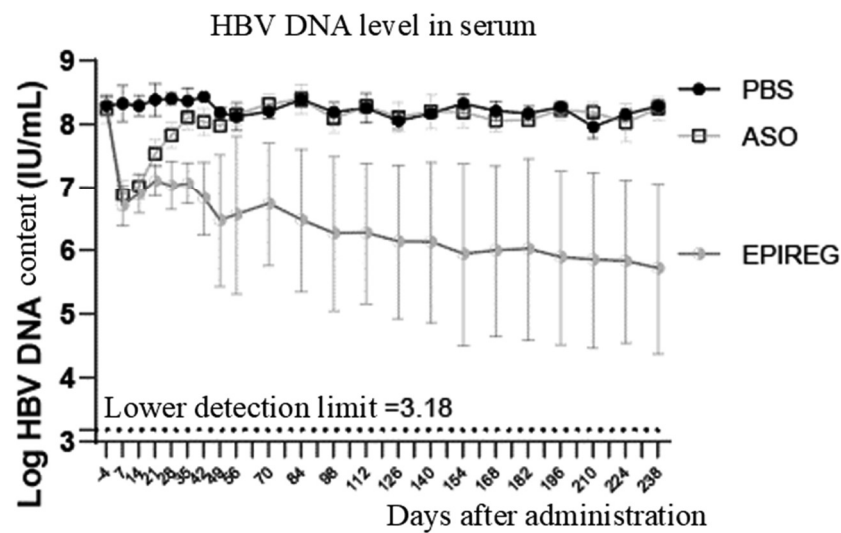
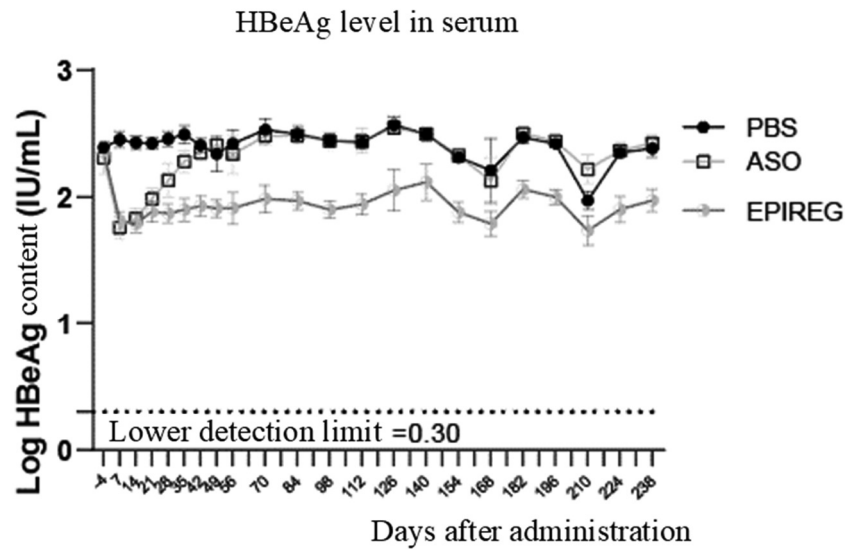
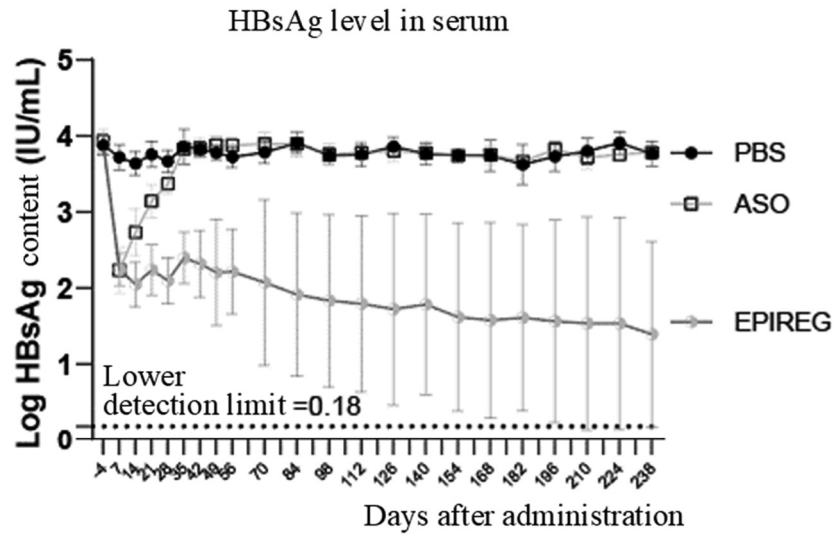
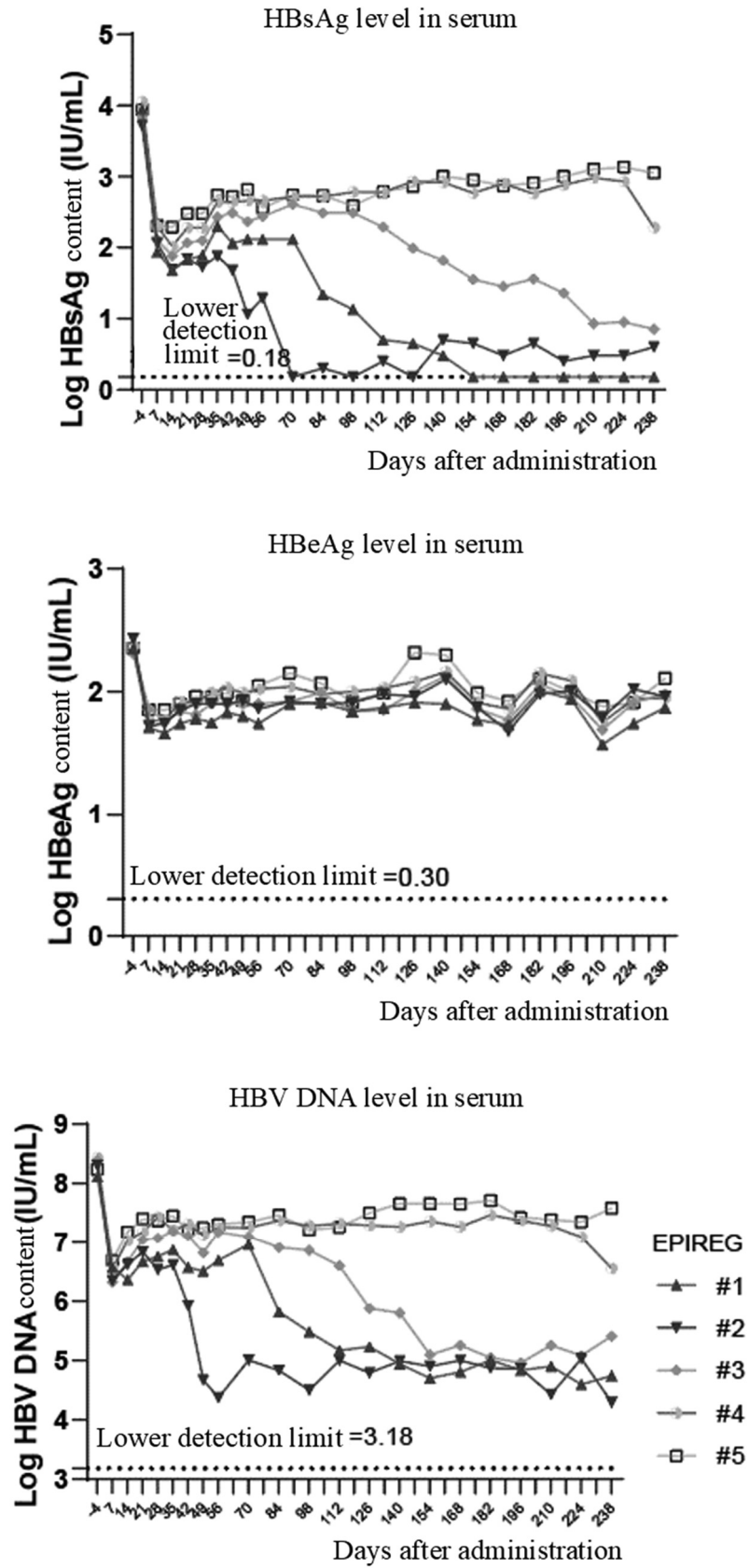


FIG. 9A

**FIG. 9B**

HBsAb level in serum

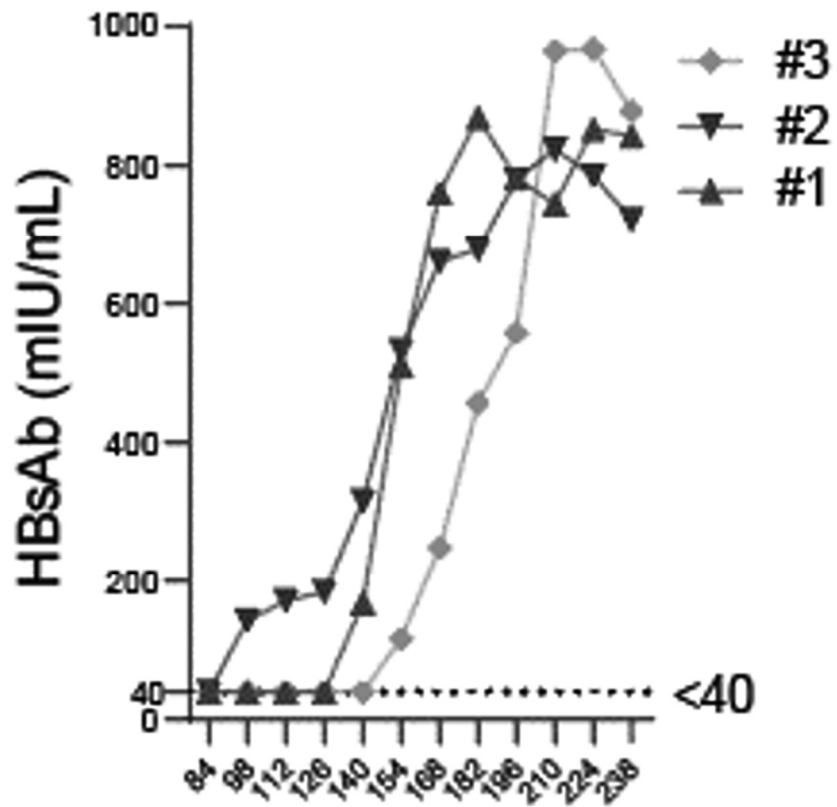


FIG. 9C

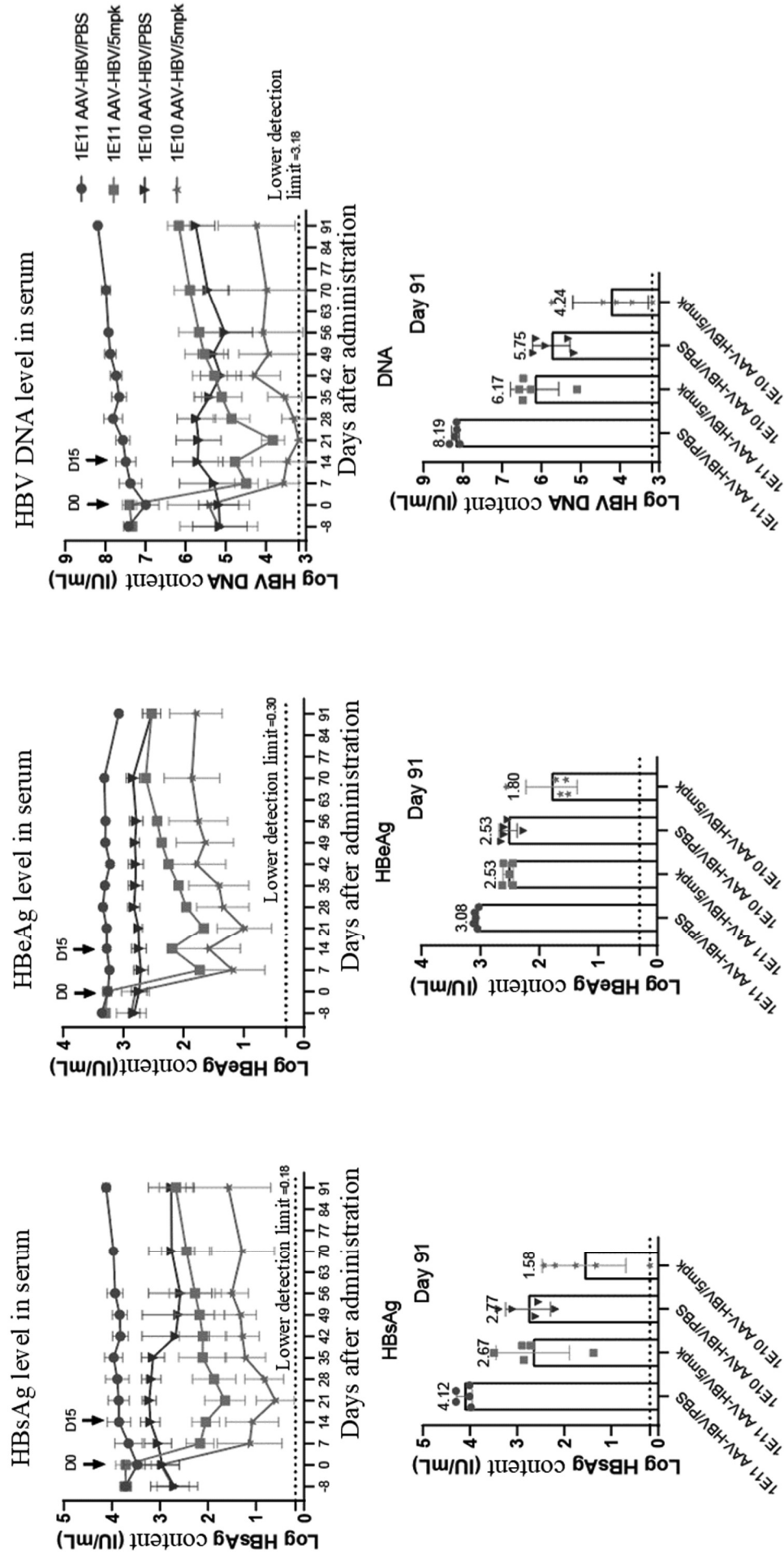


FIG. 10