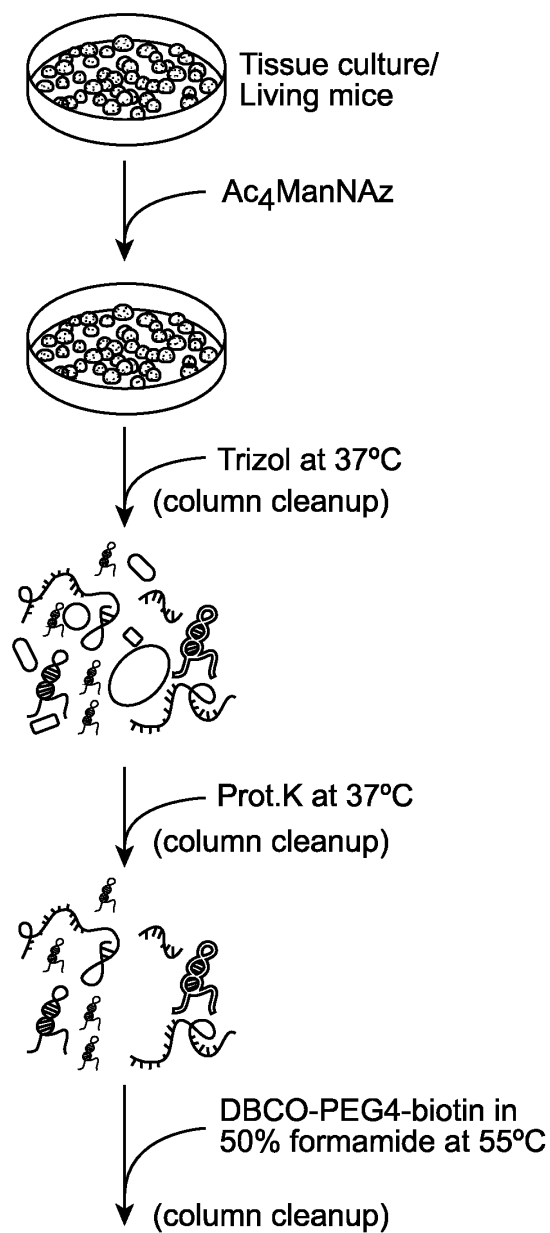


1/51

FIG. 1A



Denature in 95% formamide at 55°C,
Denaturing formaldehyde agarose gel,
Streptavidin imaging on LiCor scanner

FIG. 1C

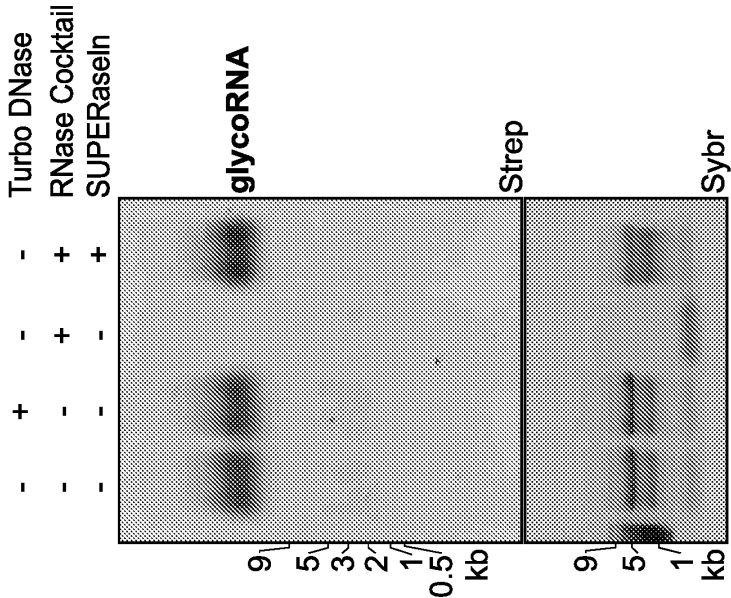


FIG. 1B

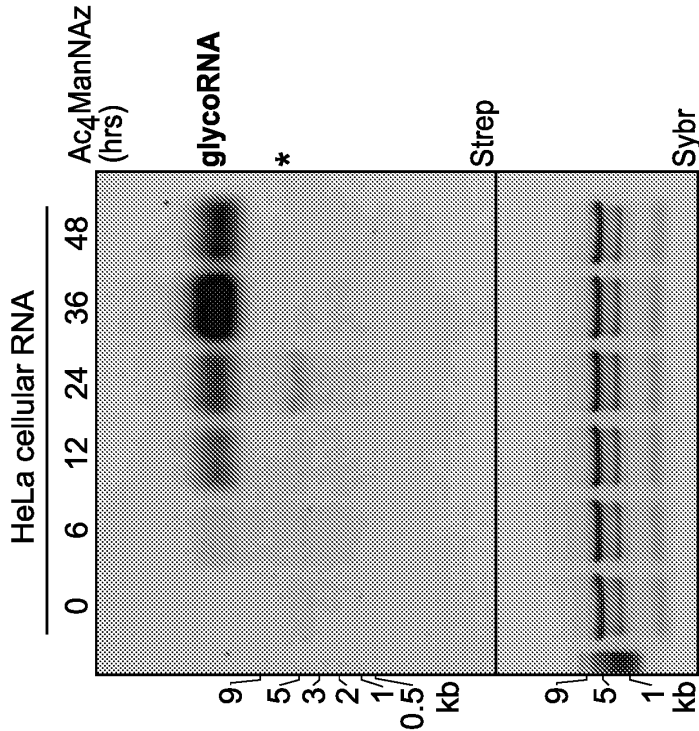
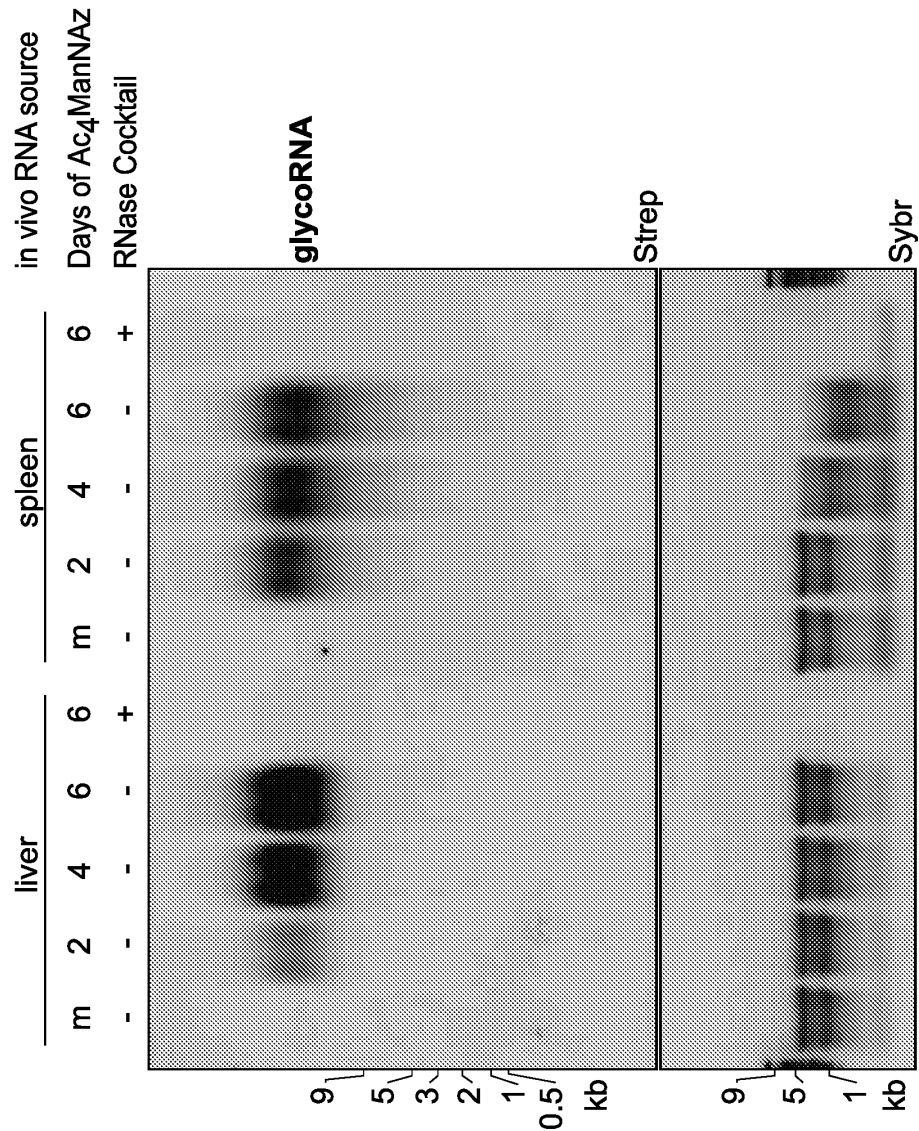


FIG. 1D



4/51

FIG. 2A

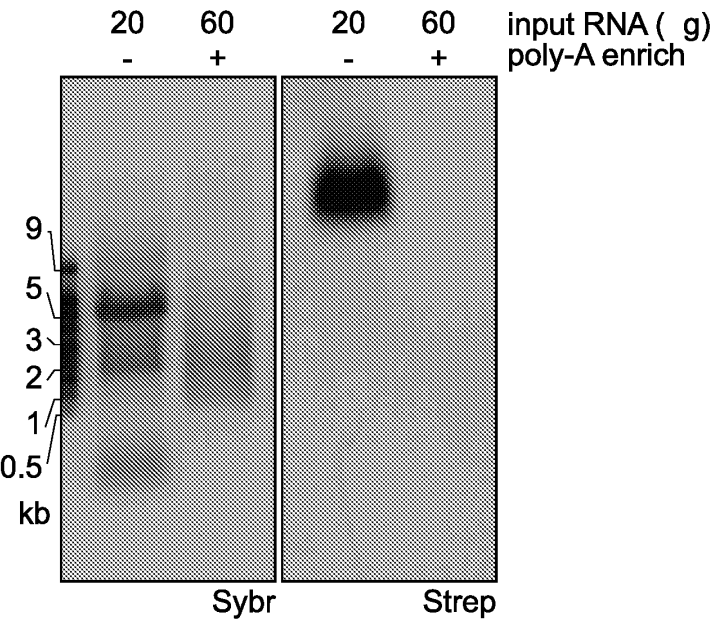


FIG. 2B

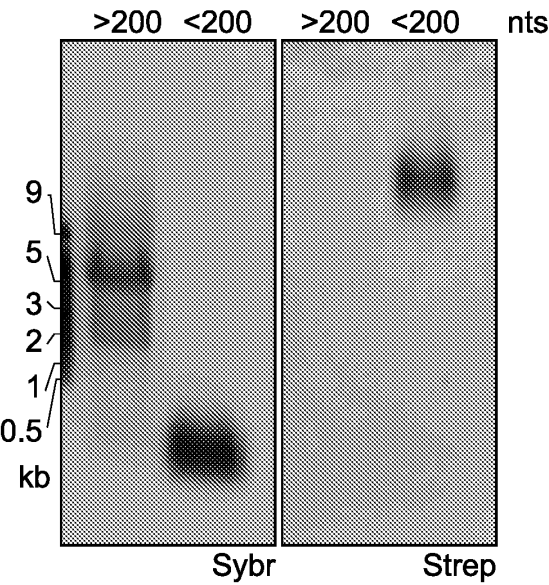
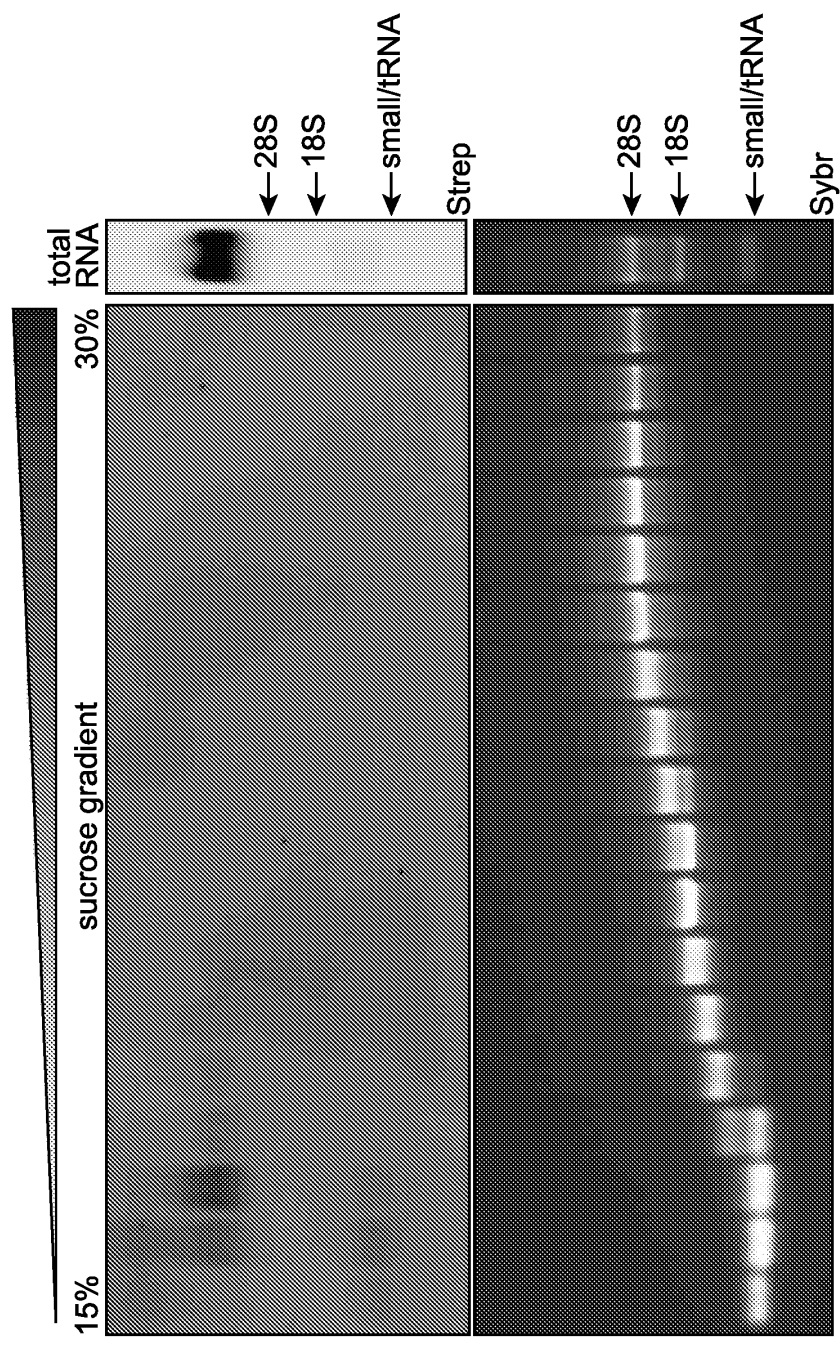


FIG. 2C



To FIG. 2D

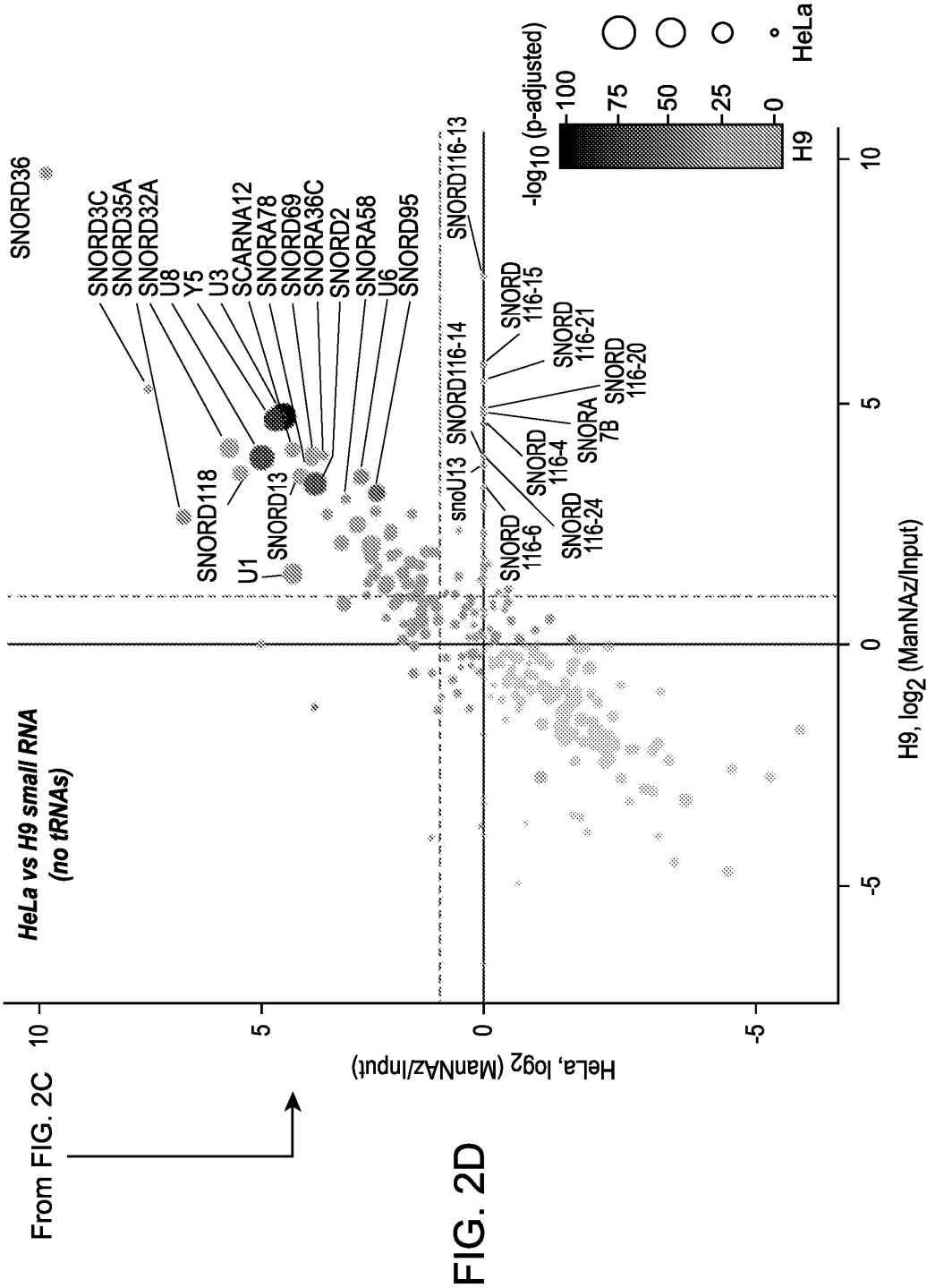


FIG. 2E

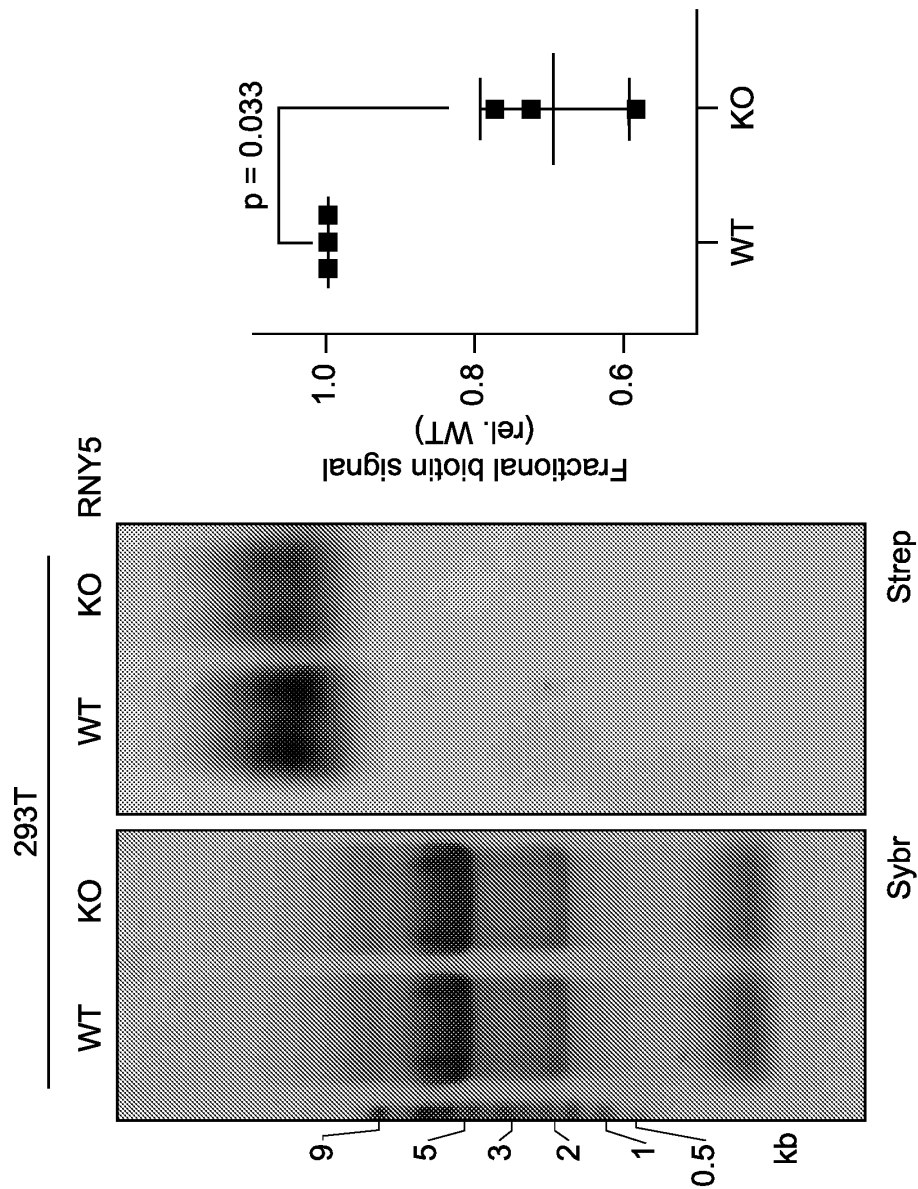


FIG. 3B

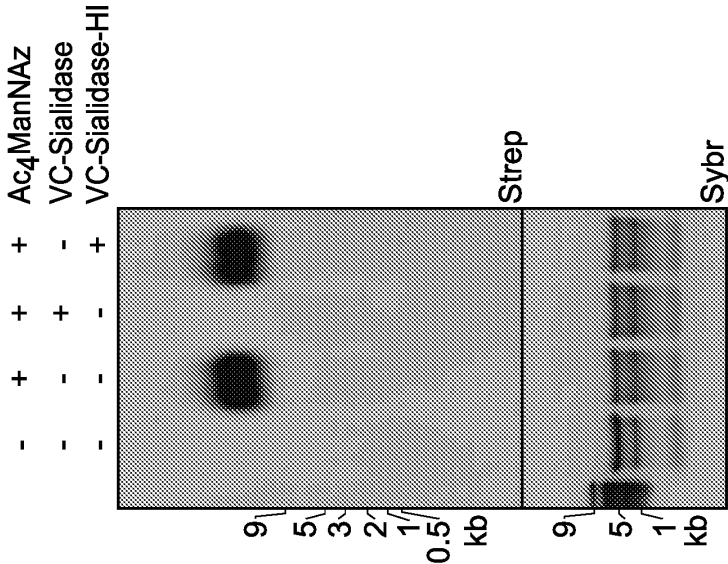


FIG. 3A

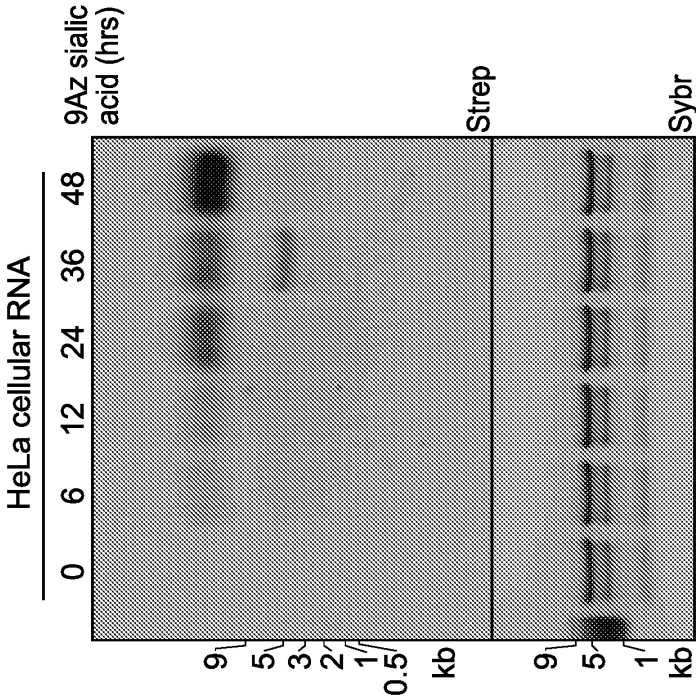


FIG. 3C

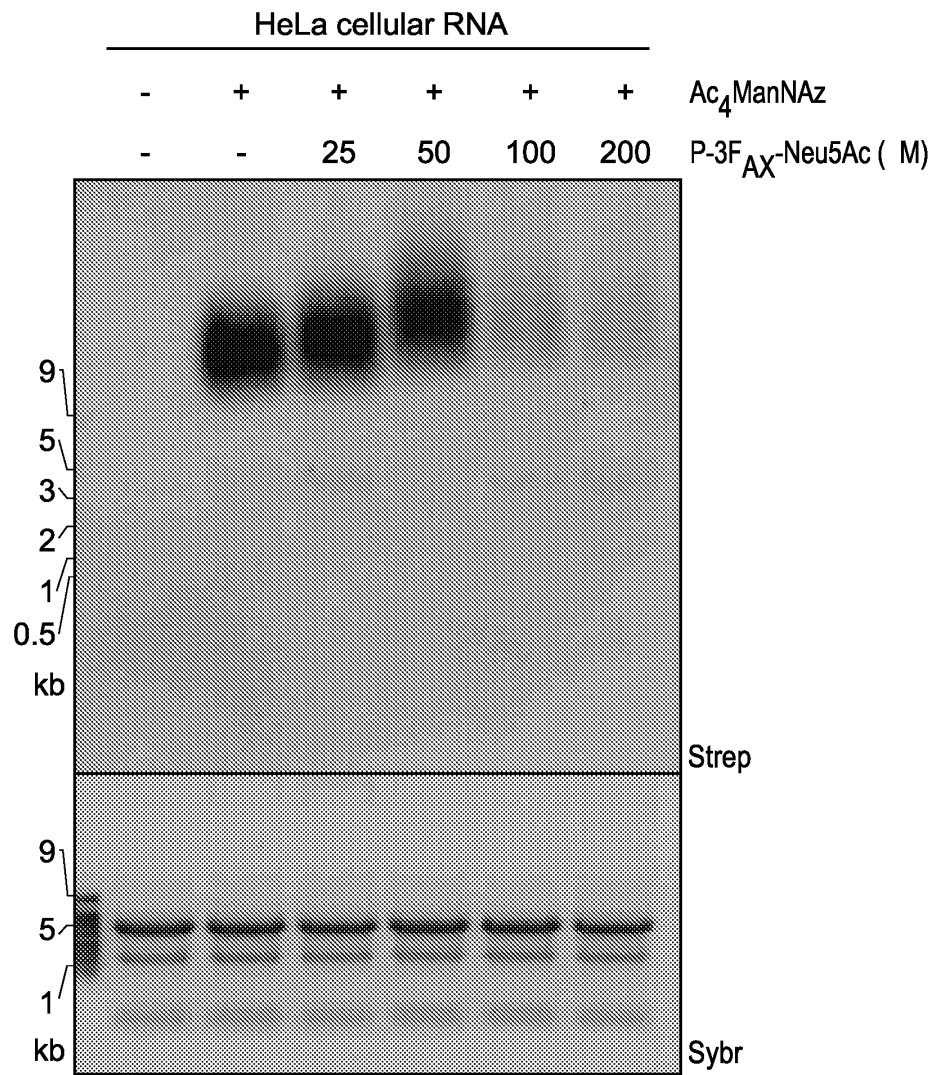


FIG. 3D

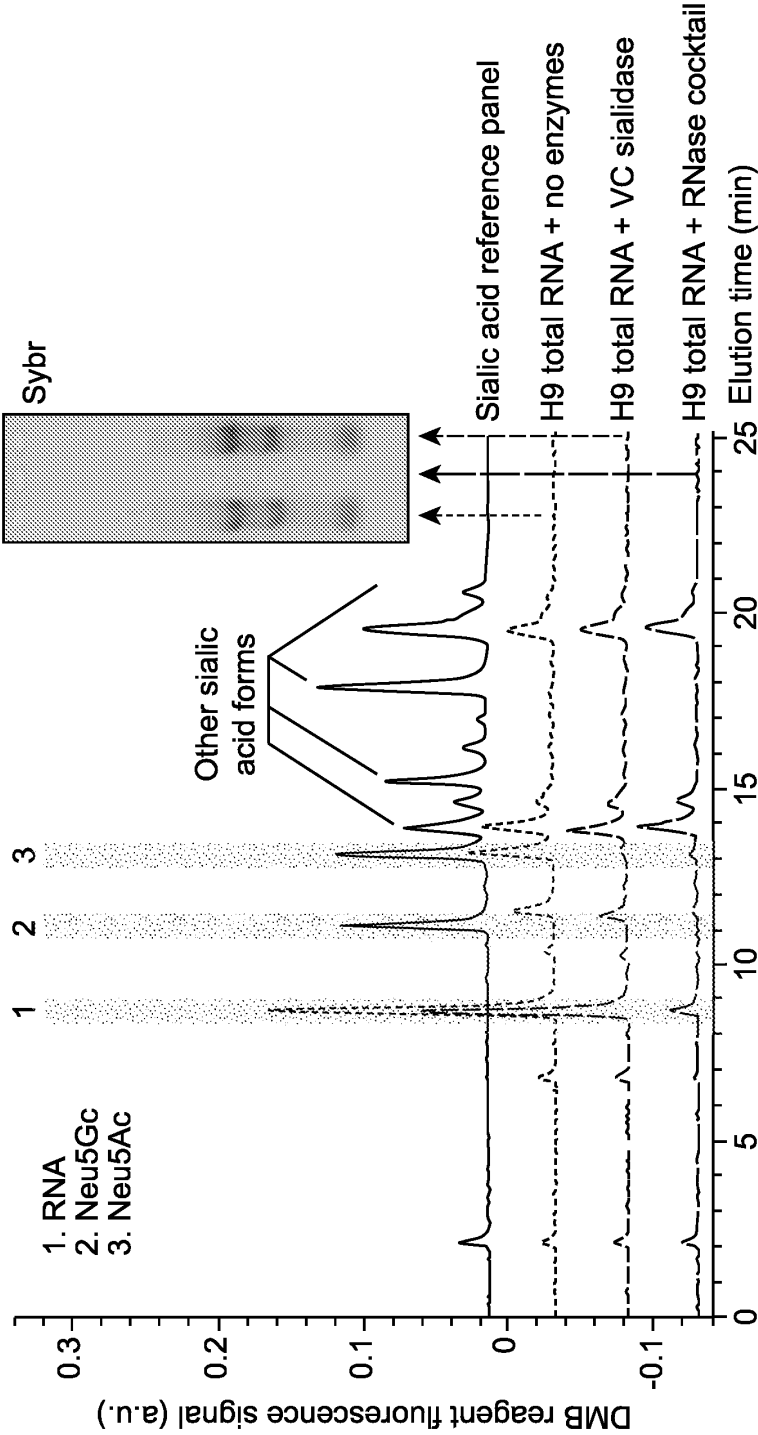


FIG. 3E

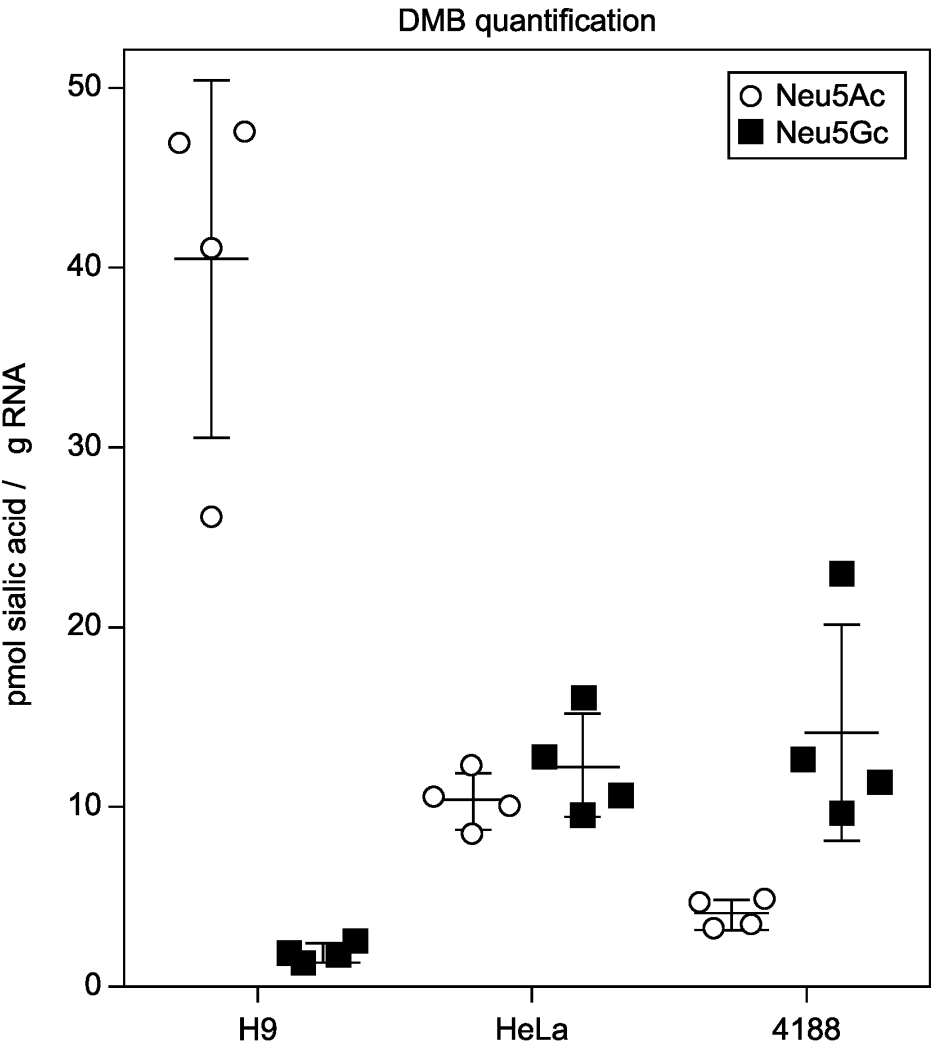


FIG. 4A

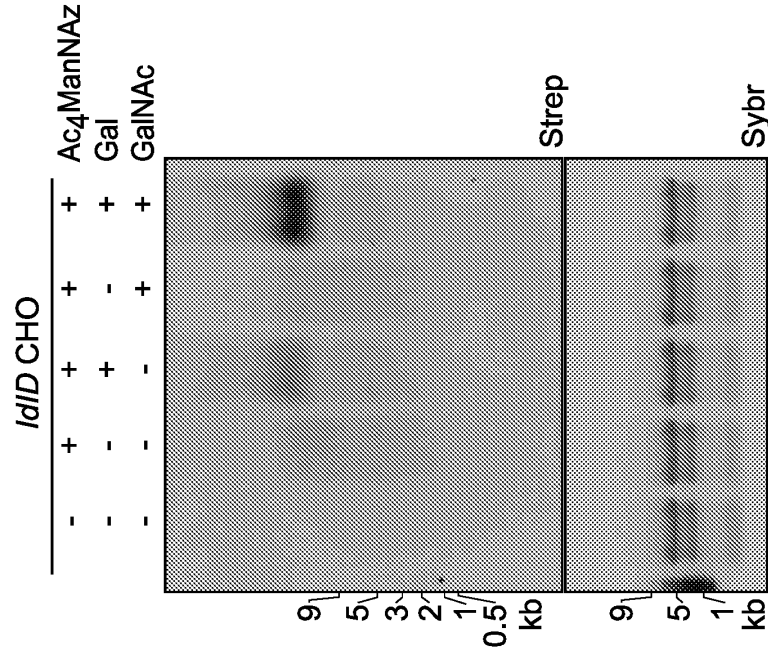


FIG. 4B

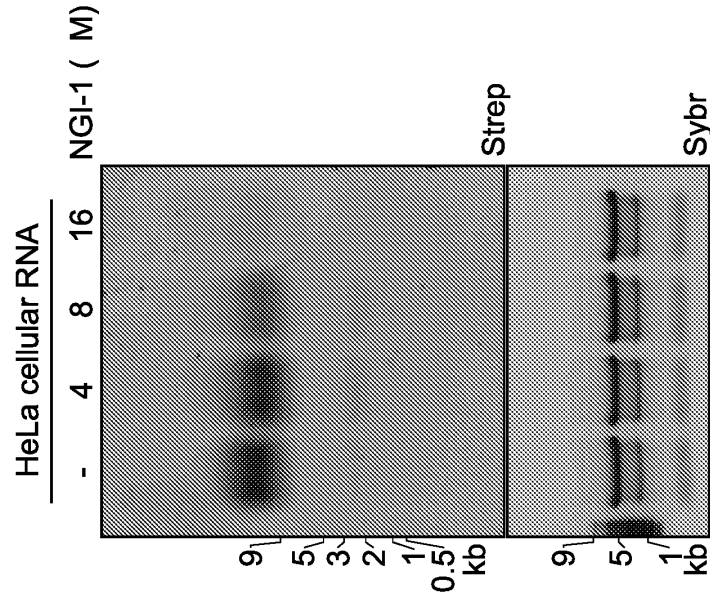


FIG. 4D

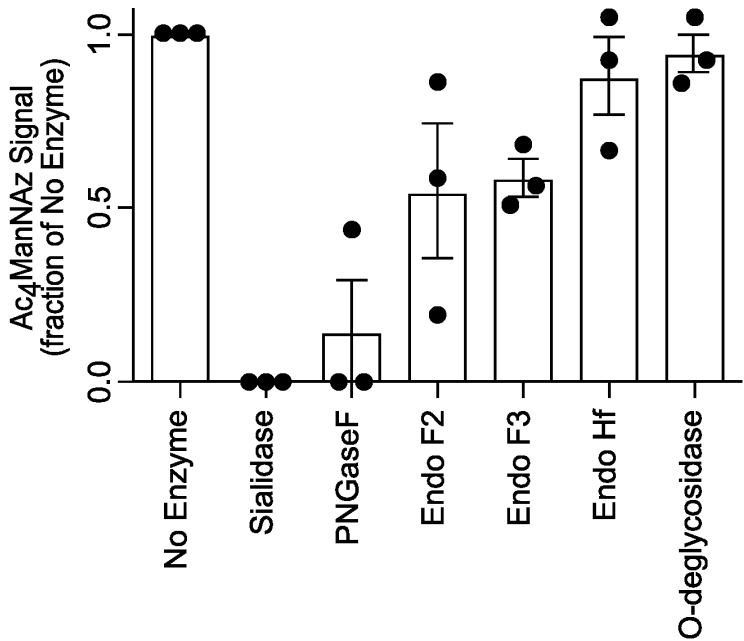


FIG. 4C

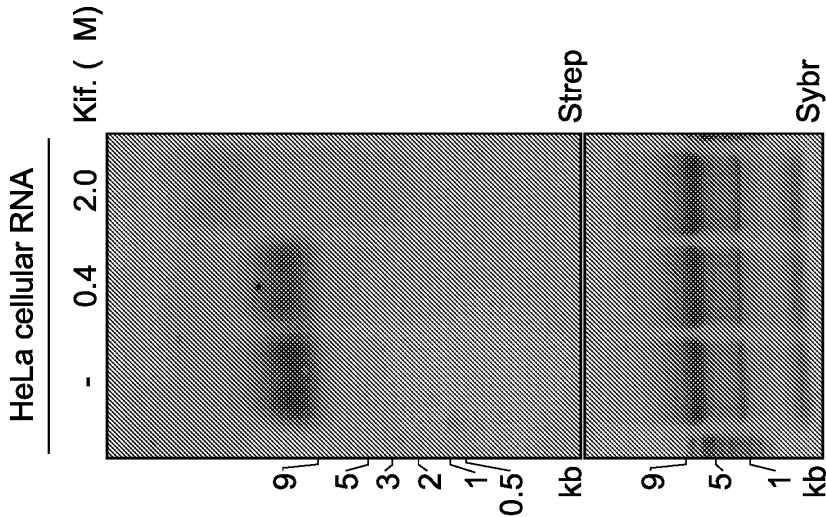
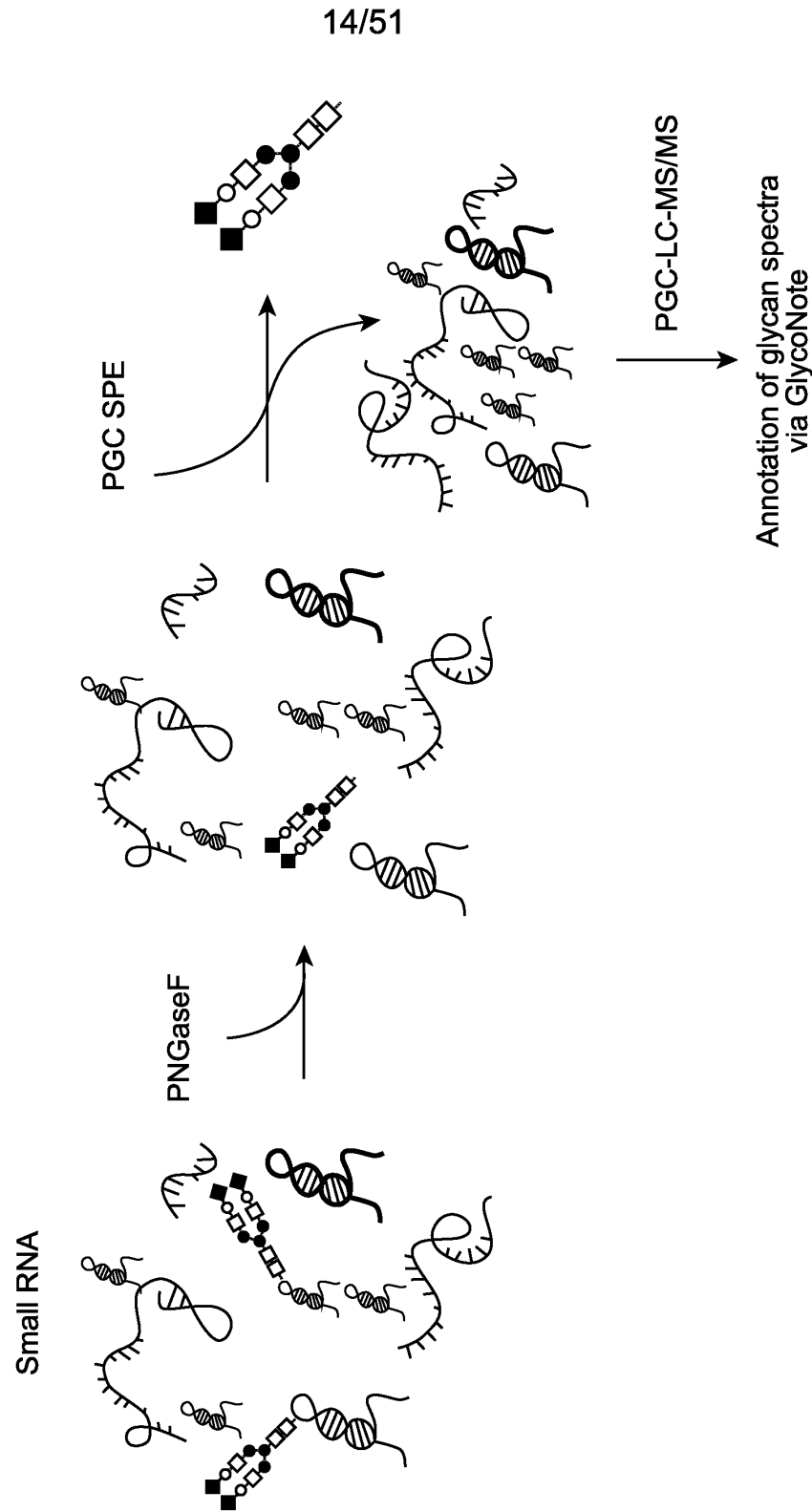
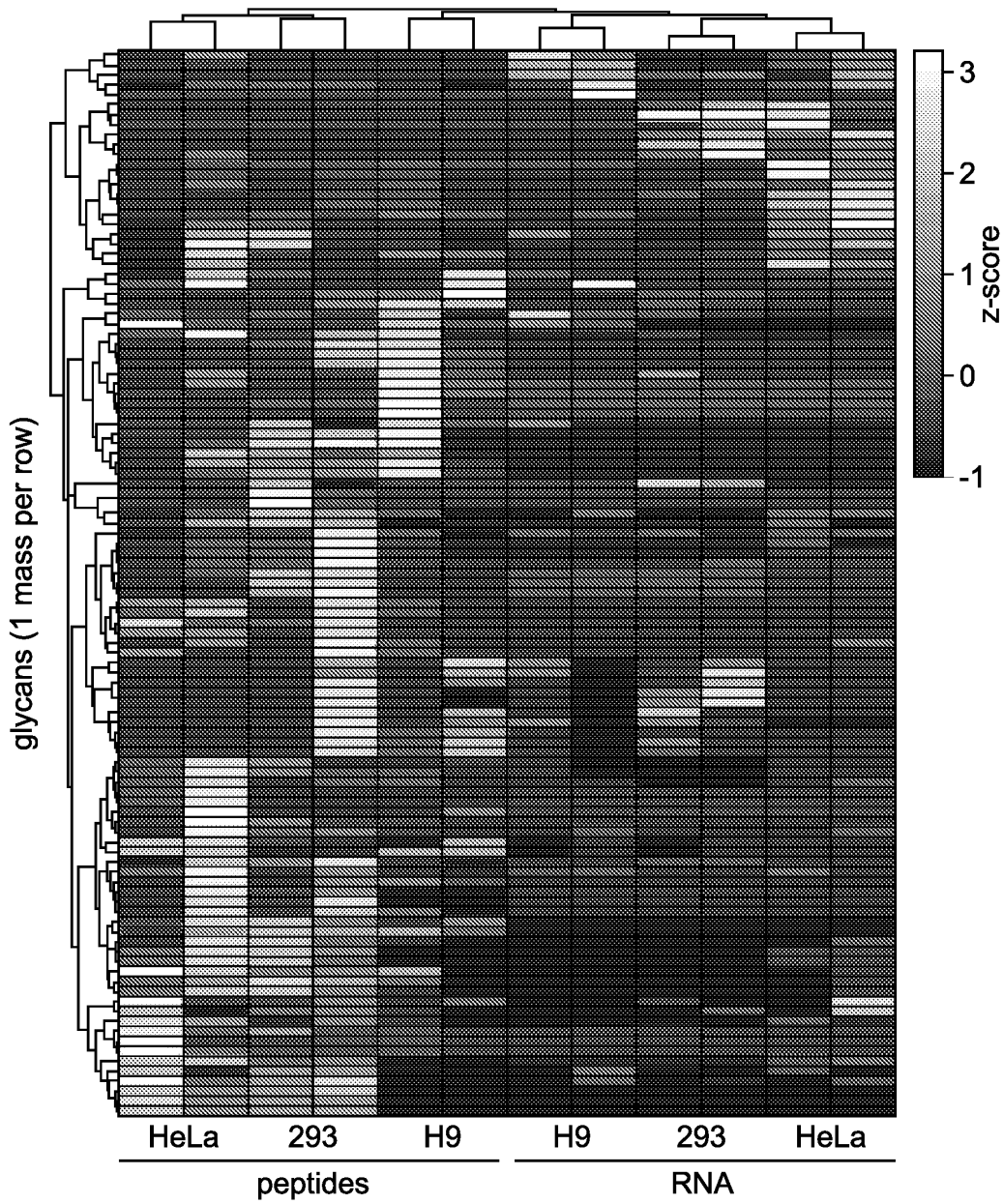


FIG. 4E



15/51

FIG. 4F



16/51

FIG. 4G

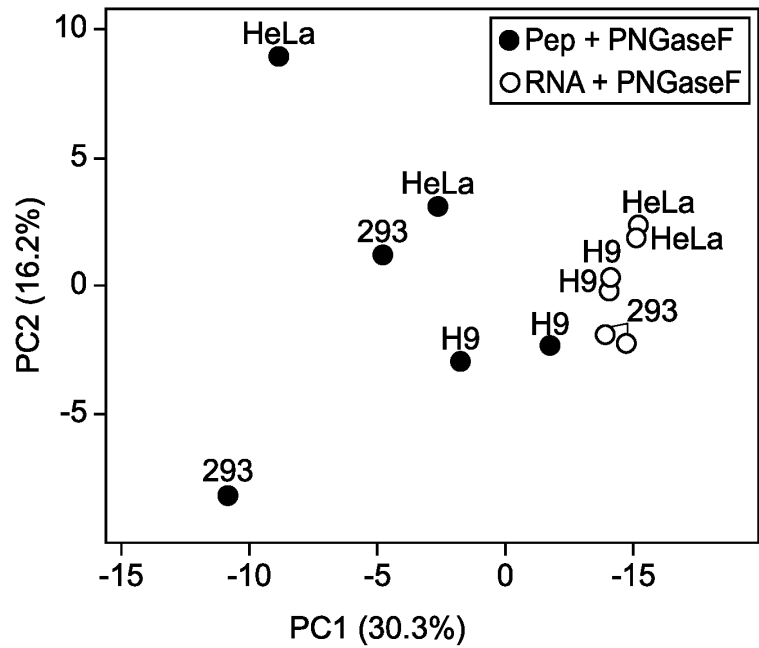


FIG. 4H

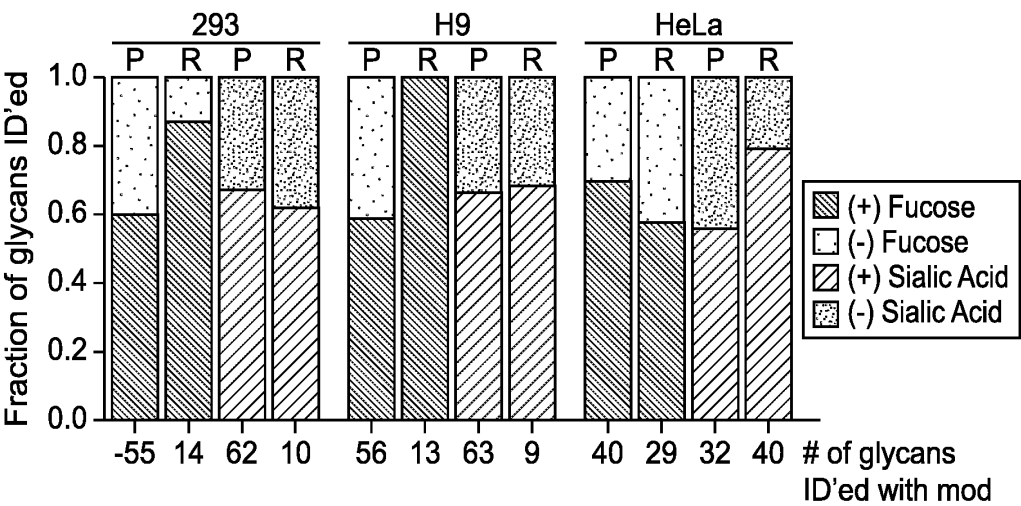


FIG. 5A

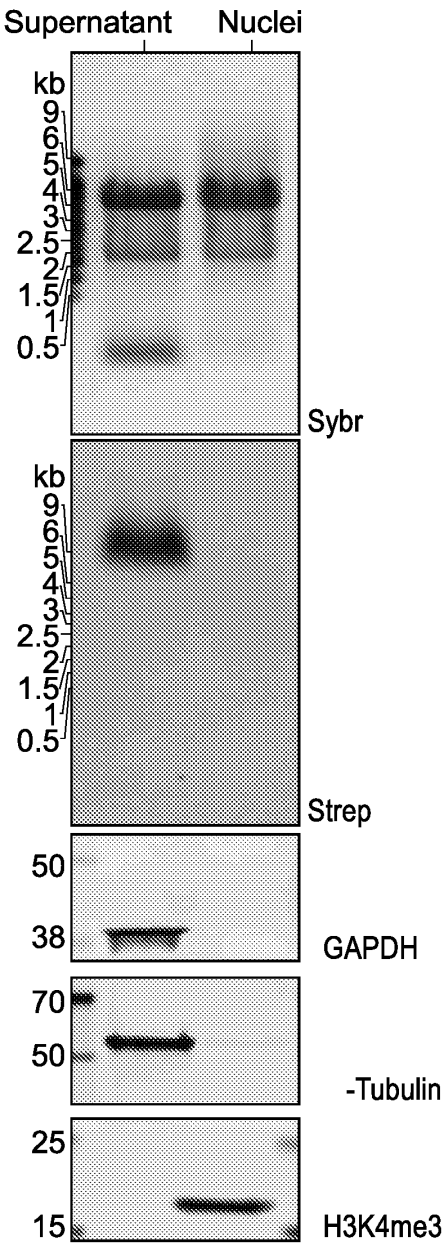
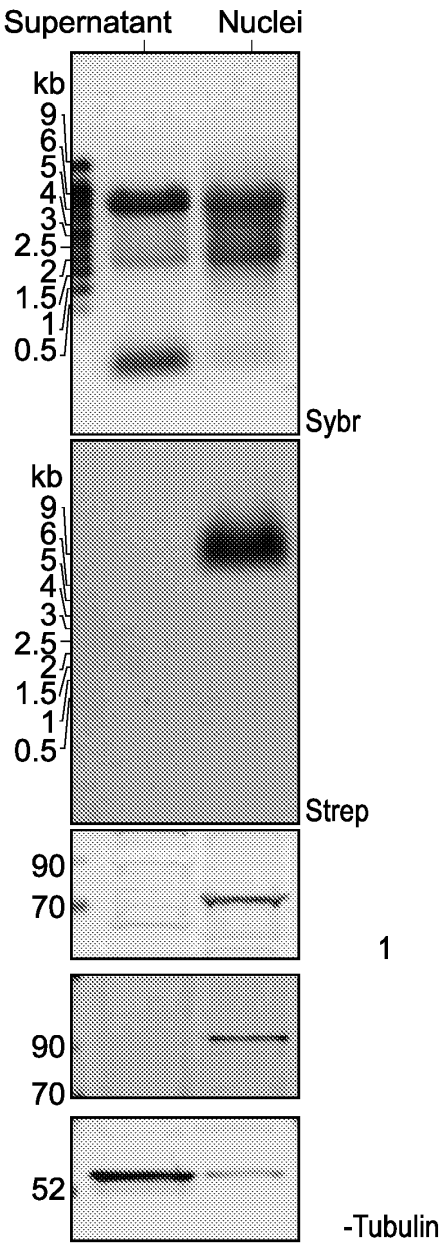


FIG. 5B



18/51

FIG. 5C

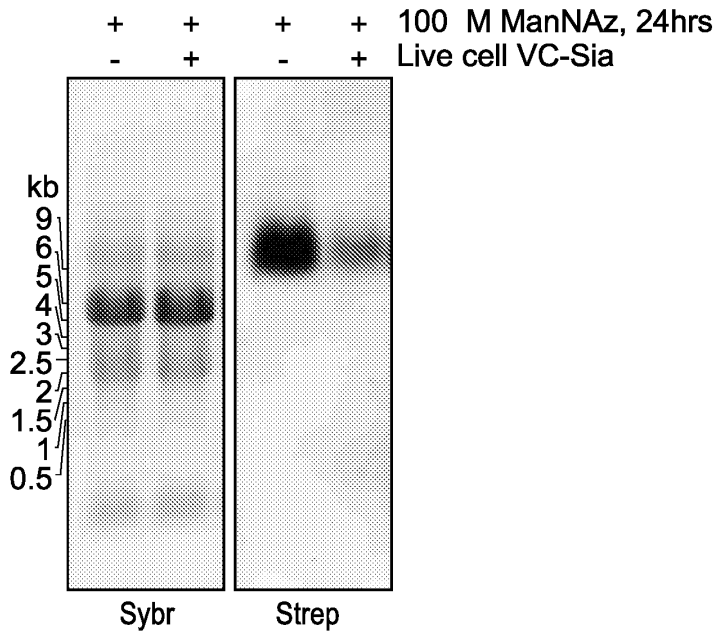


FIG. 5D

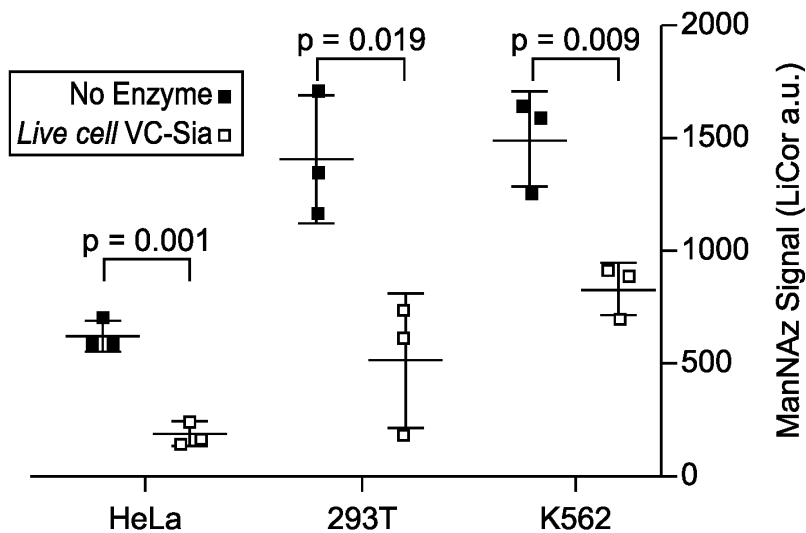


FIG. 5E

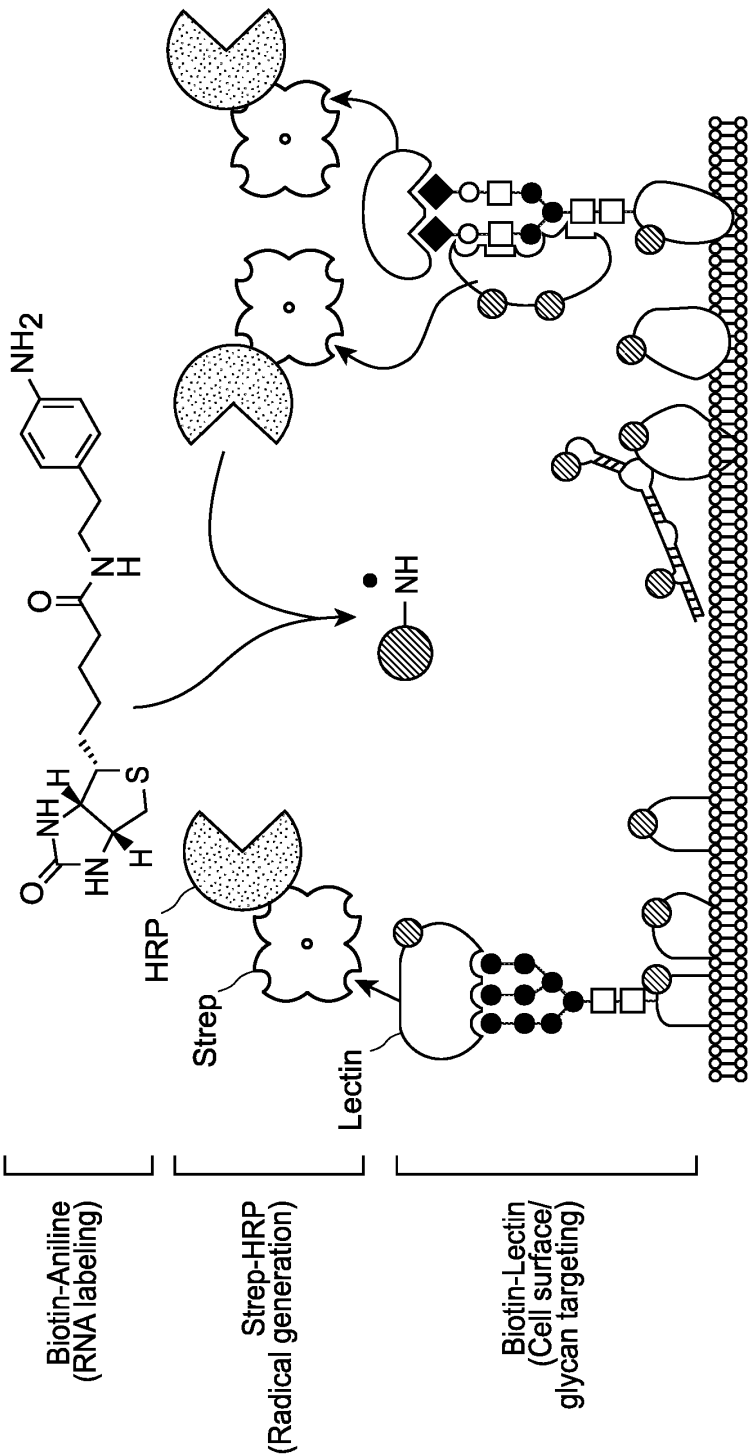


FIG. 5F

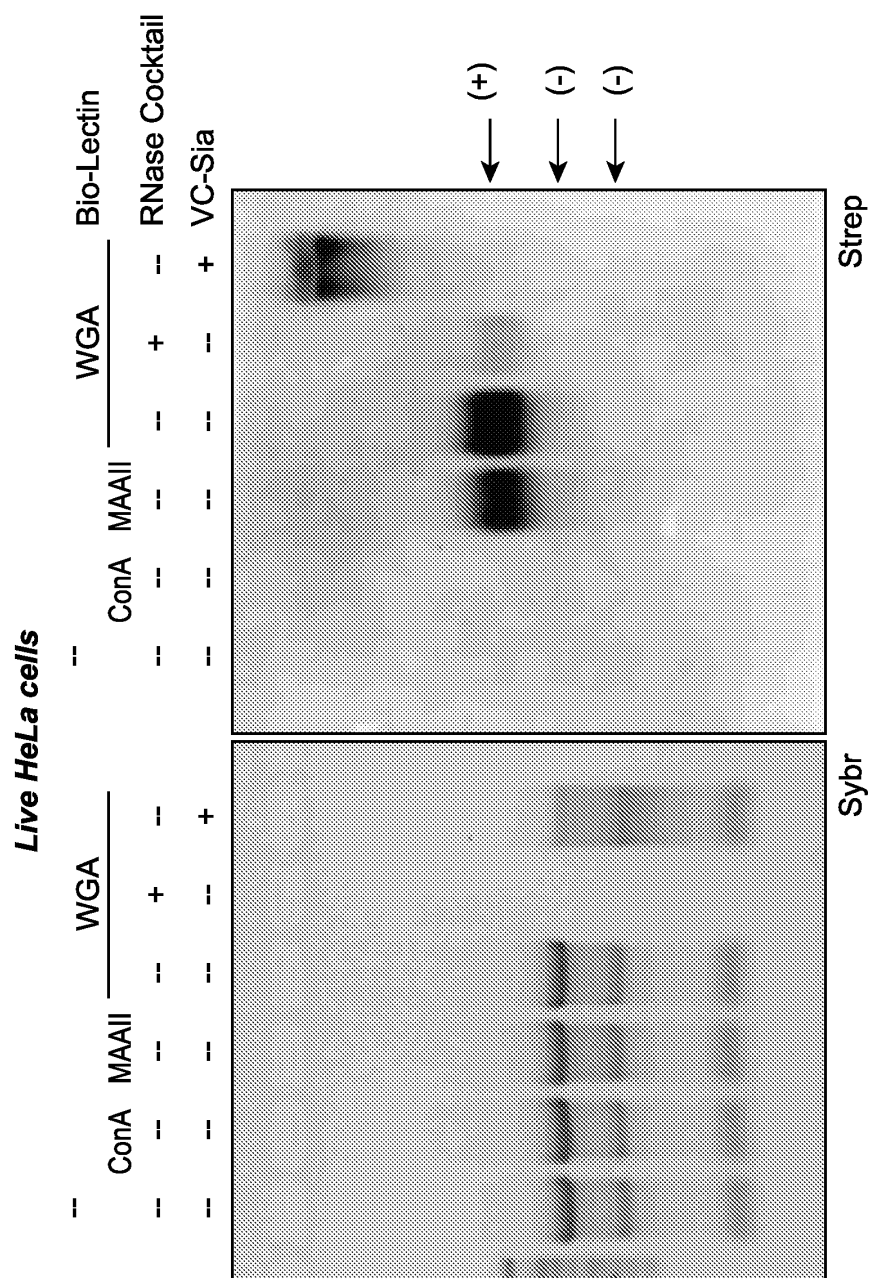


FIG. 5G

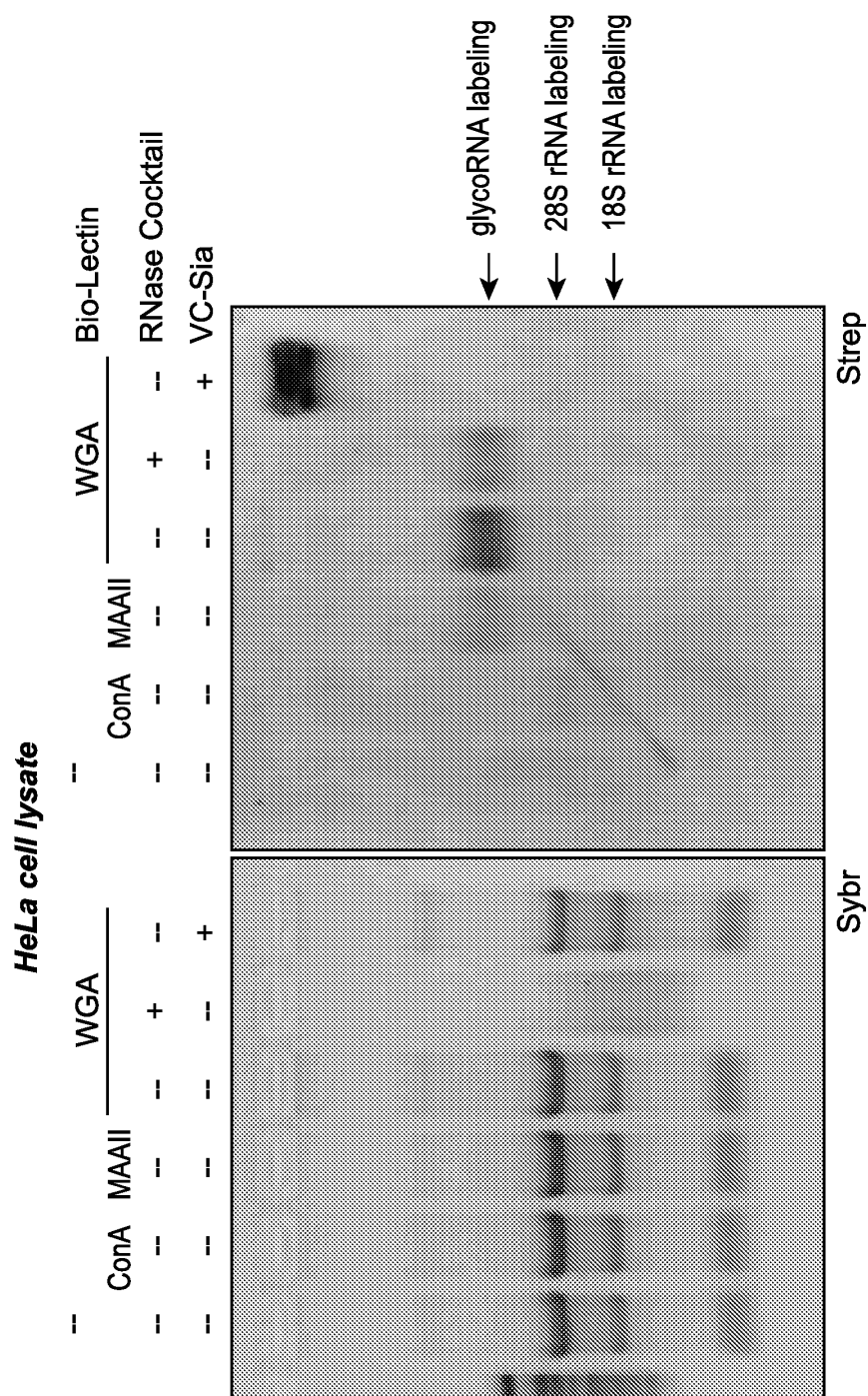


FIG. 6A

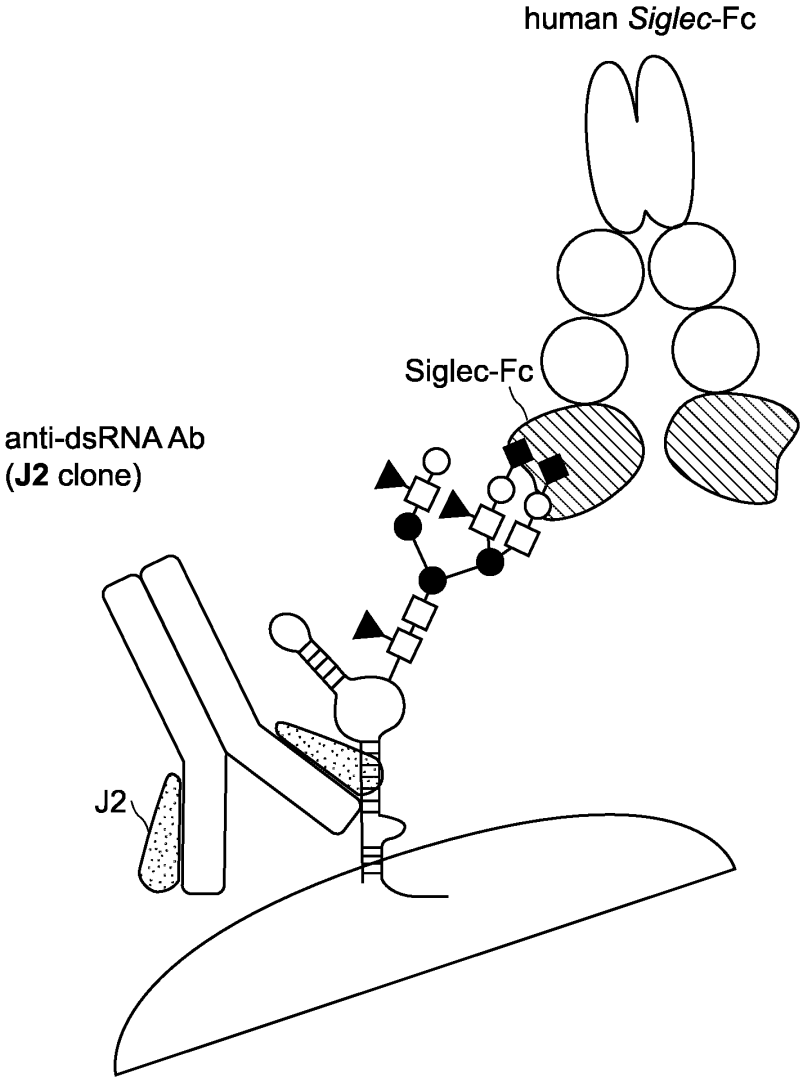


FIG. 6B

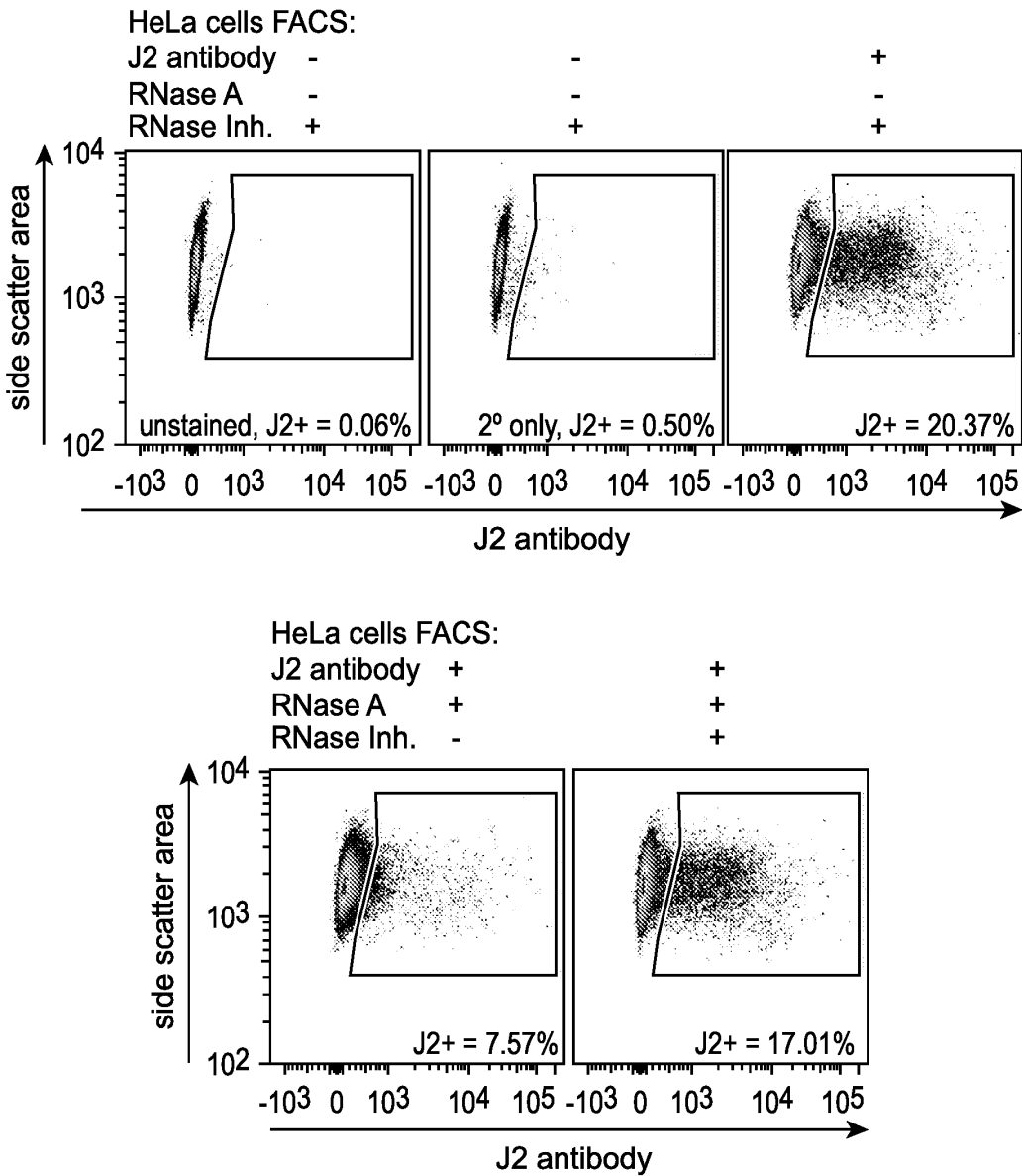


FIG. 6D

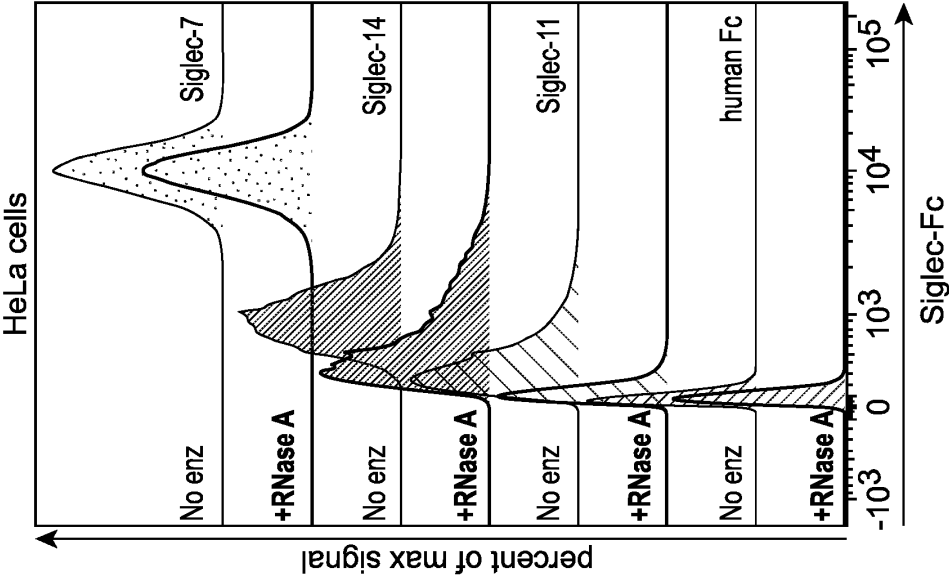
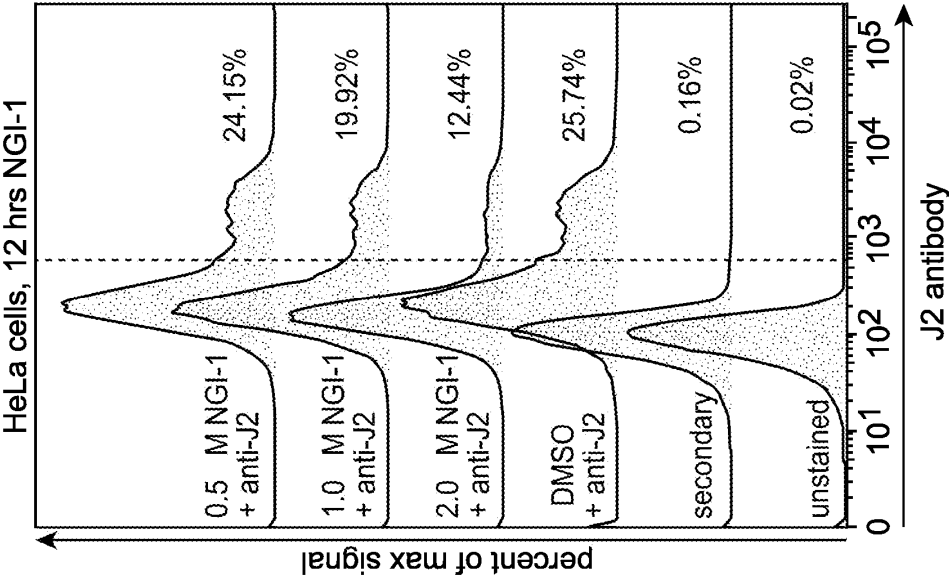
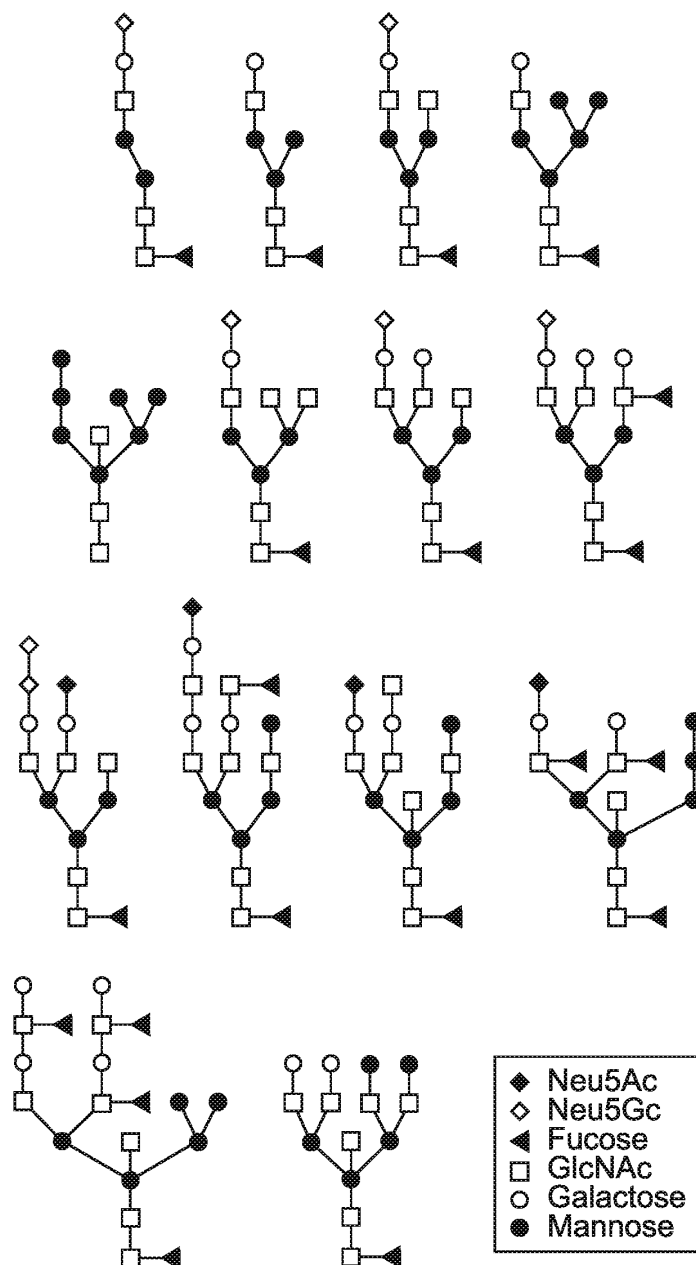


FIG. 6C



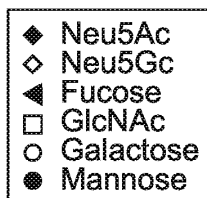
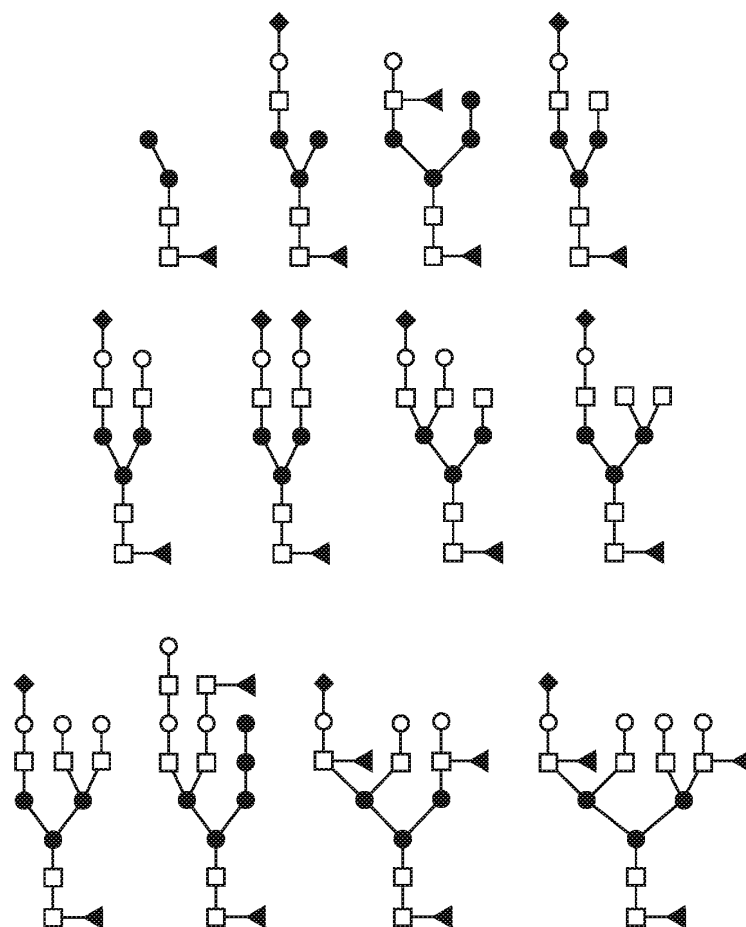
25/51

FIG. 7A

293T RNA glycans

26/51

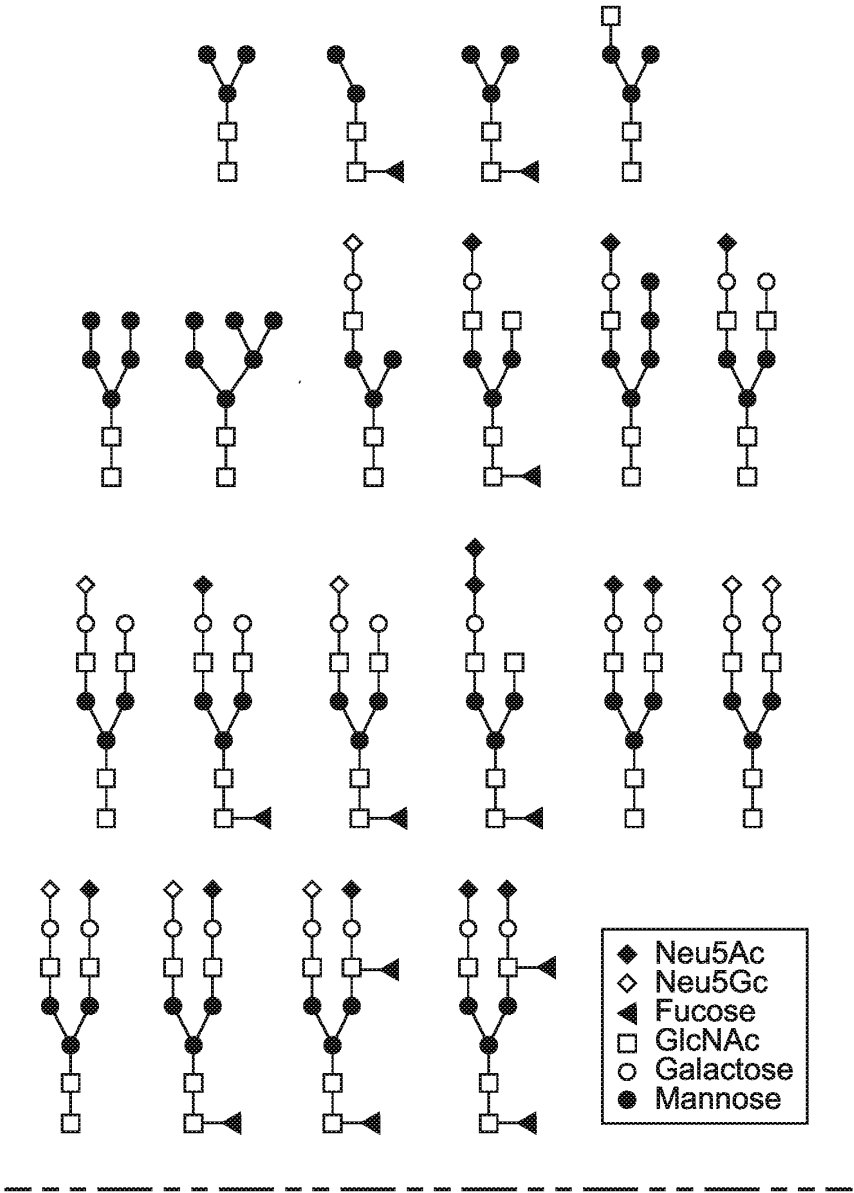
FIG. 7B

H9 hES RNA glycans

27/51

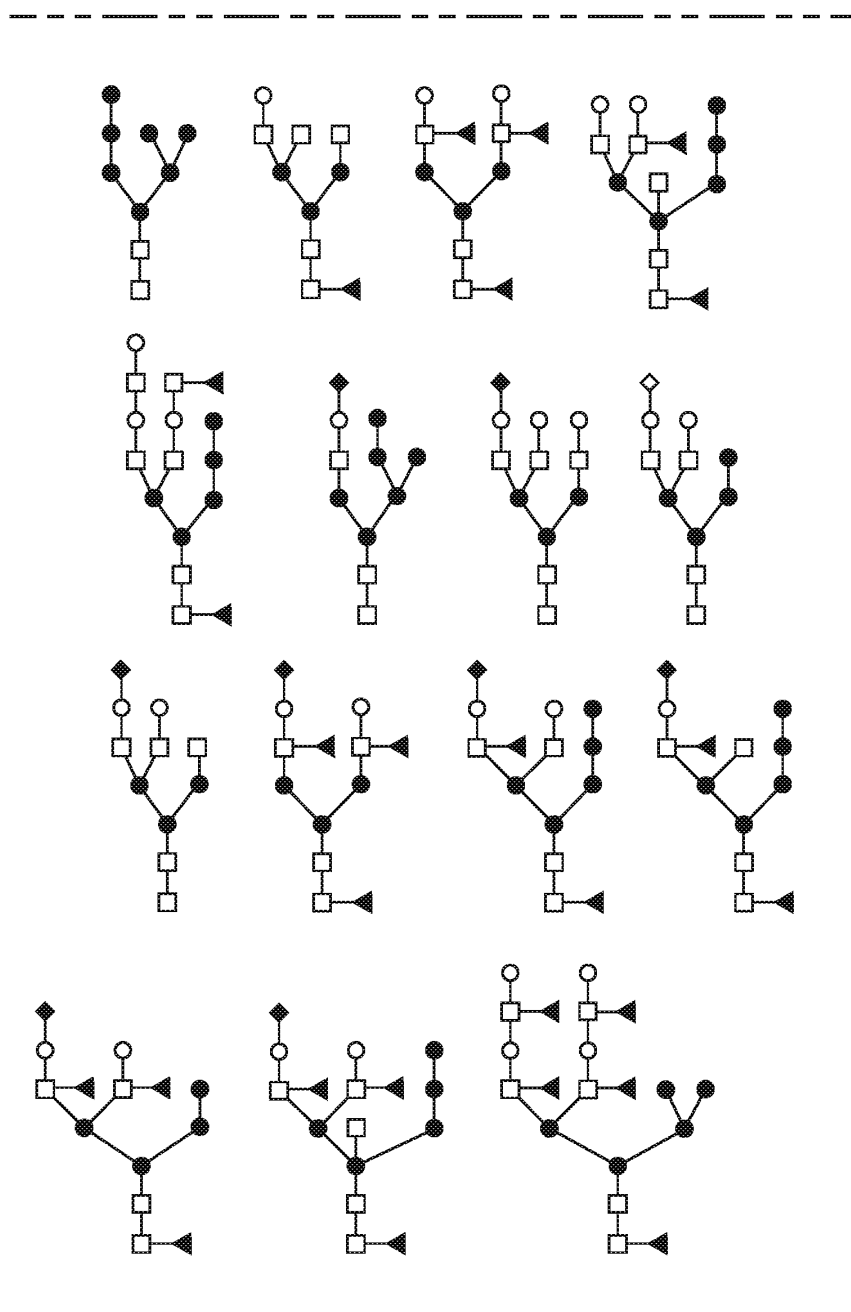
FIG. 7C

HeLa RNA glycans



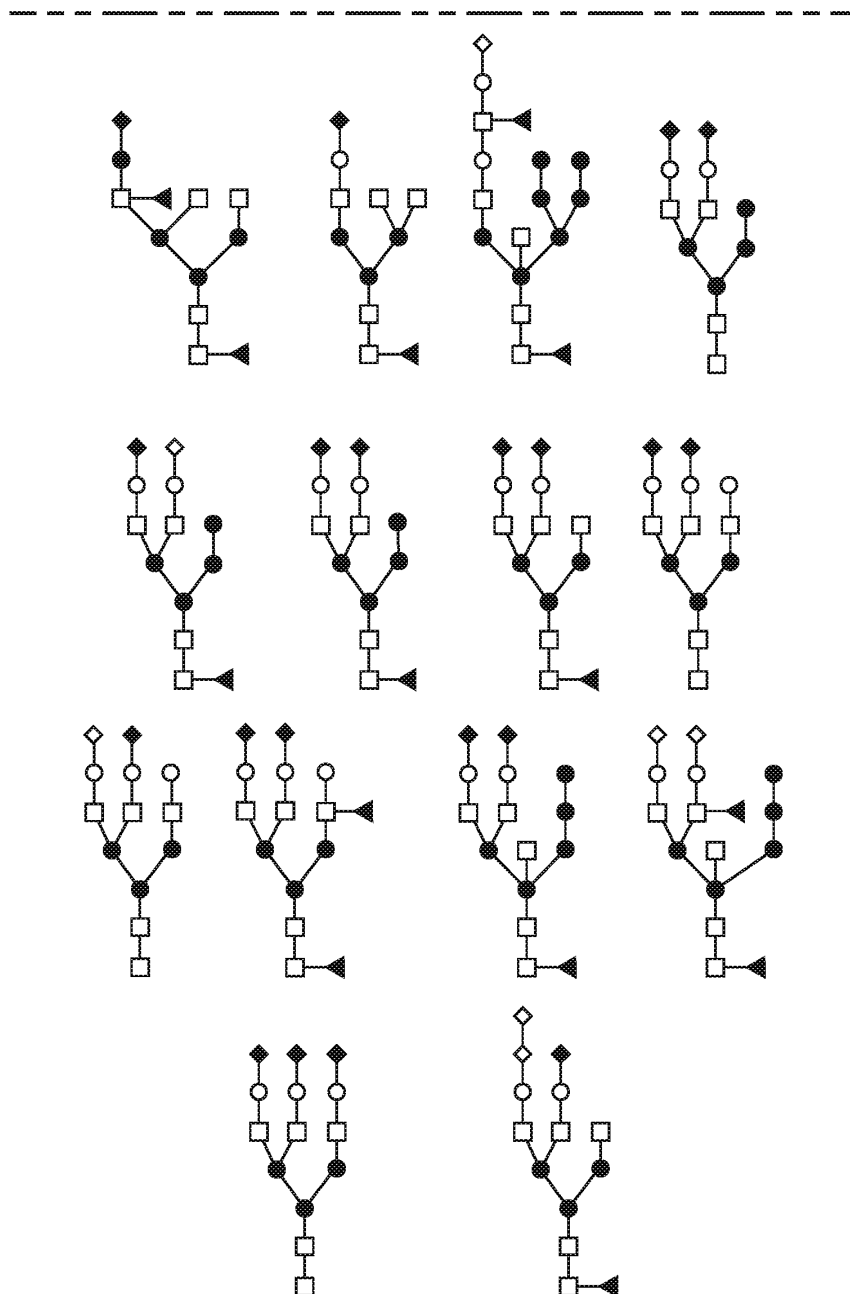
28/51

FIG. 7C (Cont.)



29/51

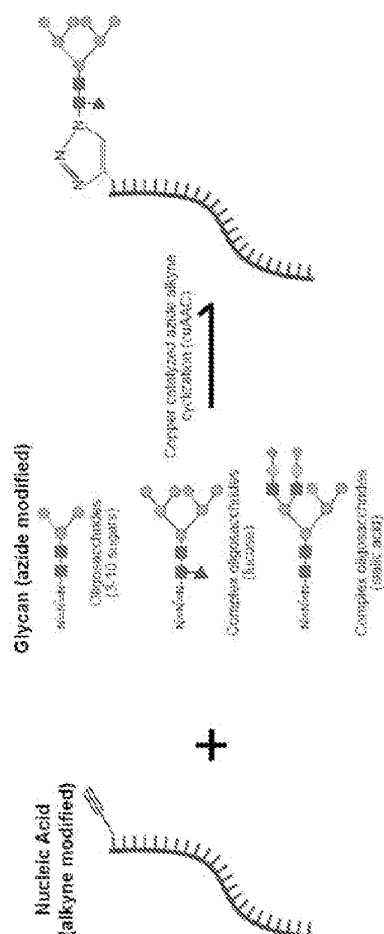
FIG. 7C (Cont.)



Putative structures based on *glycan composition*

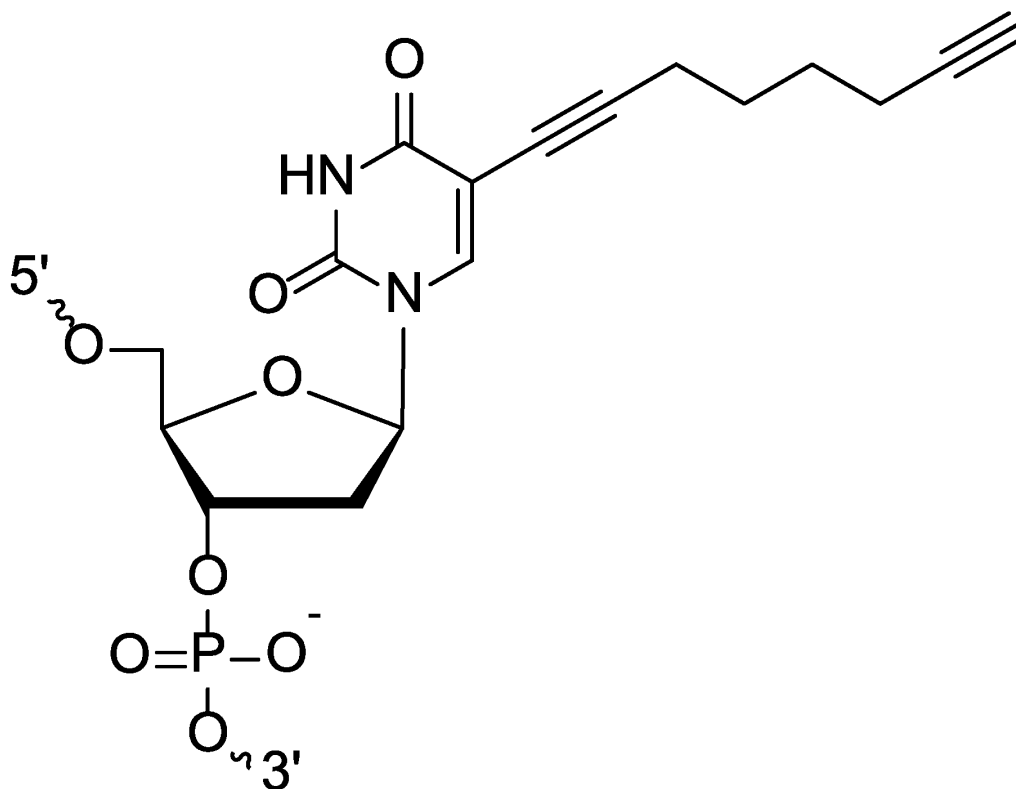
30/51

FIG. 8A



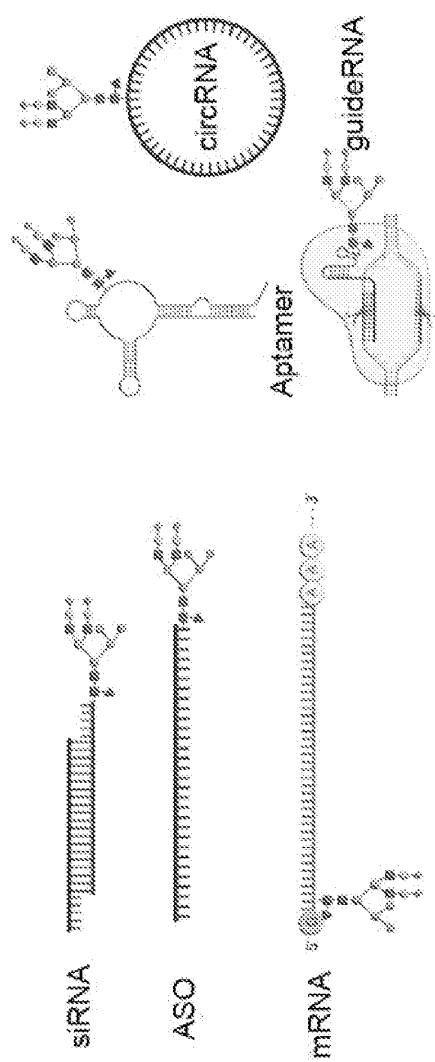
31/51

FIG. 8B



32/51

FIG. 9



33/51

FIG. 10A

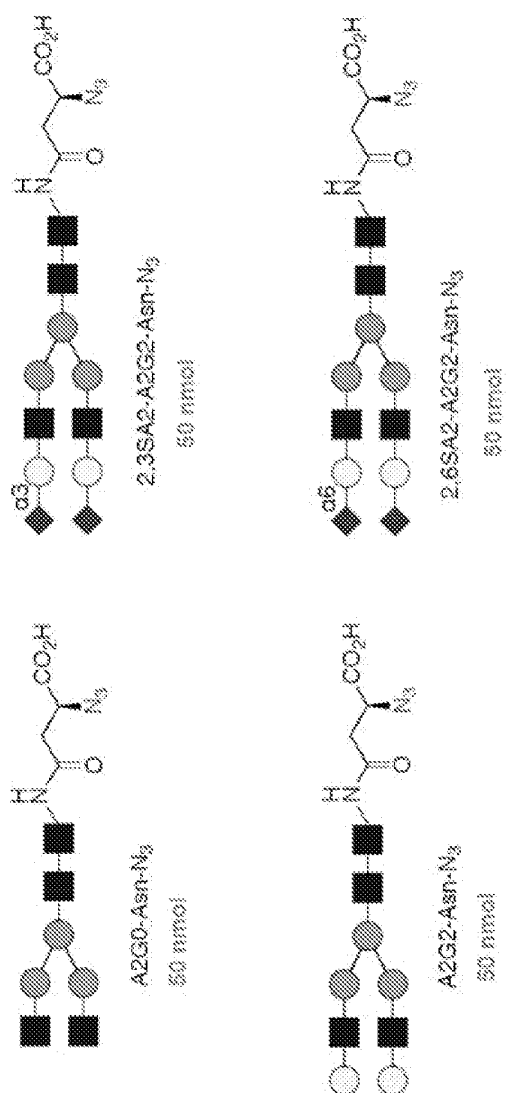


FIG. 10B

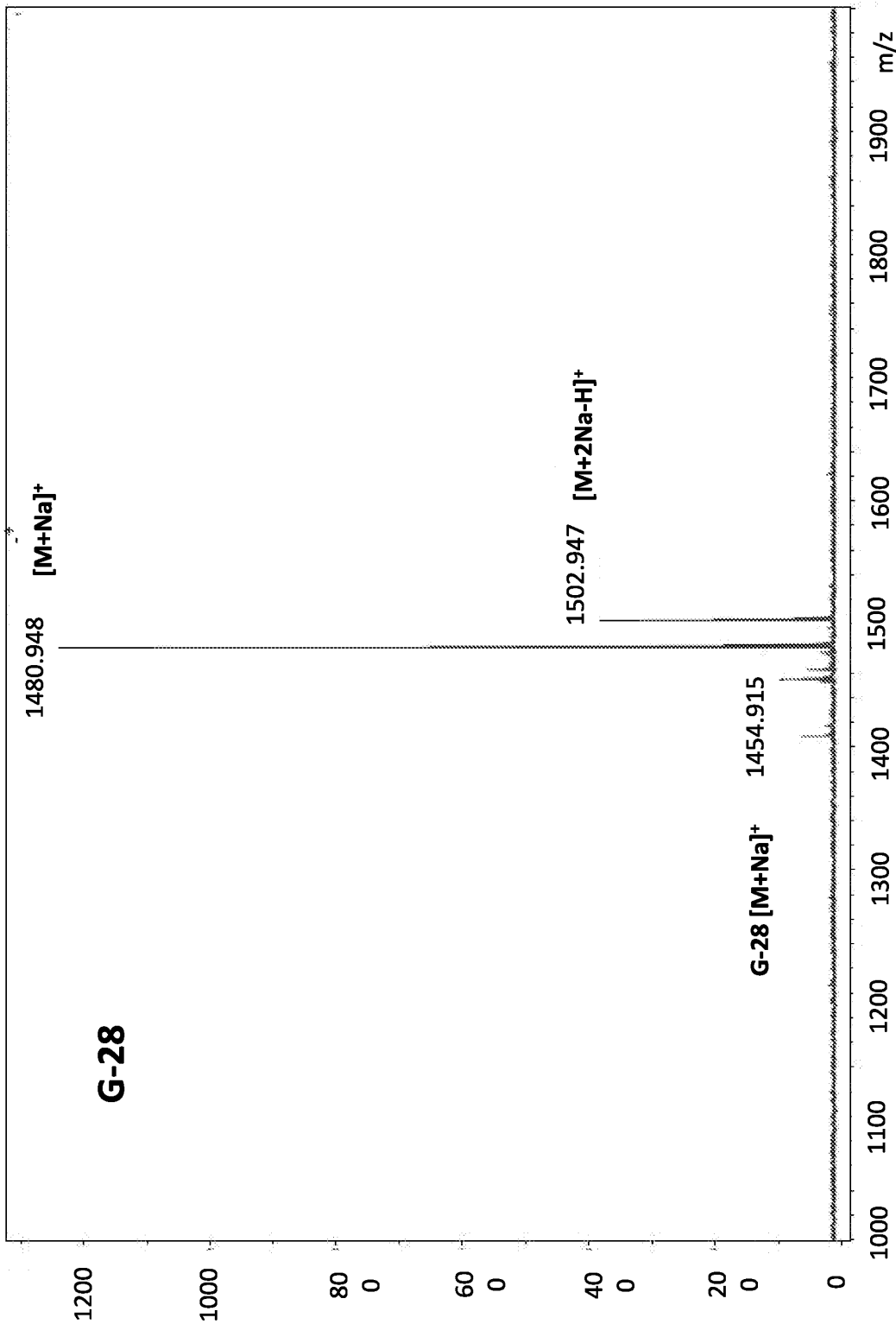
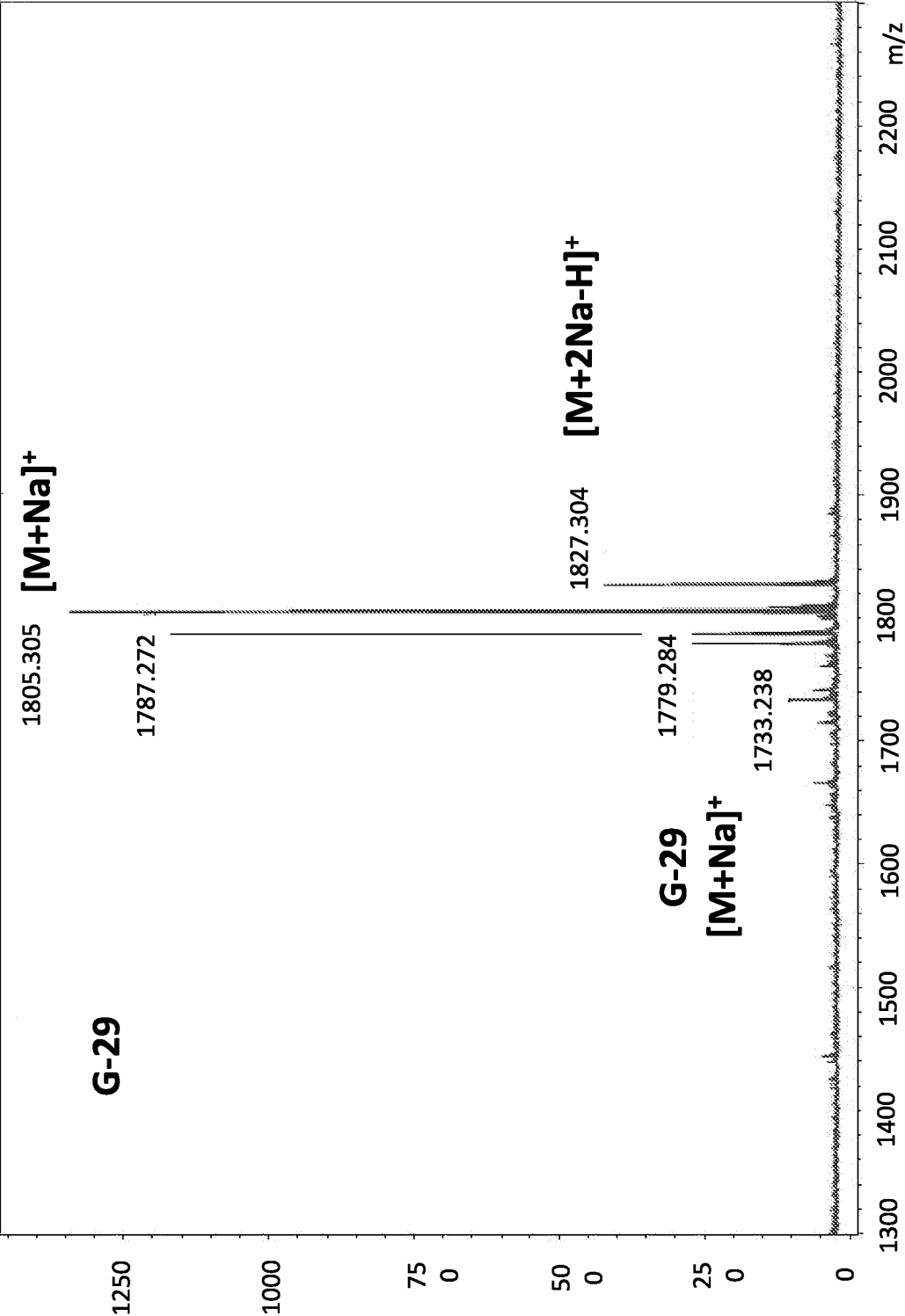


FIG. 10C



36/51
FIG. 10D

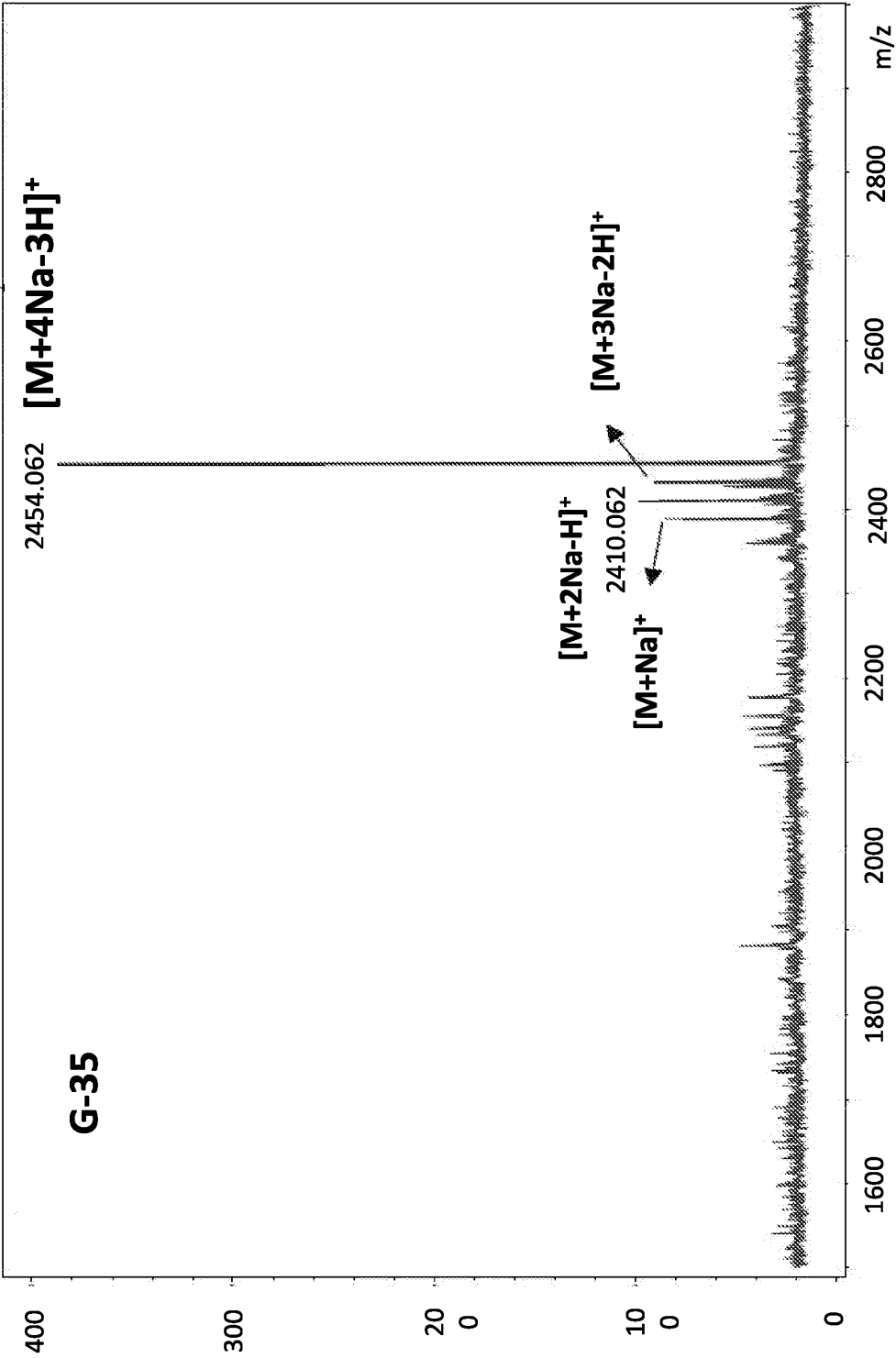


FIG. 10E

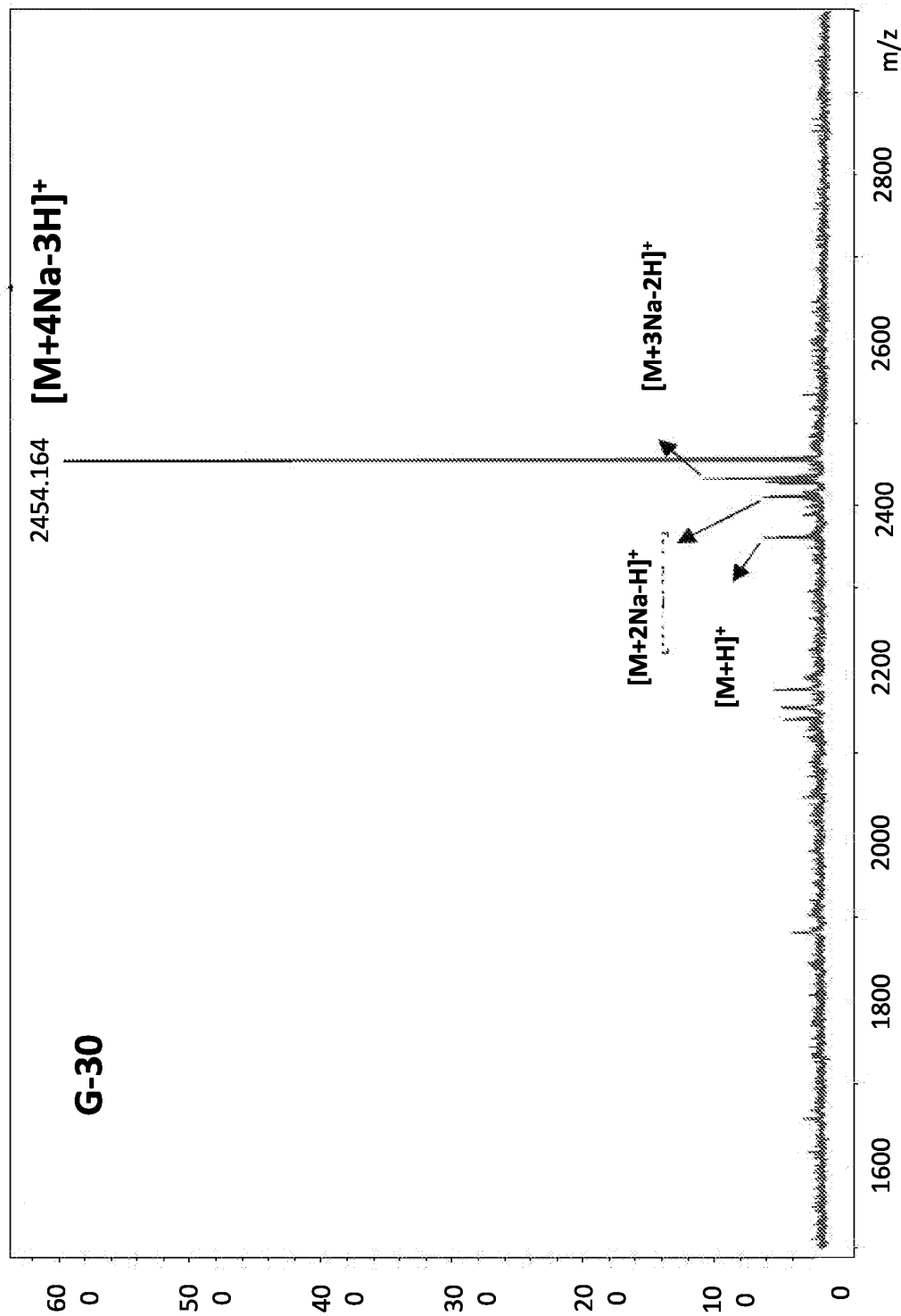


FIG. 11

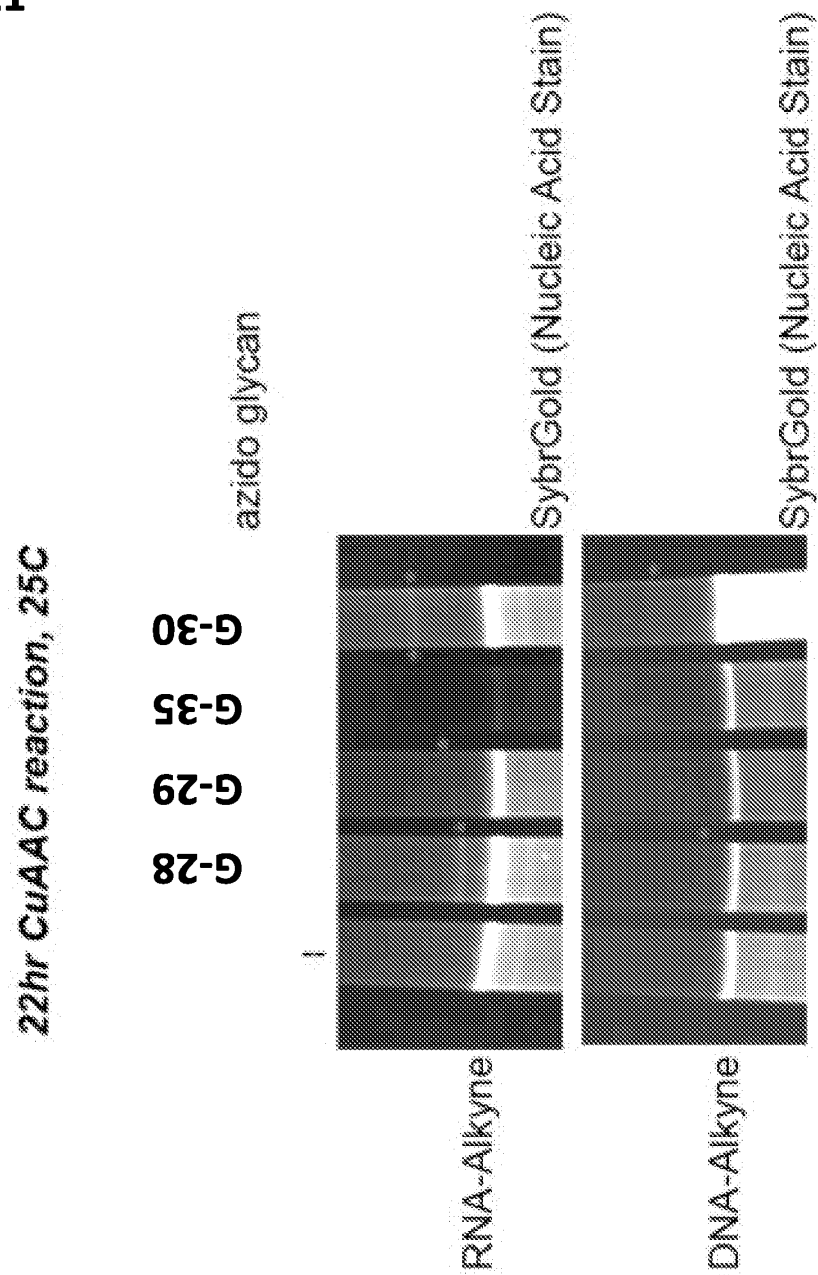
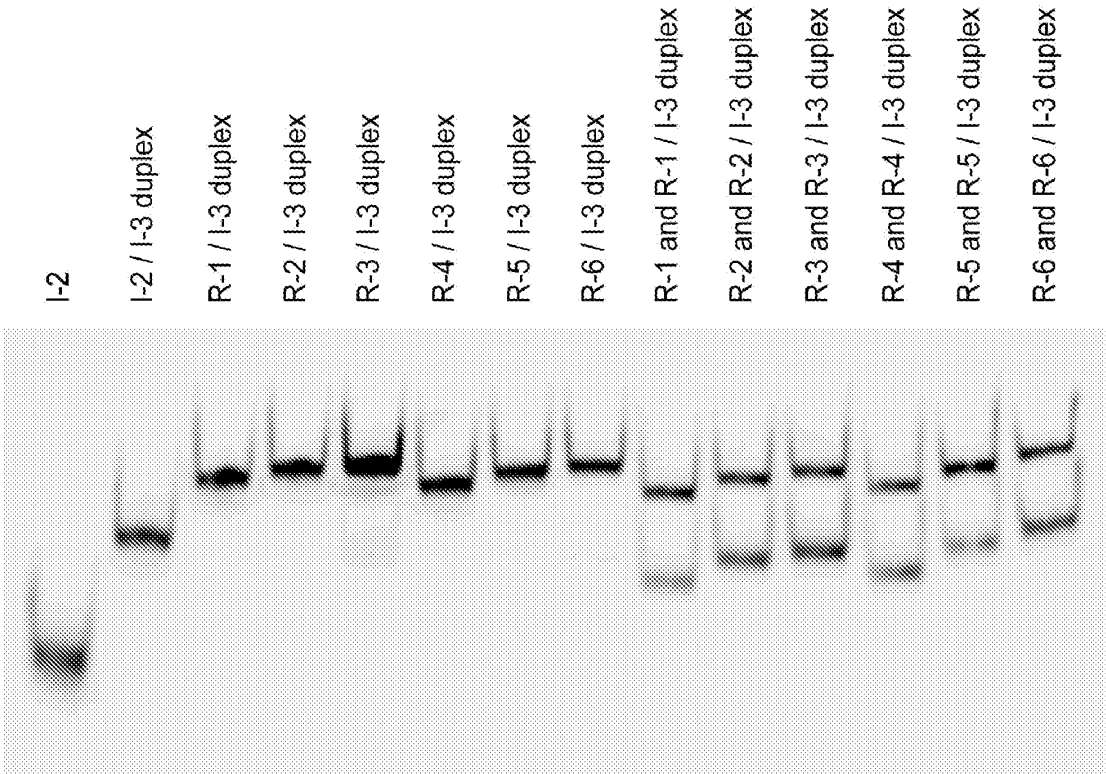
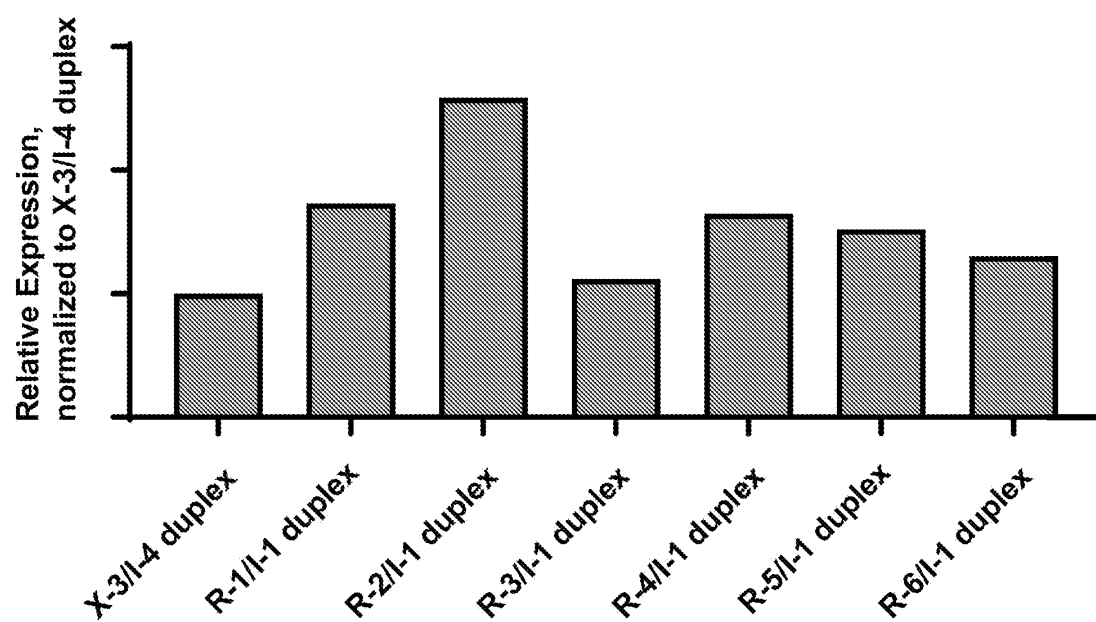


FIG. 12



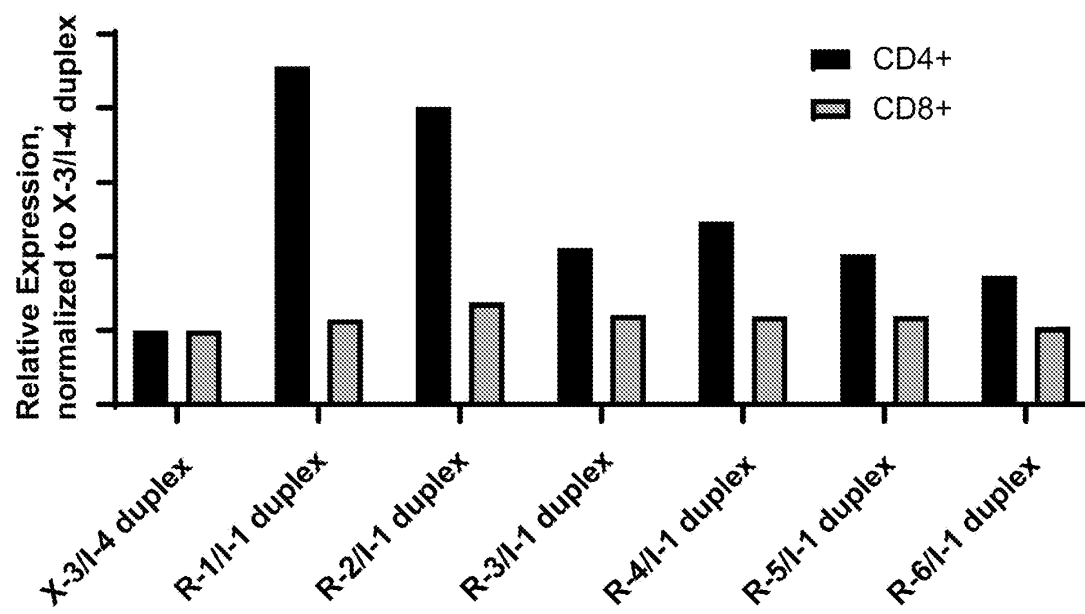
40/51

FIG. 13A



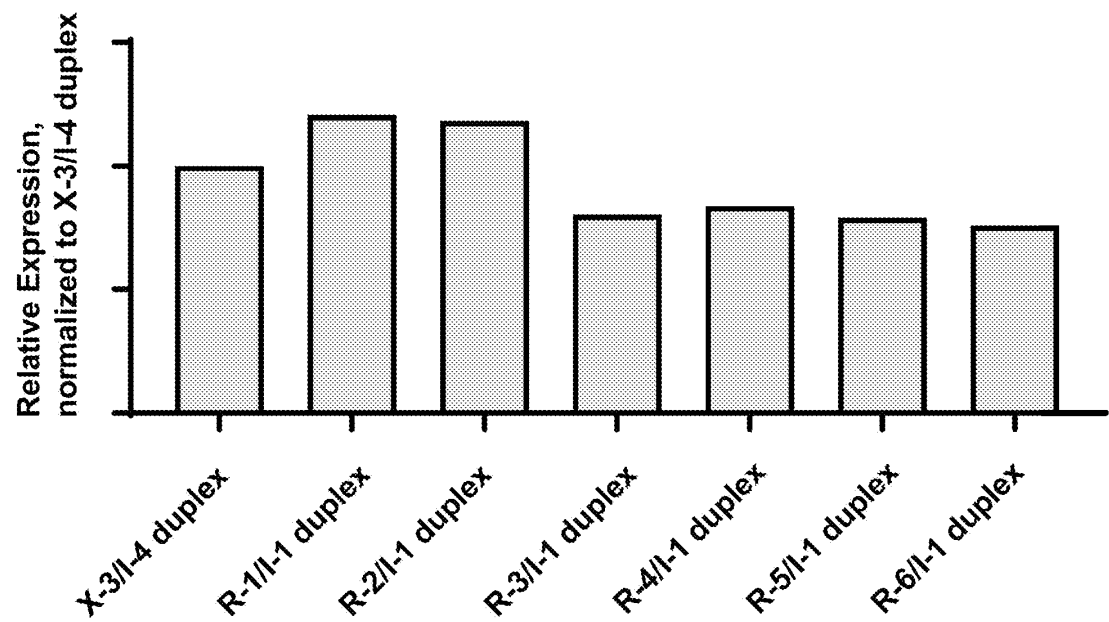
41/51

FIG. 13B



42/51

FIG. 13C



43/51

FIG. 14

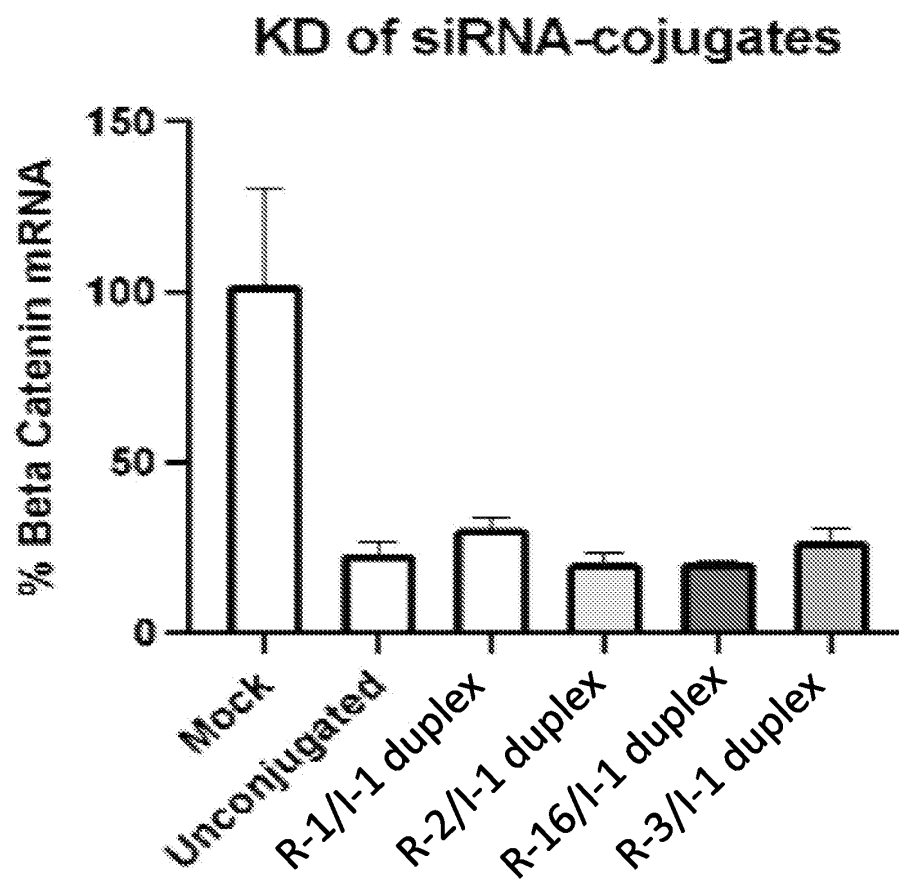


FIG. 15A

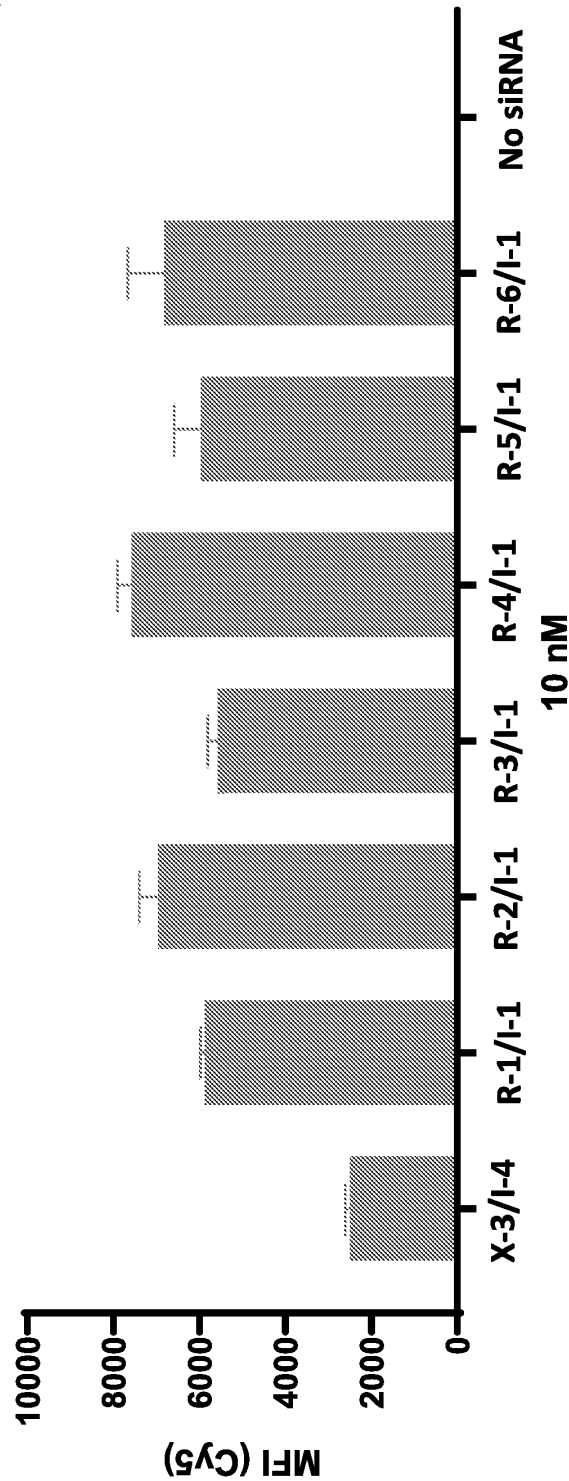
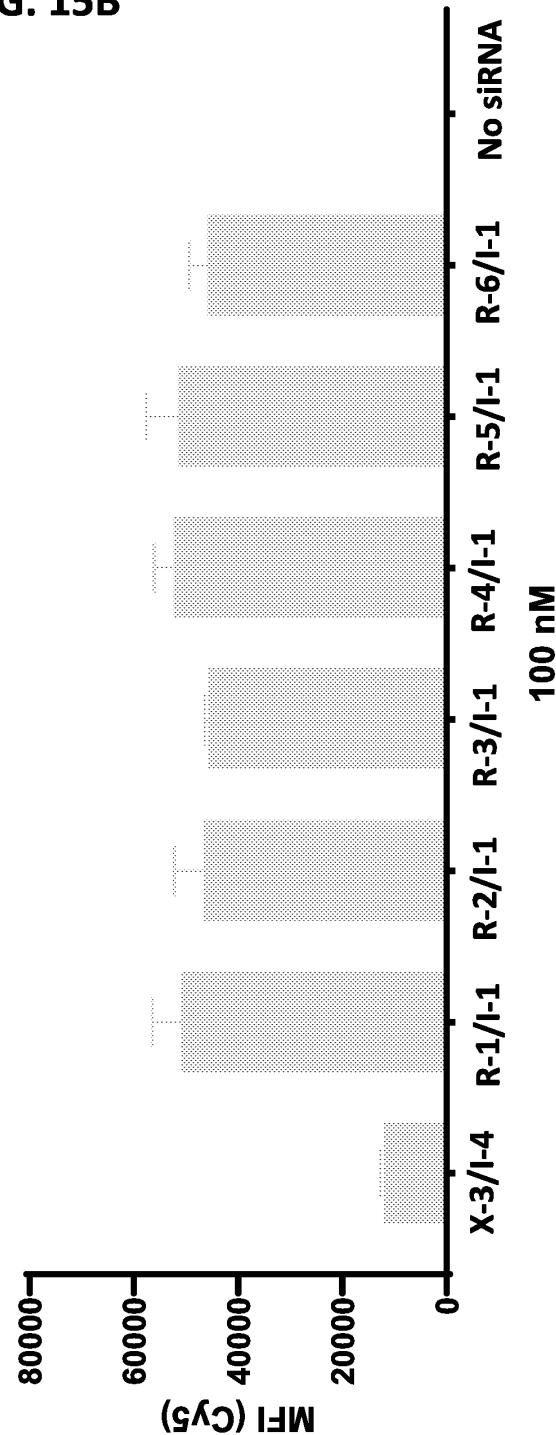
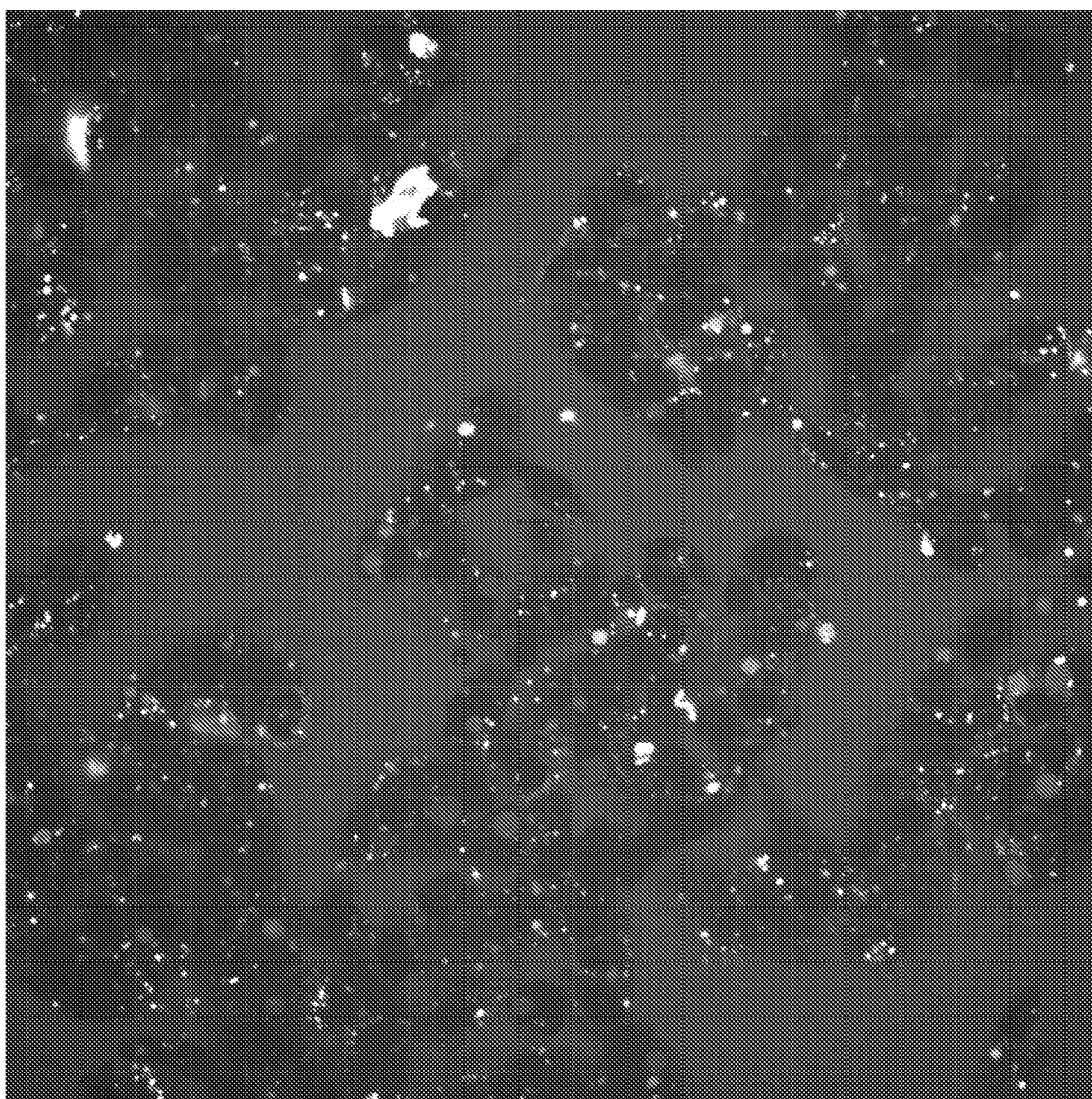


FIG. 15B



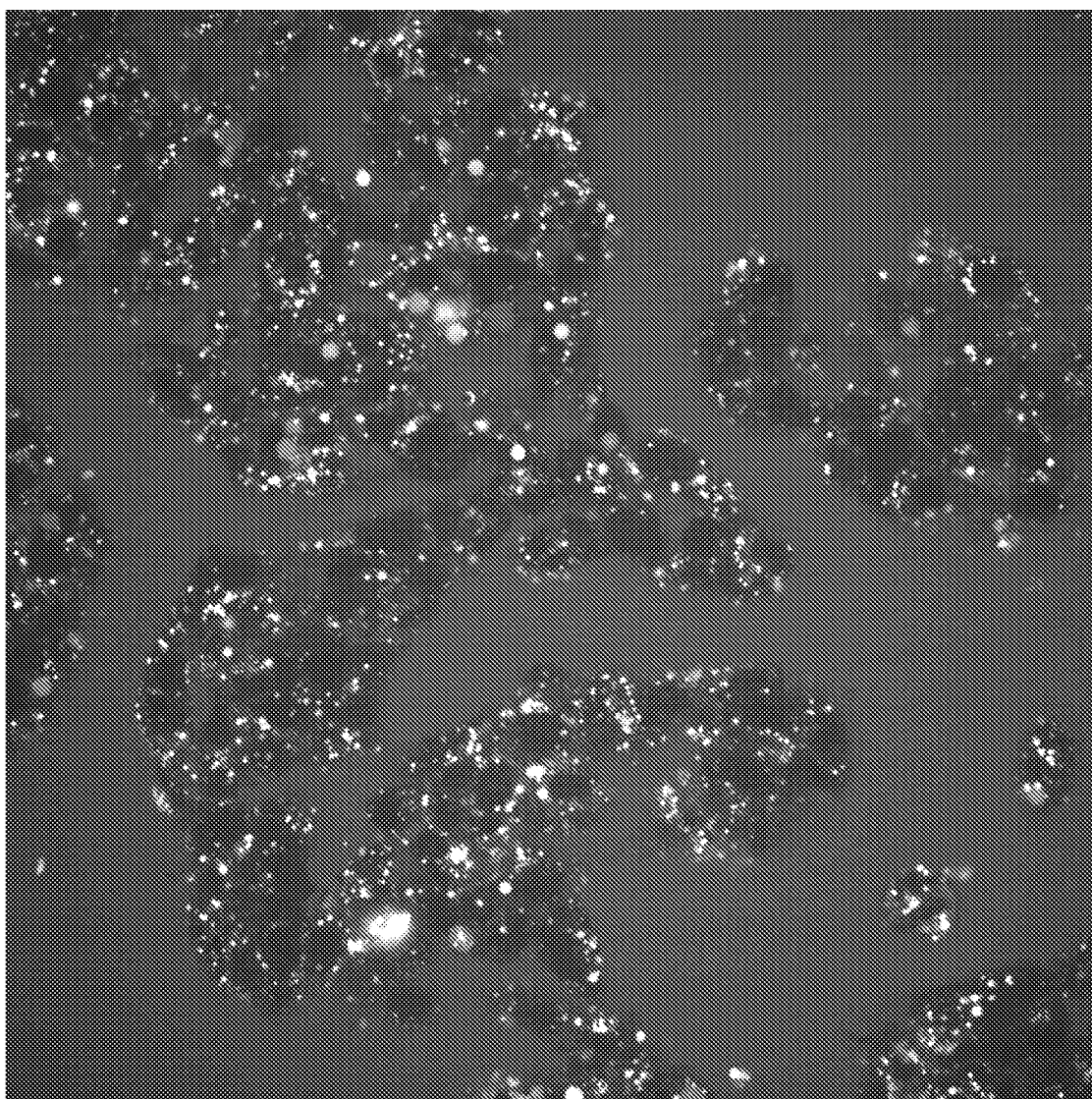
46/51

FIG. 16A



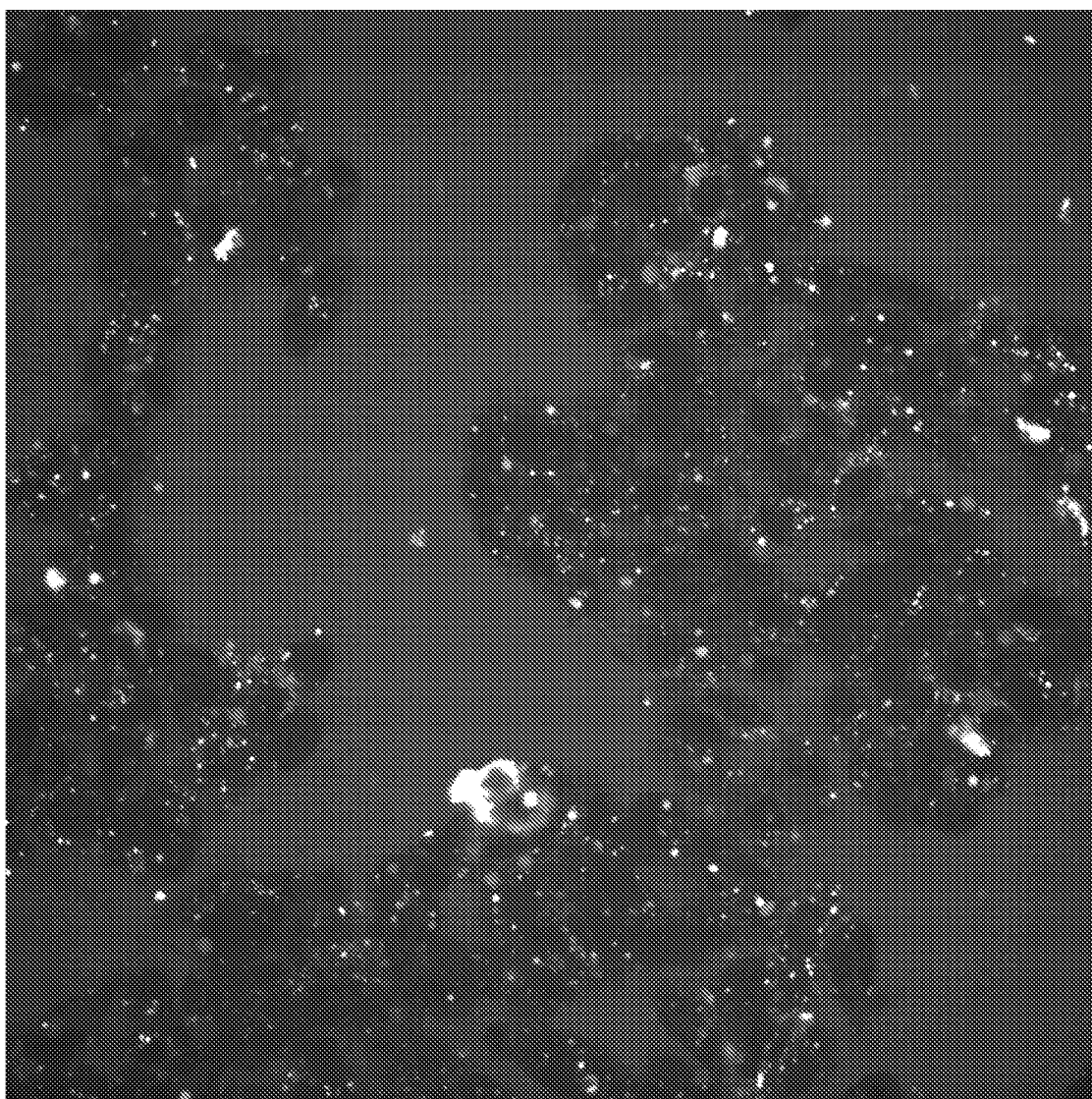
47/51

FIG. 16B



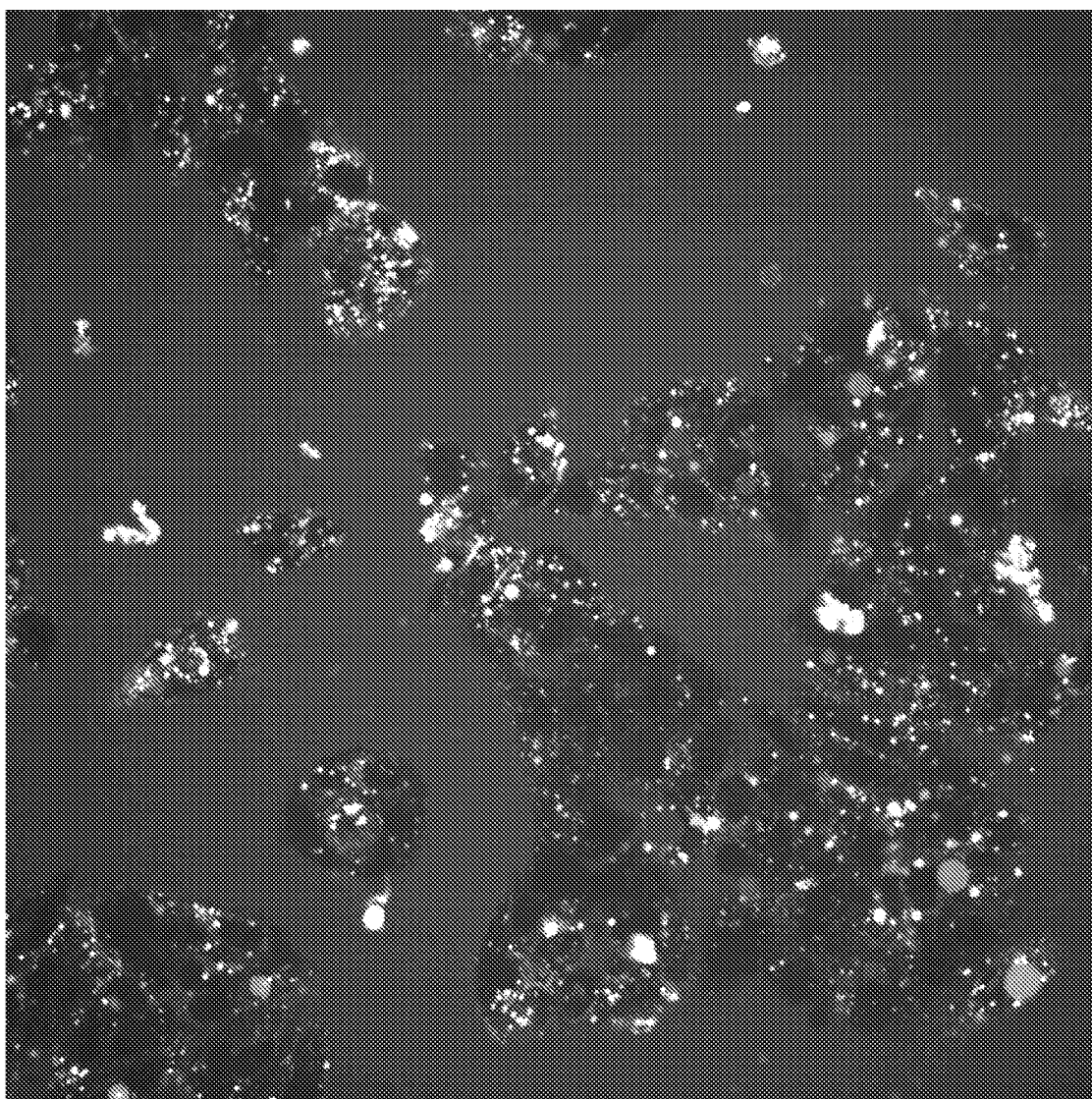
48/51

FIG. 16C



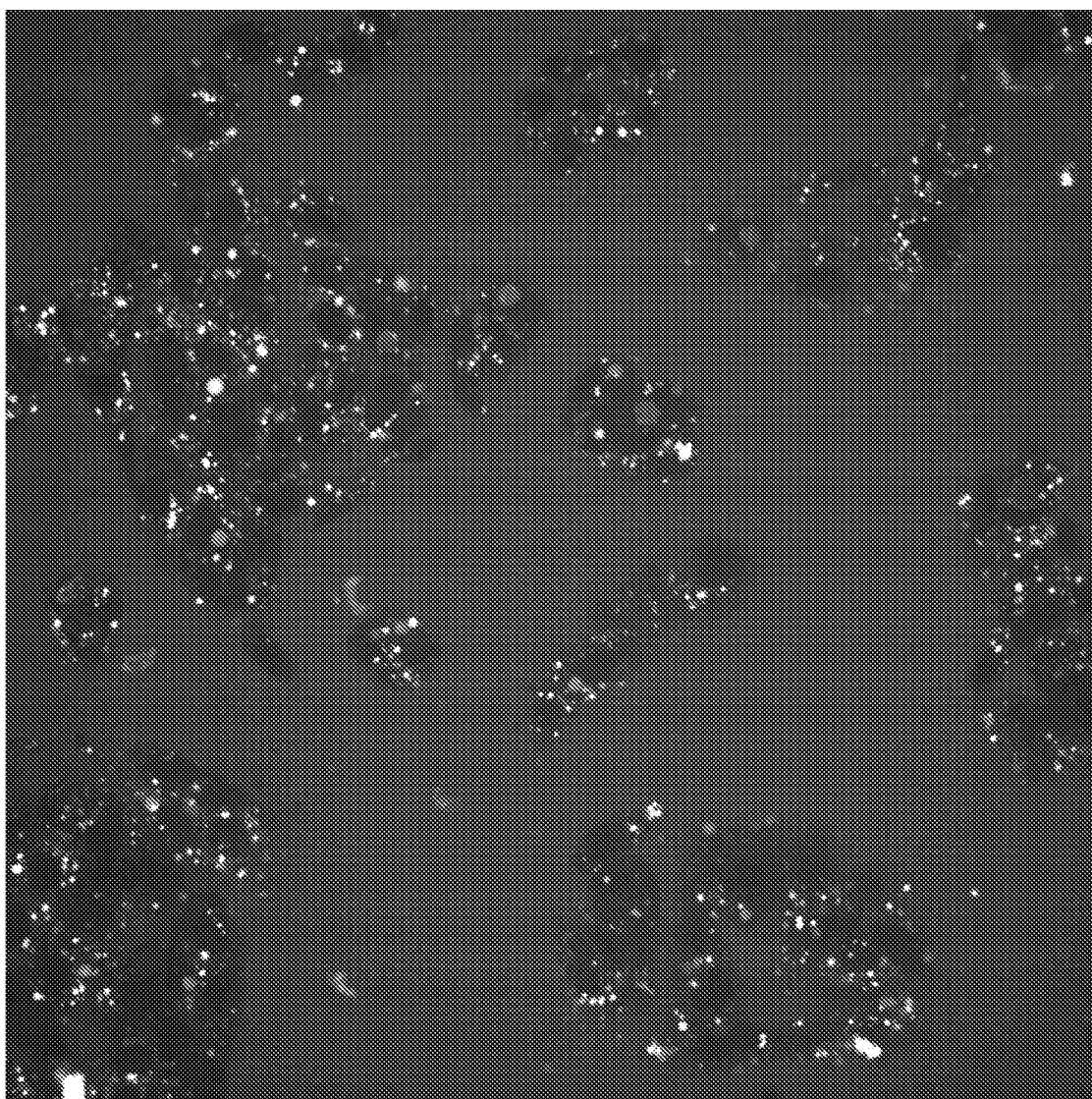
49/51

FIG. 16D



50/51

FIG. 16E



51/51

FIG. 16F

