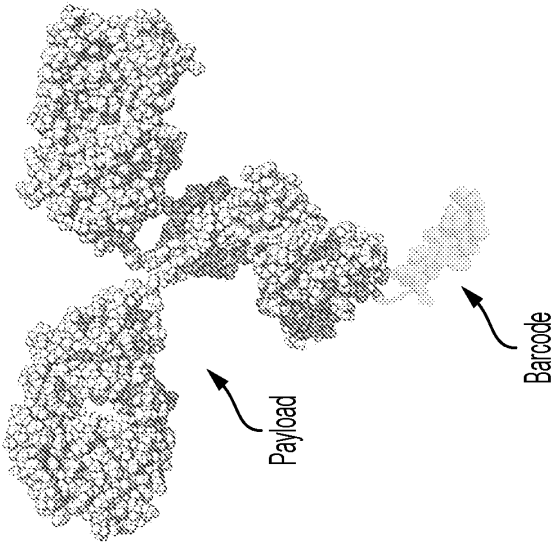


barcoded payload



DNA encoding a barcoded payload



FIG. 1A

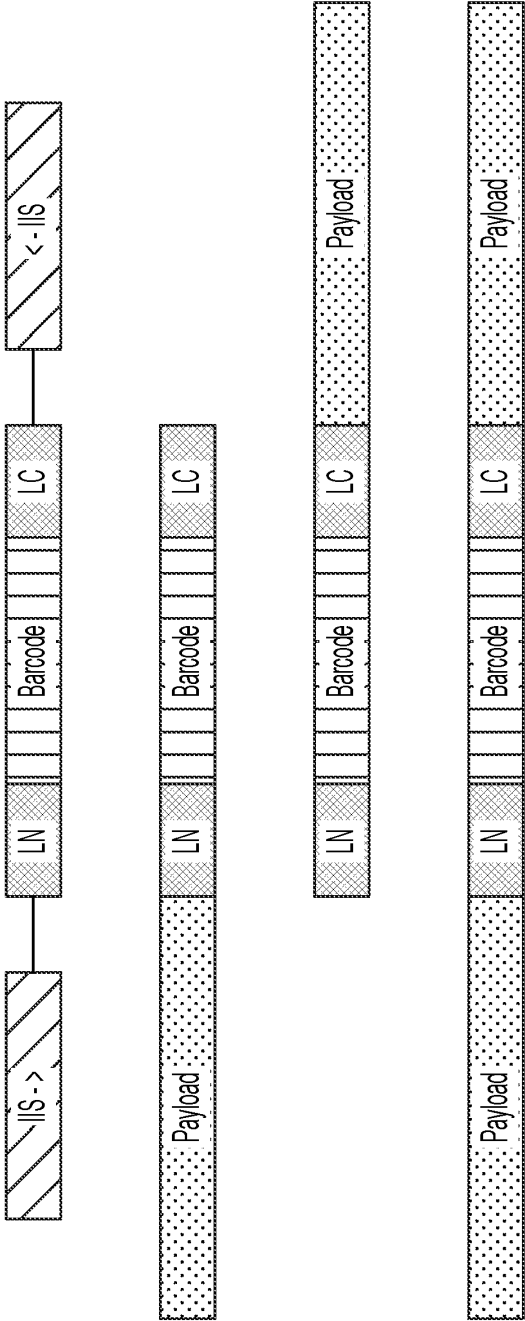


FIG. 1B

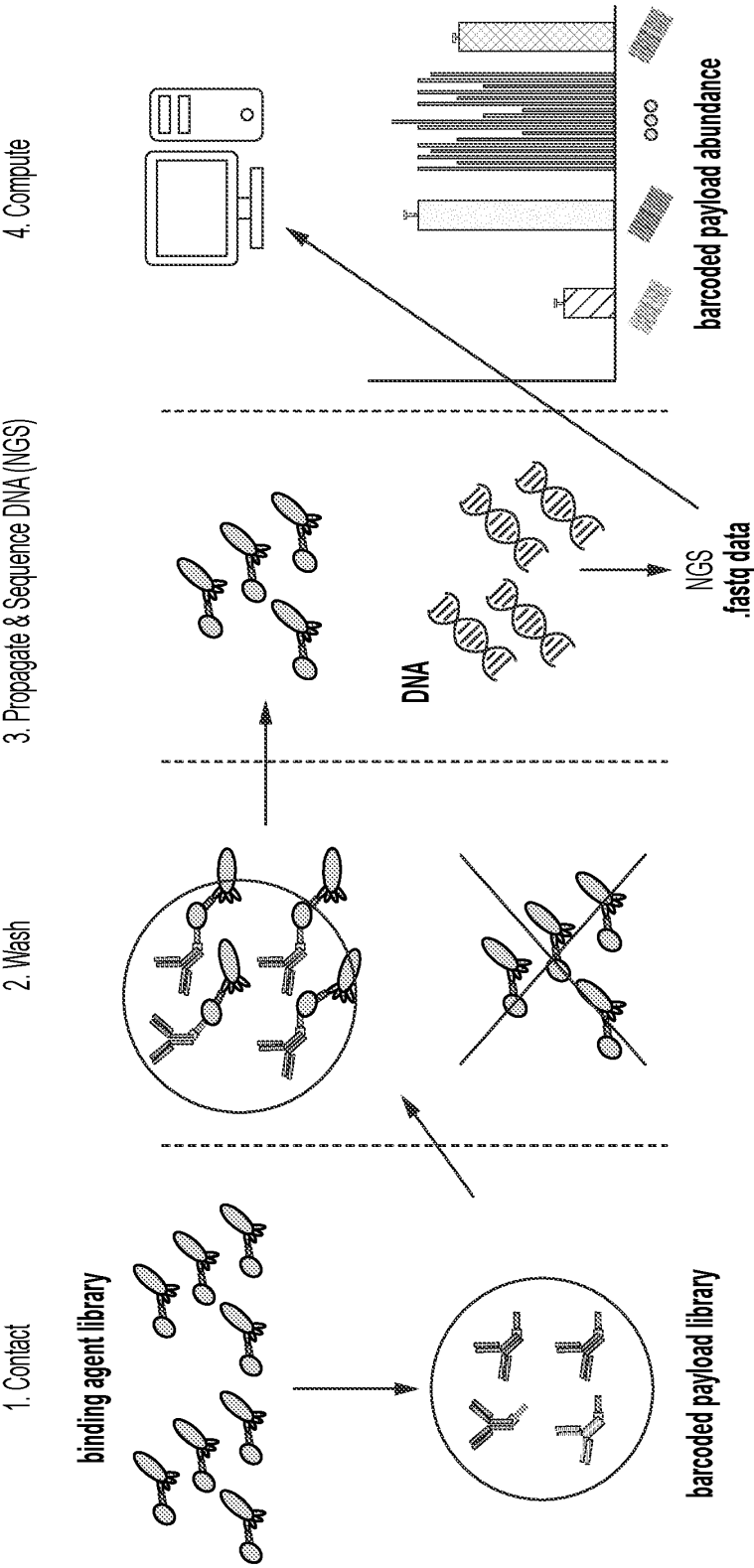


FIG. 2

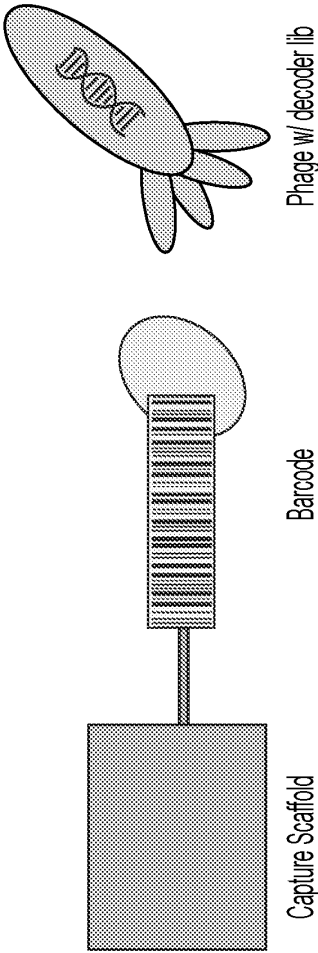


FIG. 3A

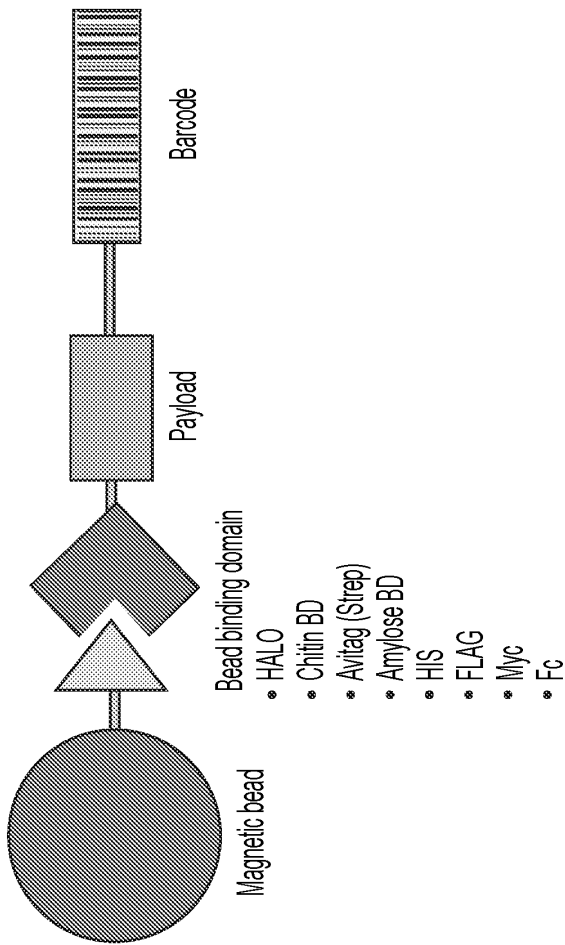


FIG. 3B

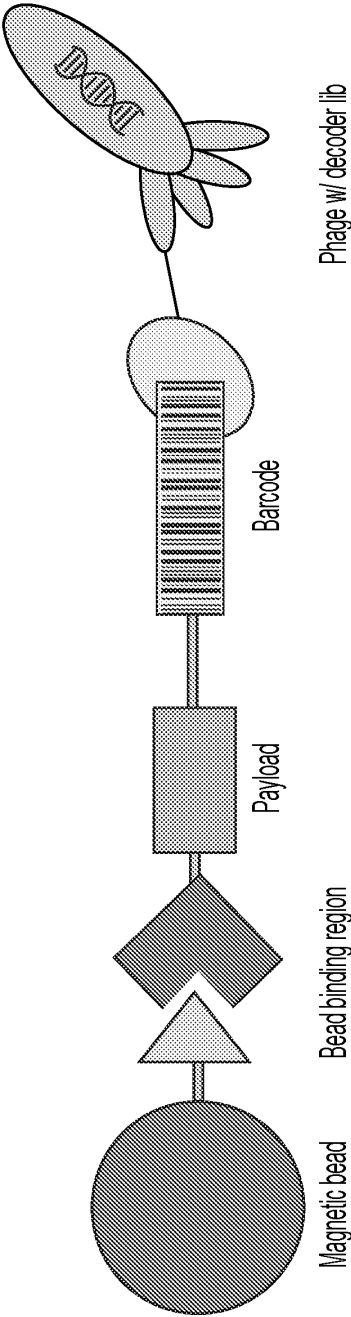


FIG. 3C

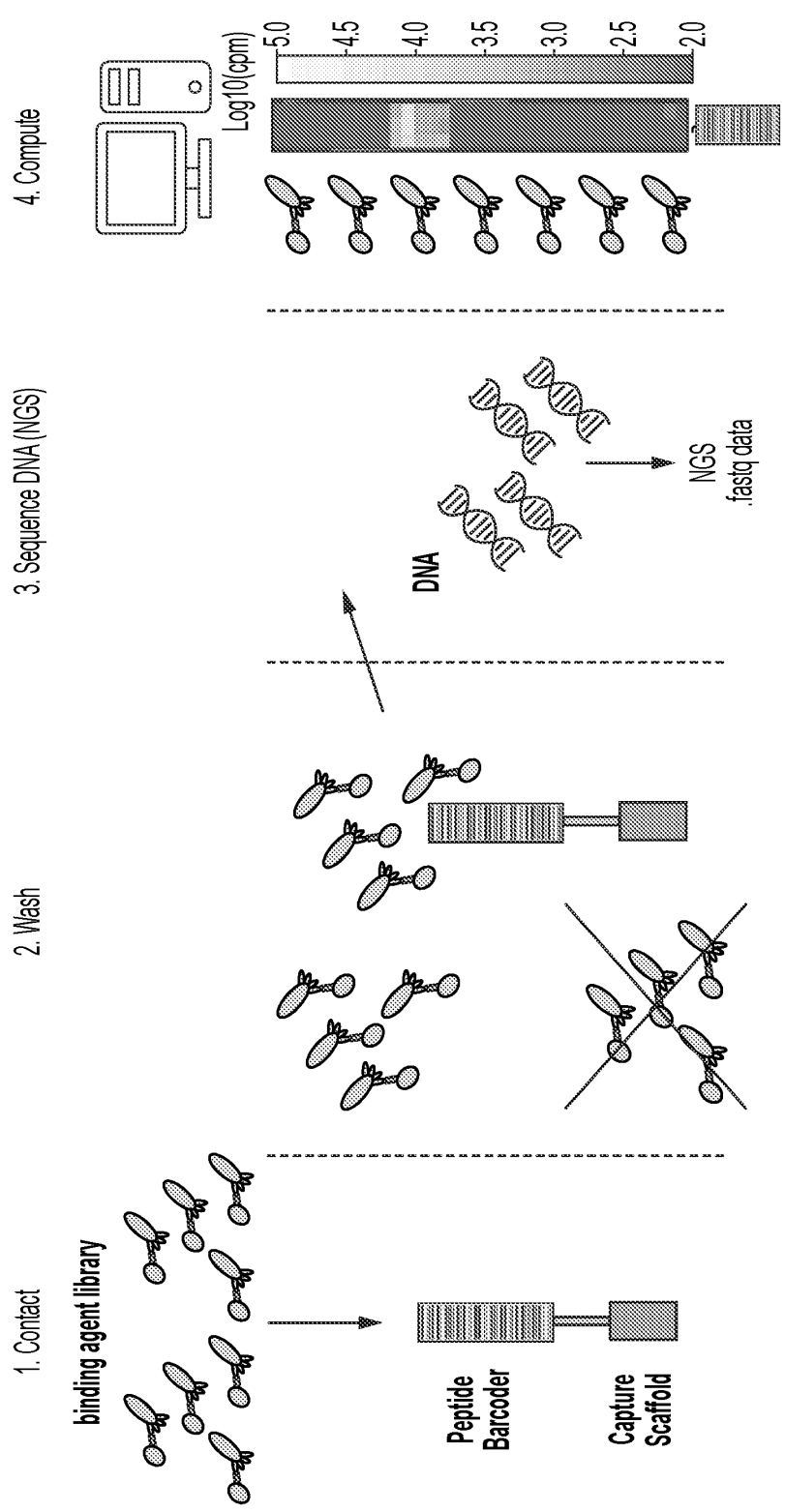


FIG. 4

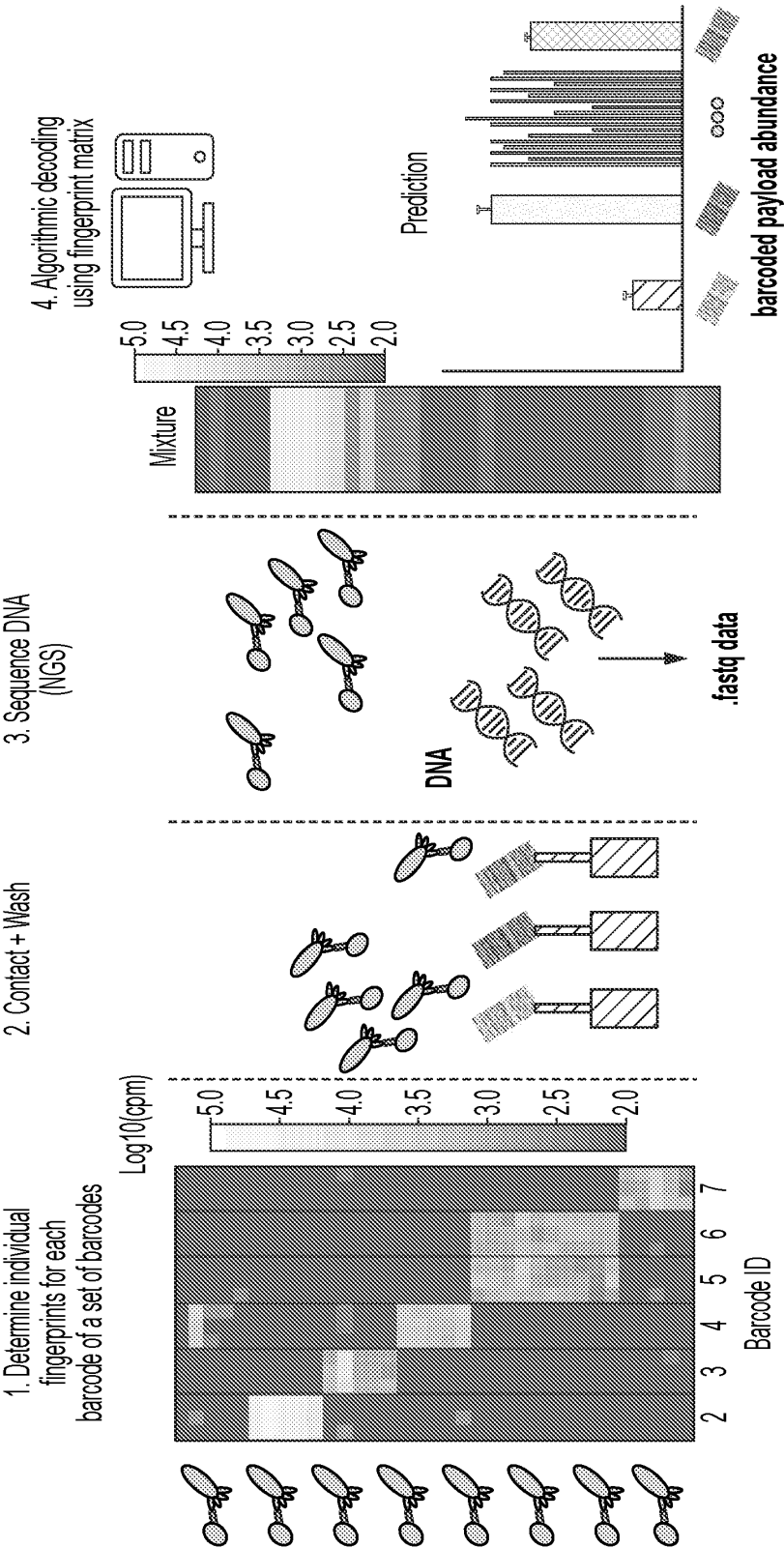


FIG. 5

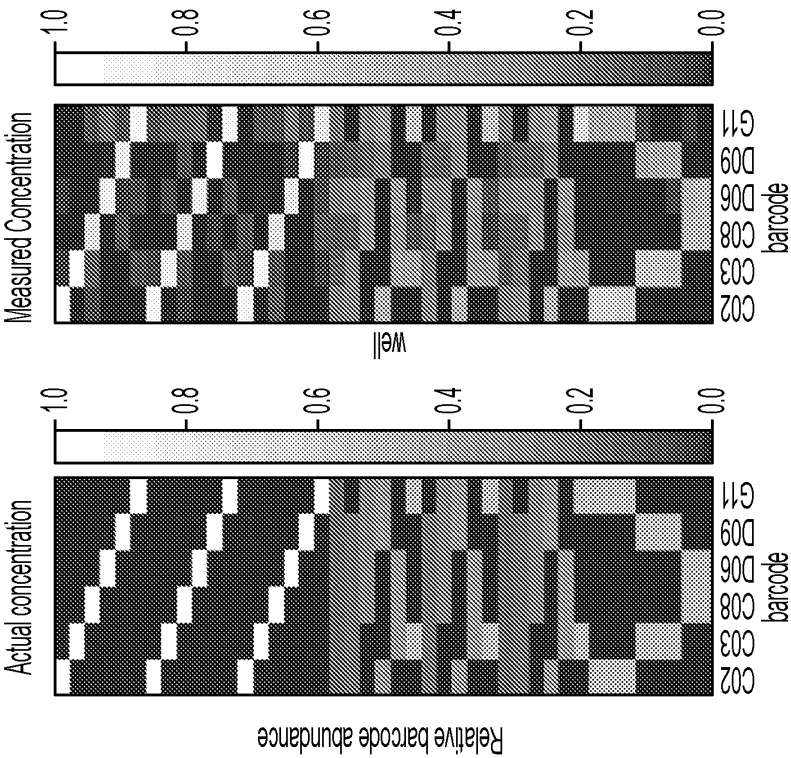


FIG. 6A

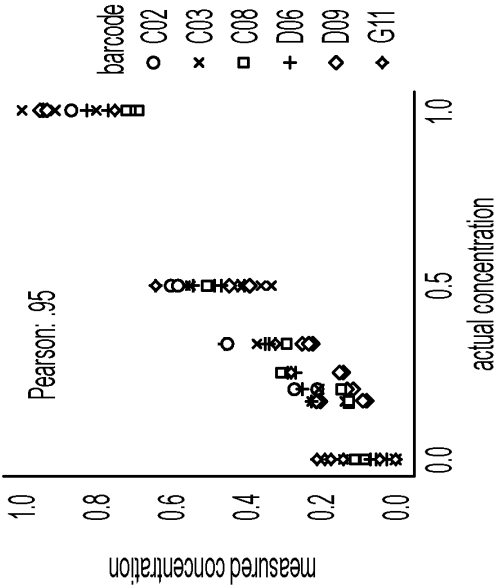
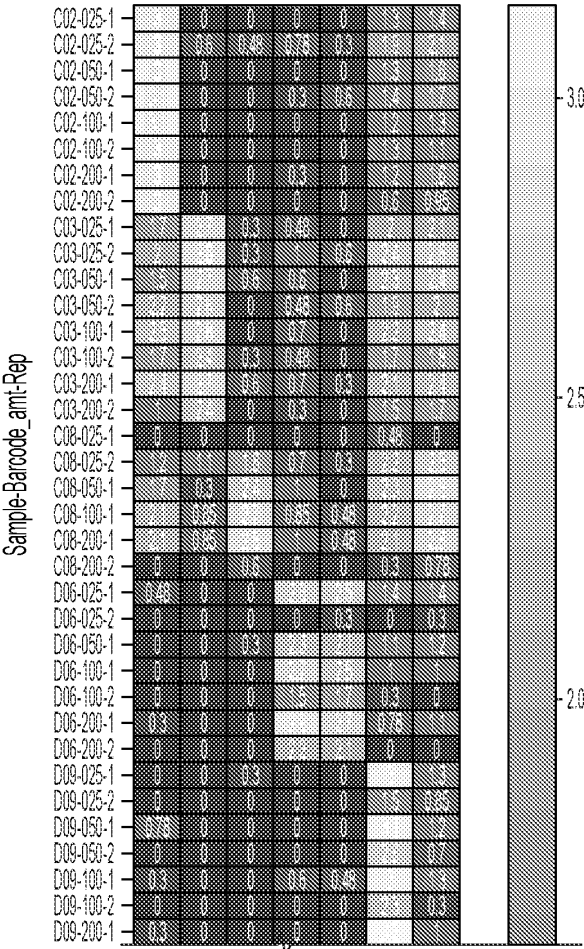


FIG. 6B



To FIG. 6C Continued

FIG. 6C

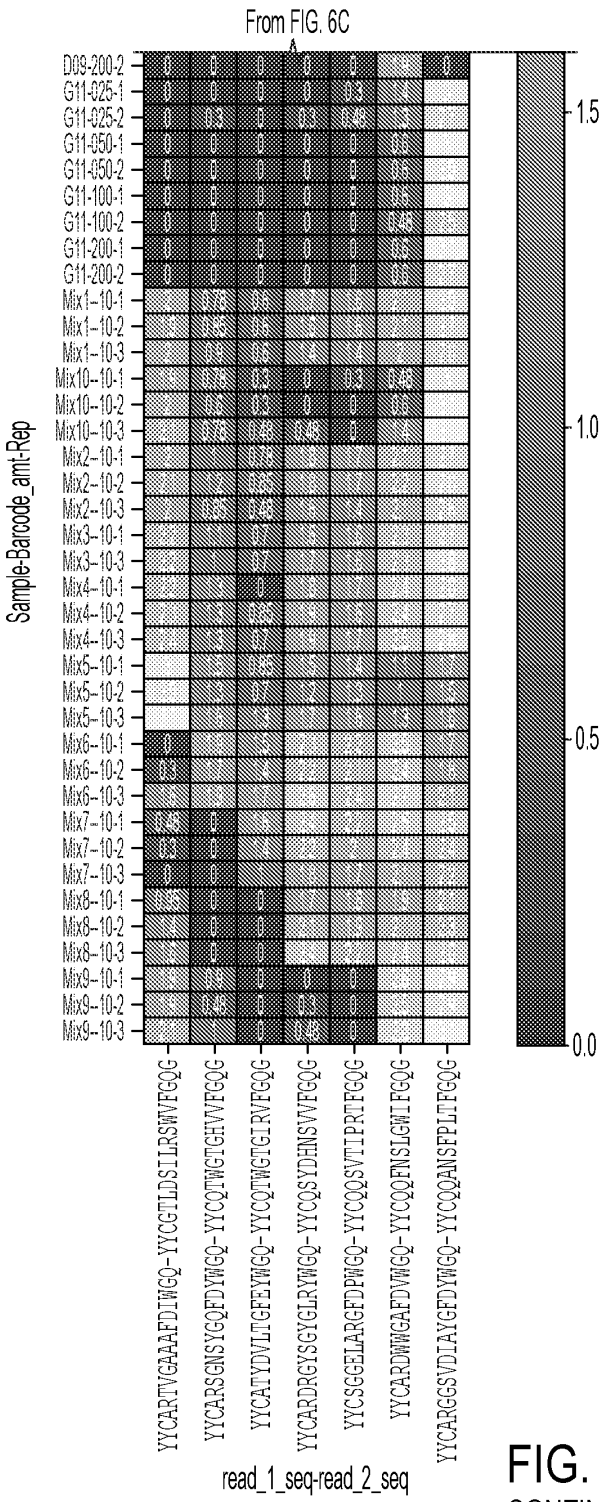
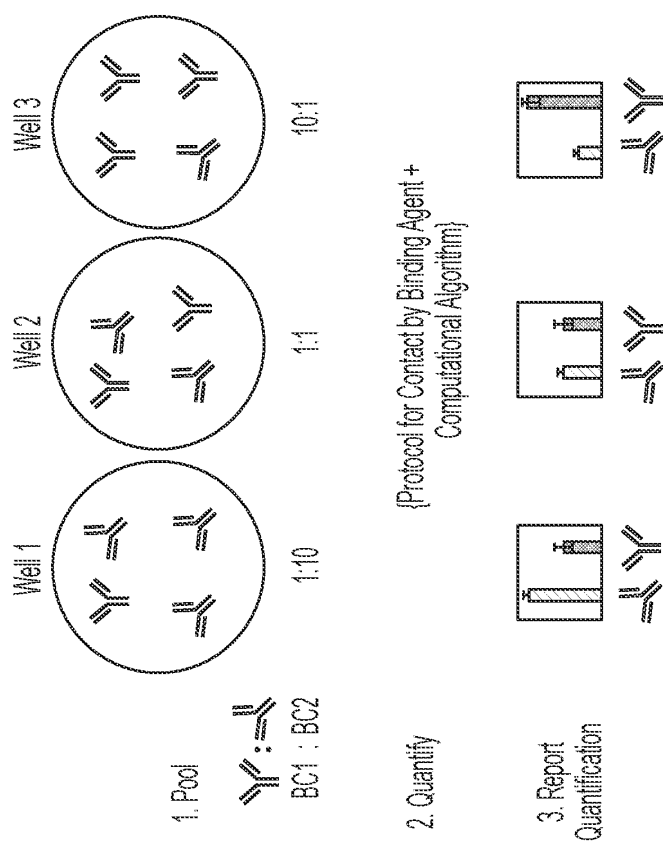
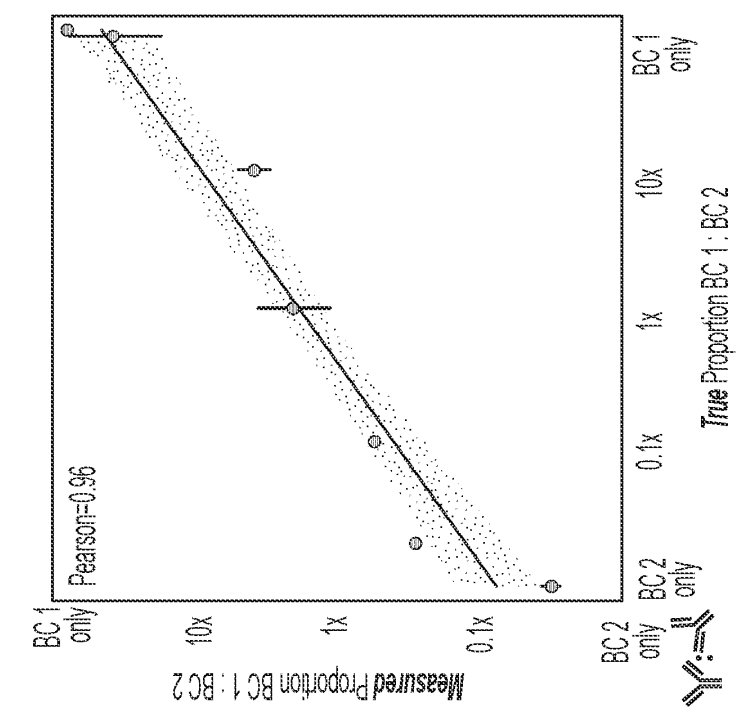


FIG. 6C
CONTINUED



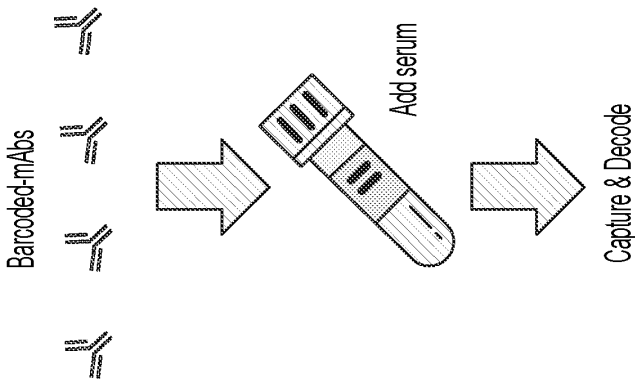


FIG. 8A

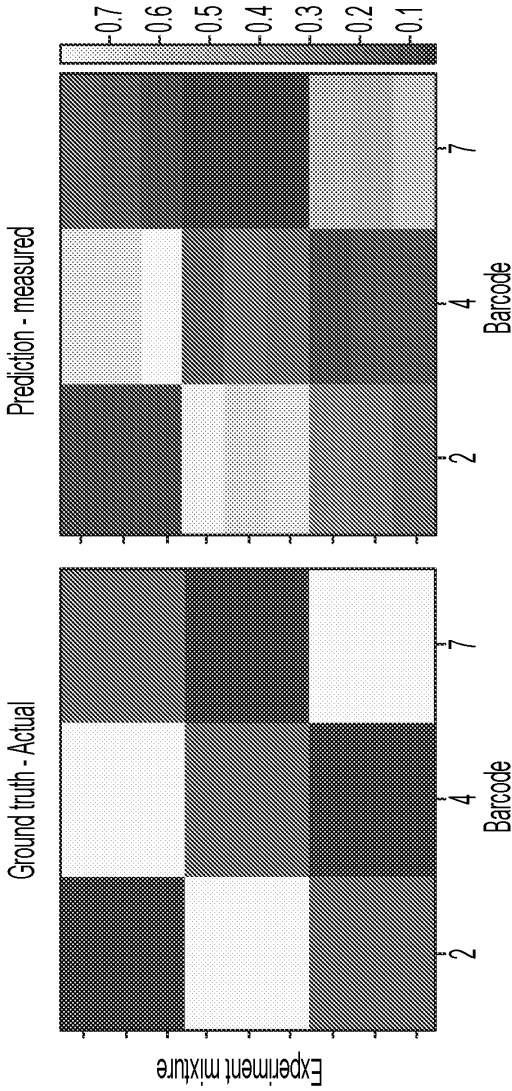


FIG. 8B

spearman corr: 0.926 pval: 4.51e-12

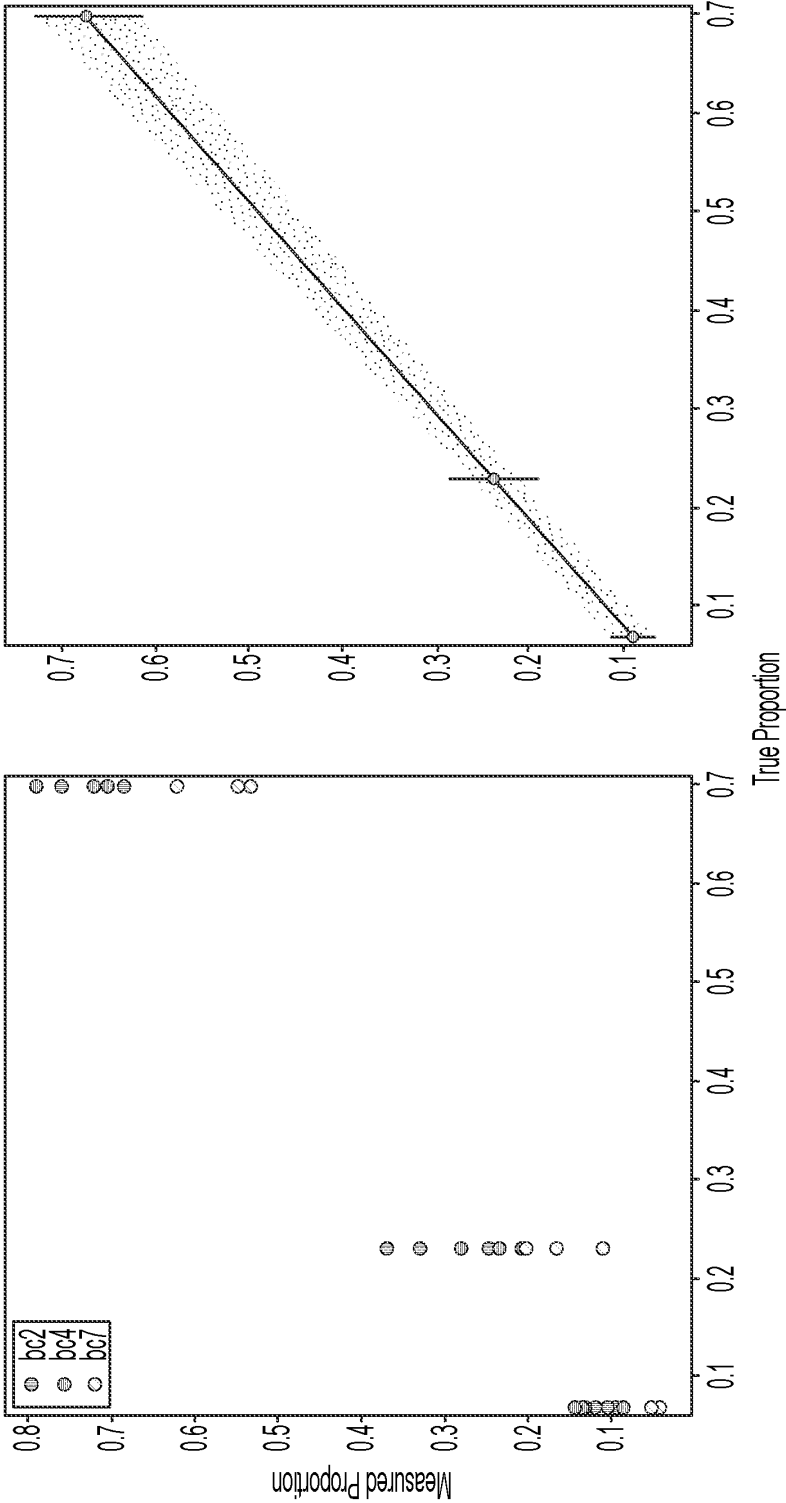


FIG. 8C

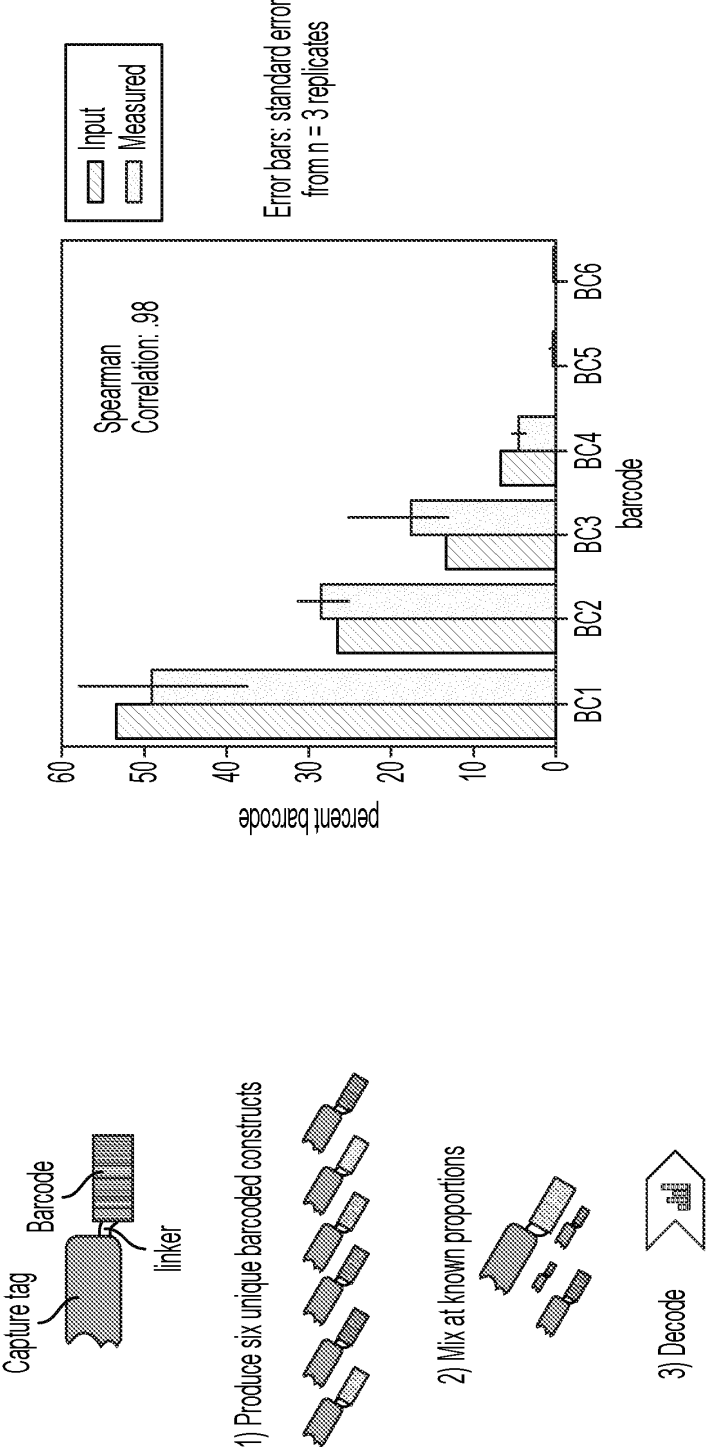
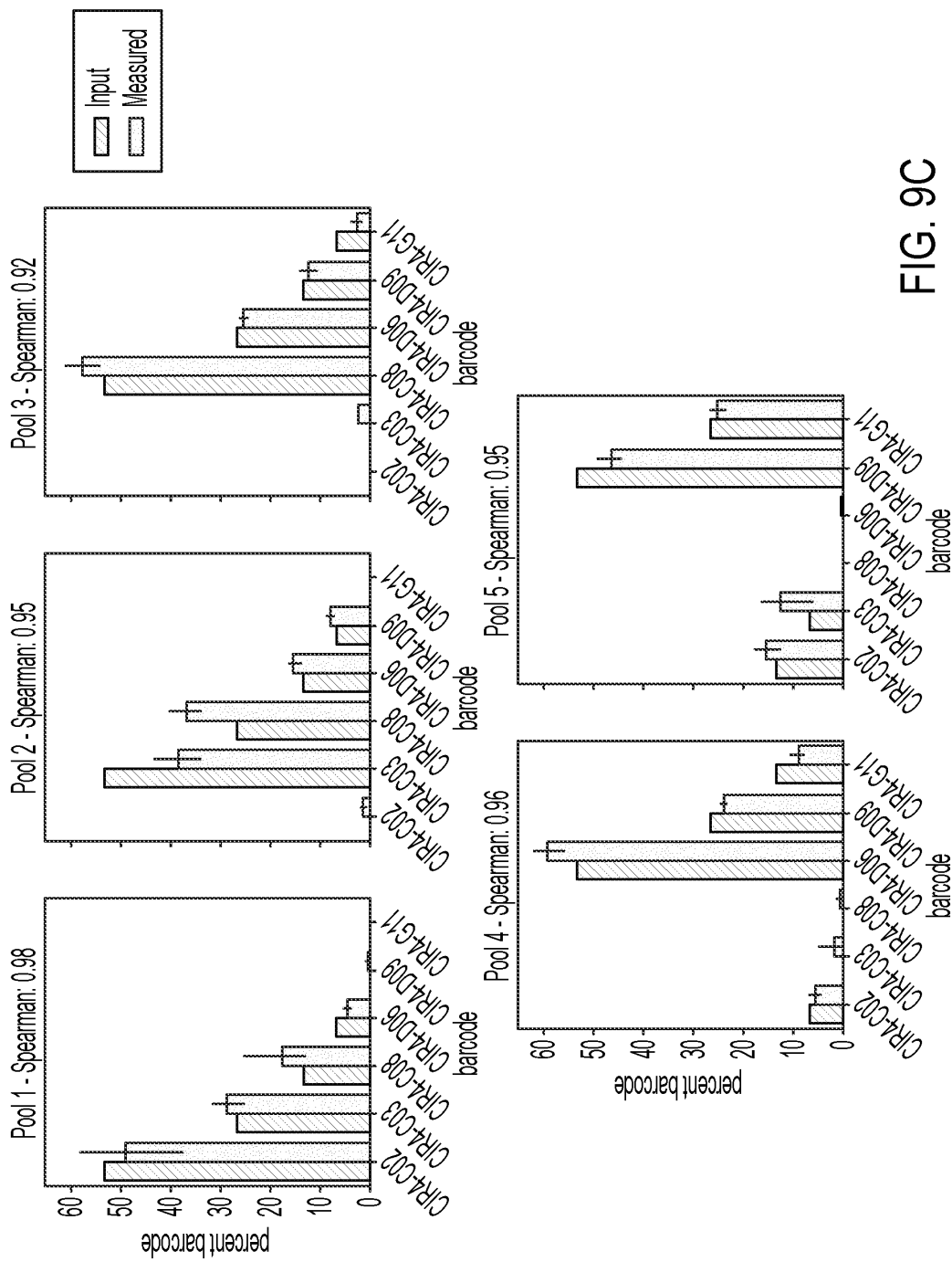


FIG. 9B

FIG. 9A



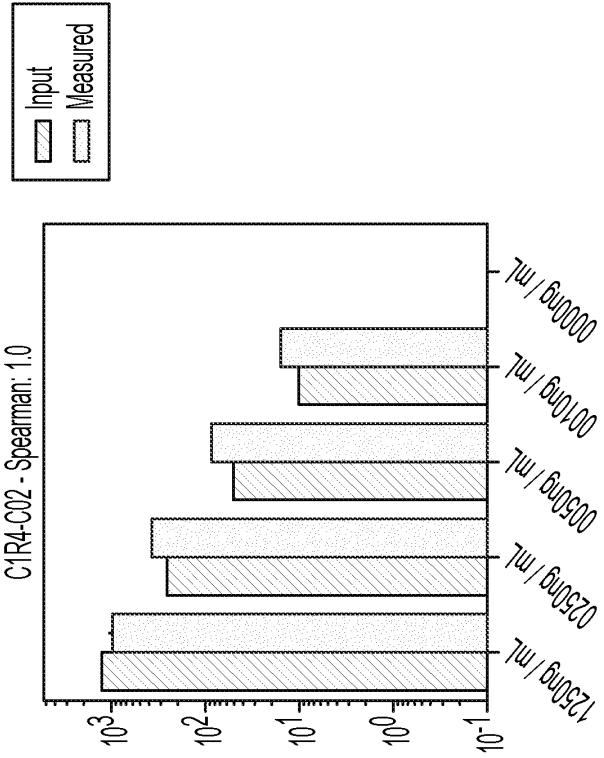


FIG. 10B

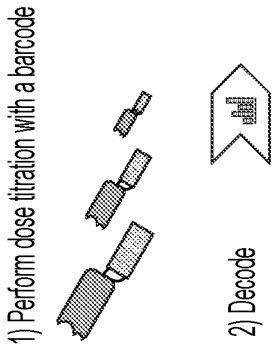
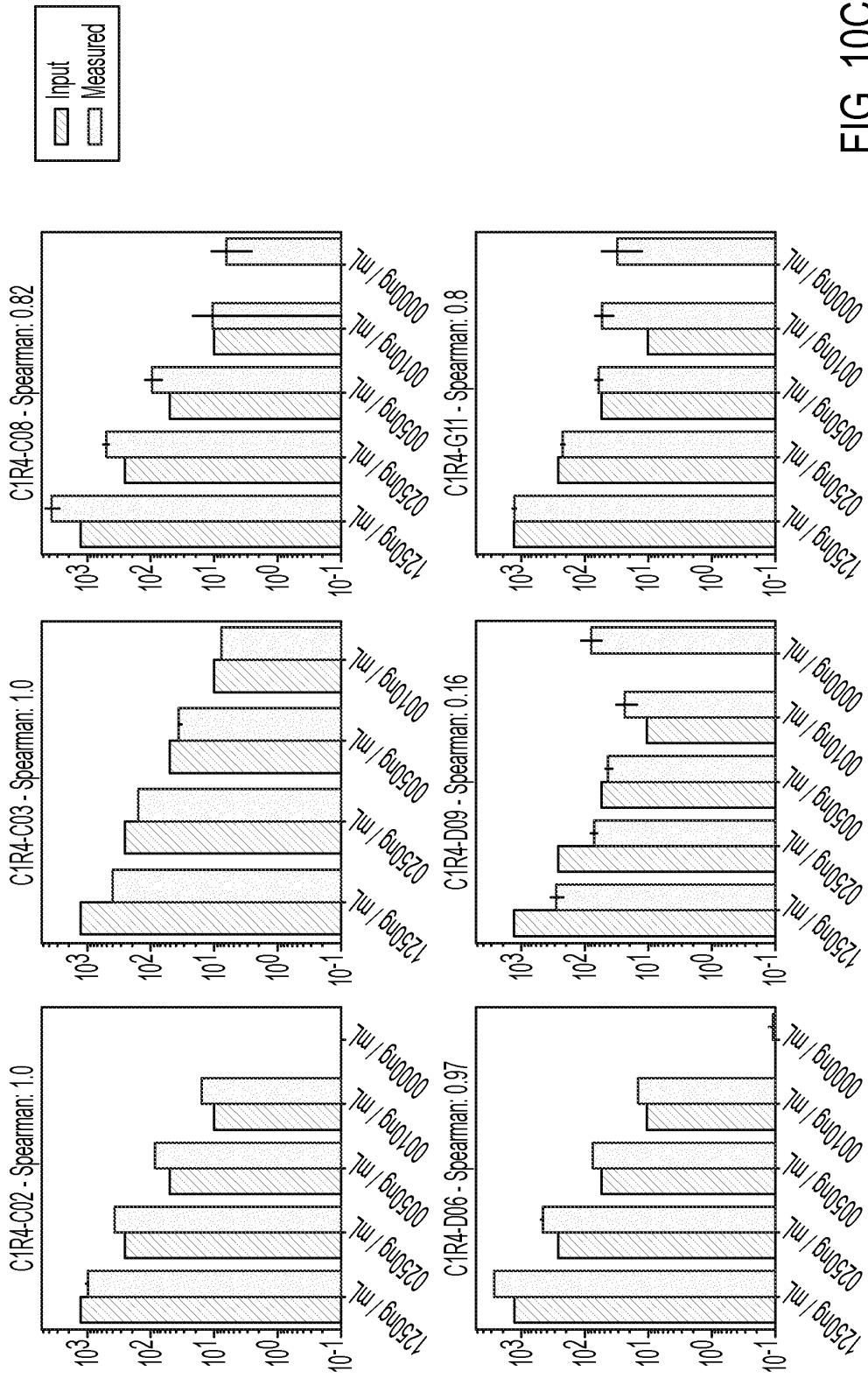


FIG. 10A



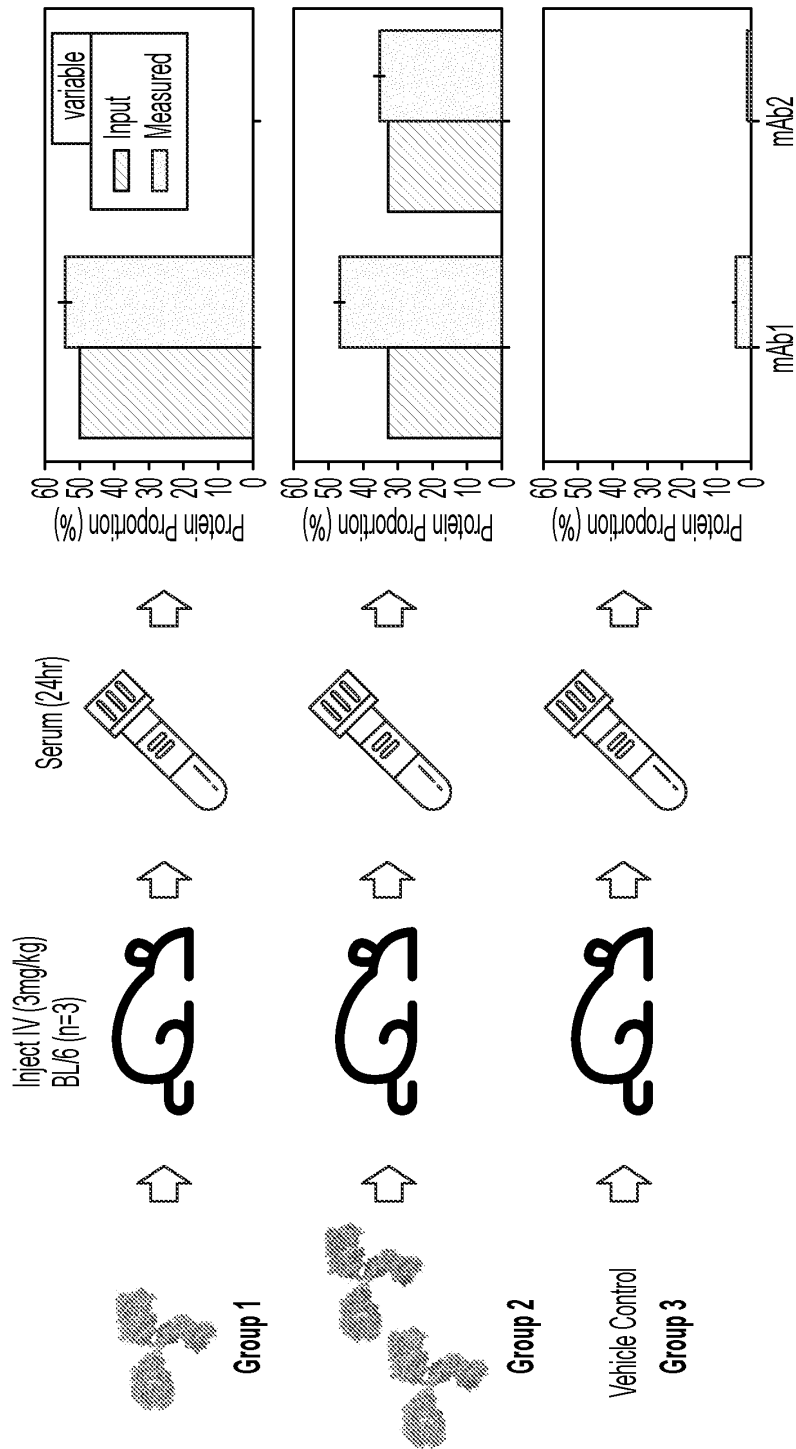


FIG. 11

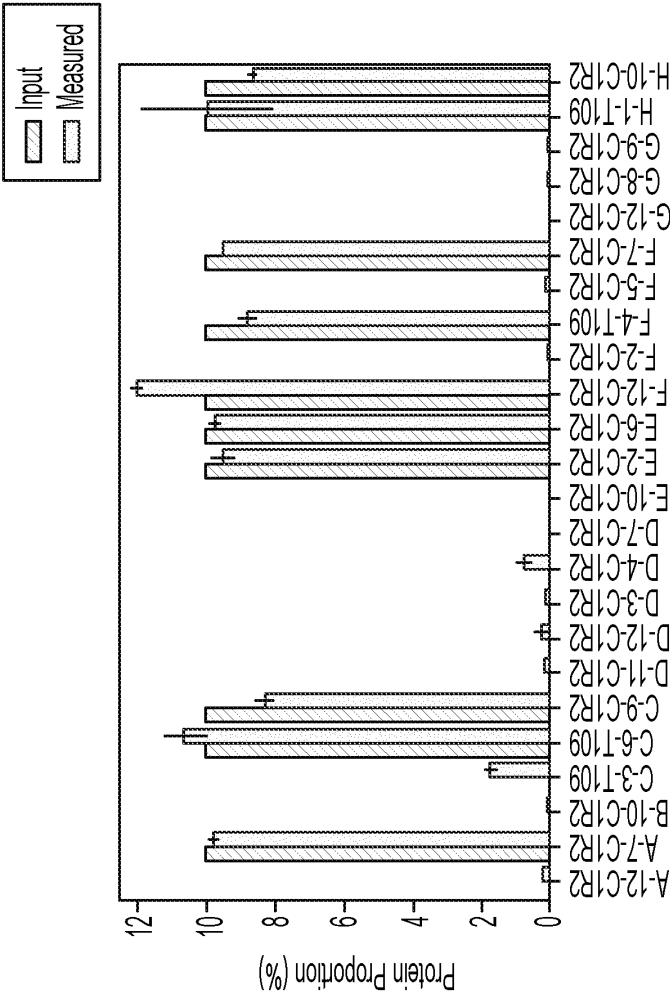


FIG. 12B

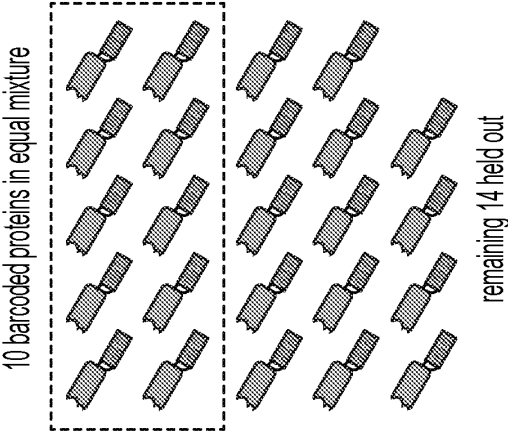


FIG. 12A

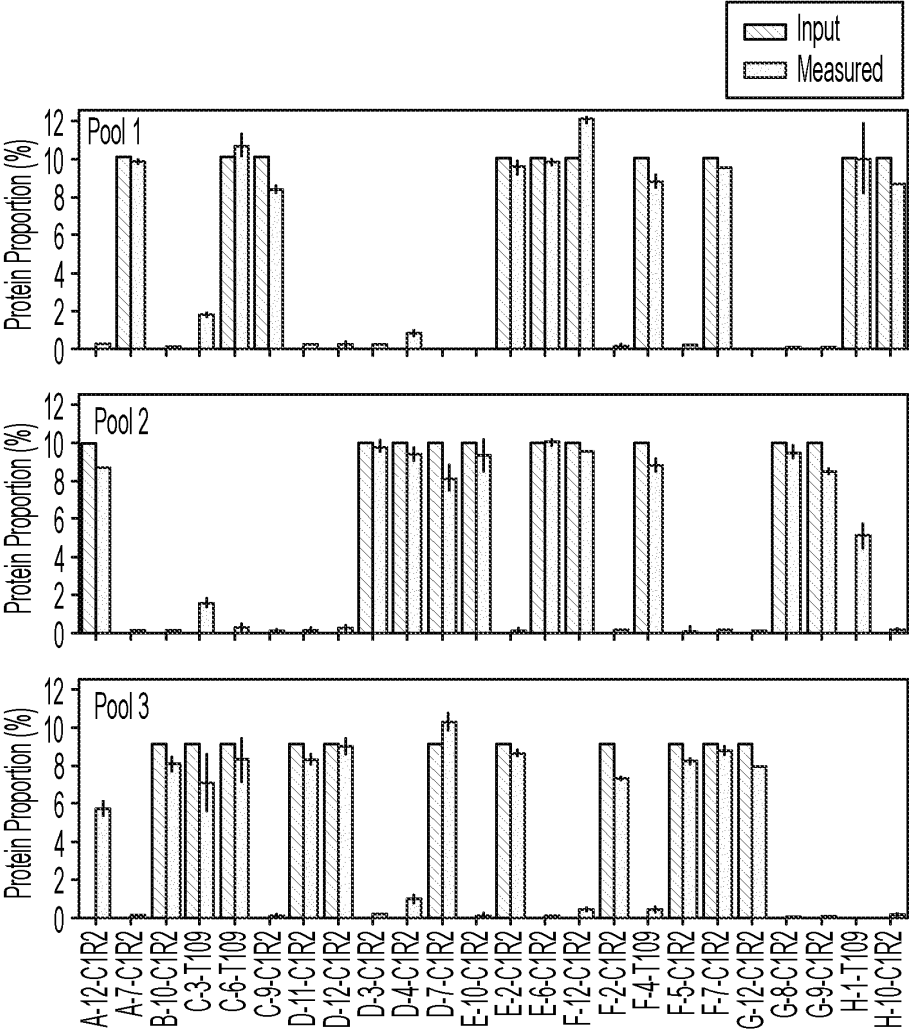


FIG. 12C

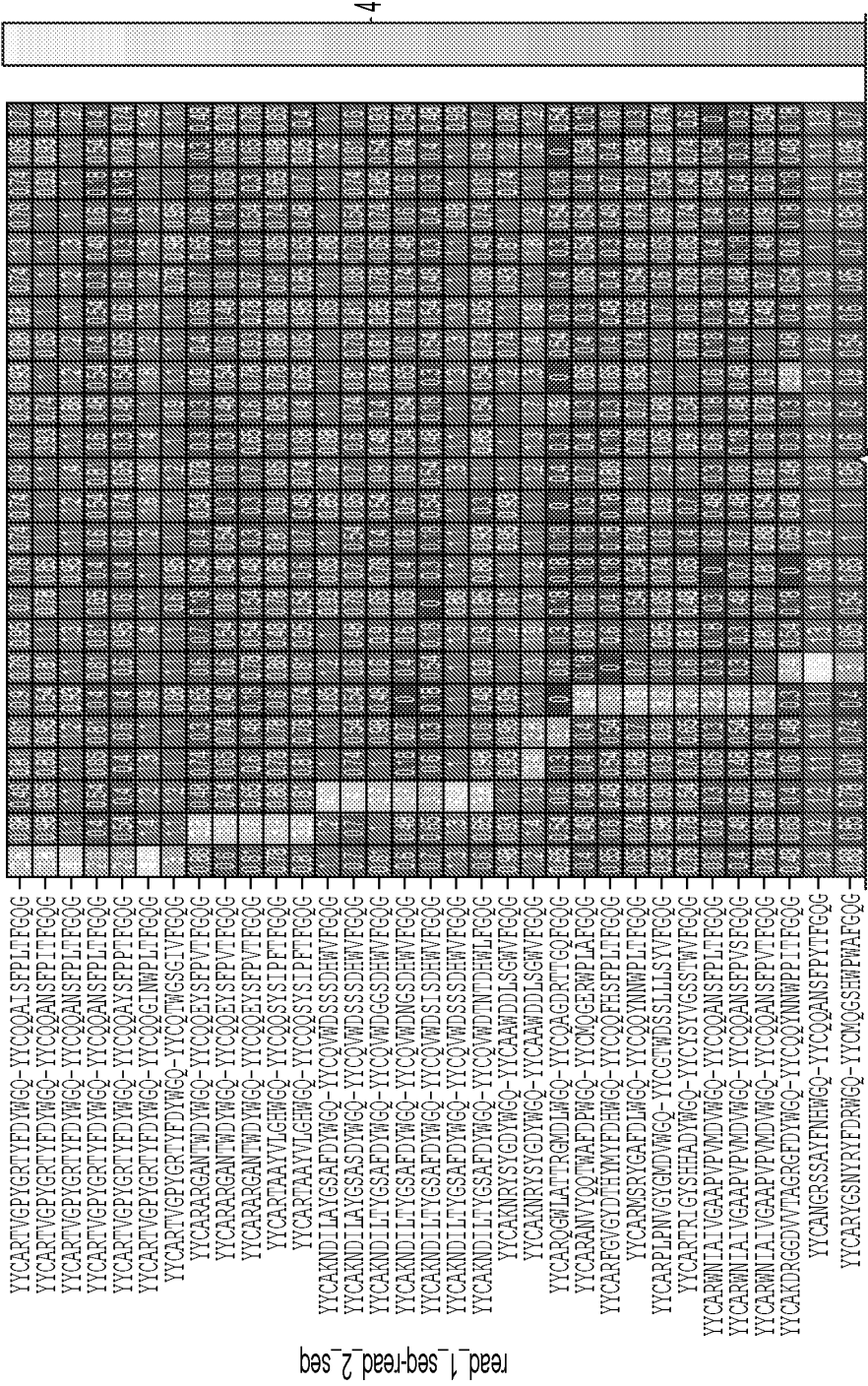
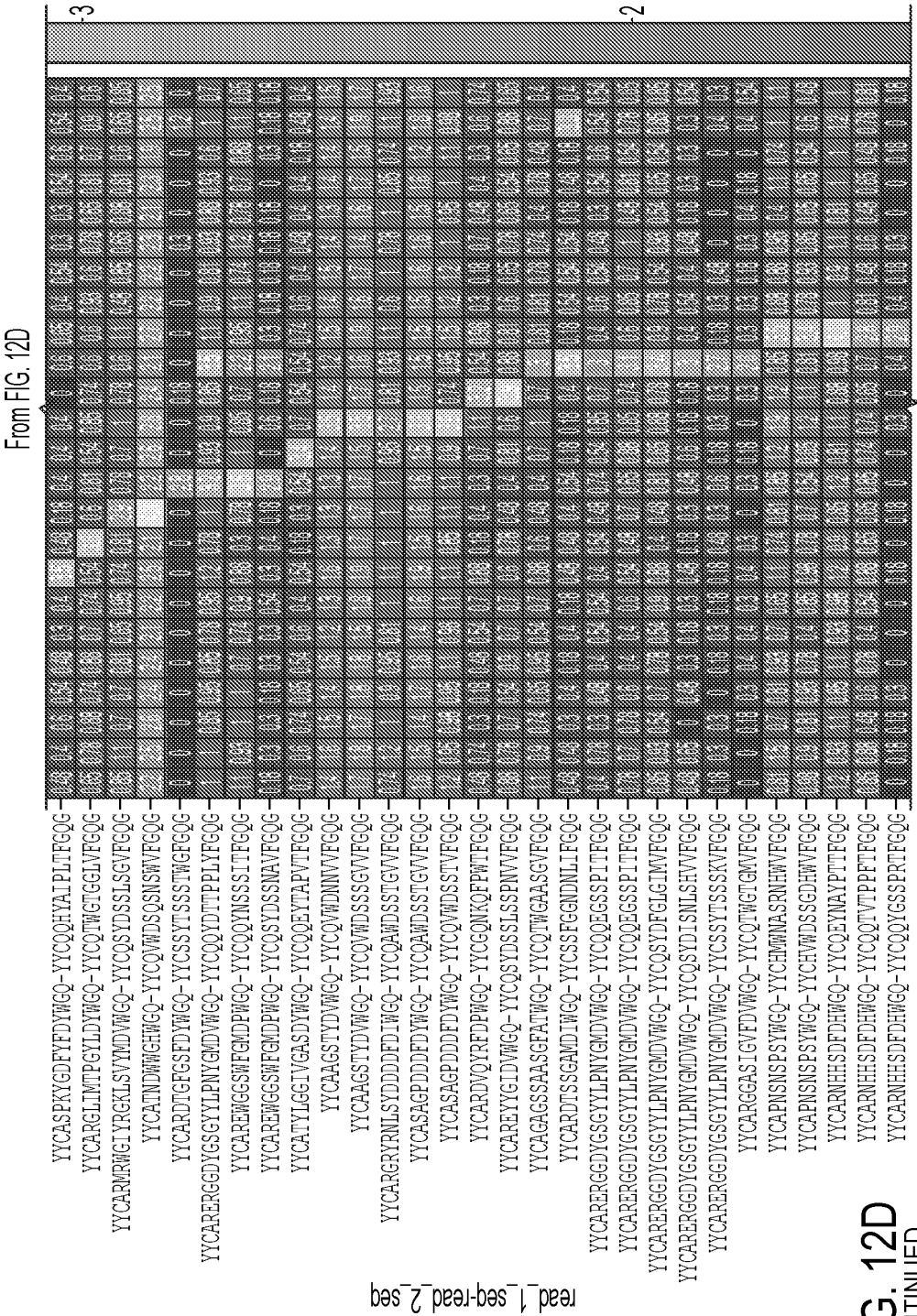
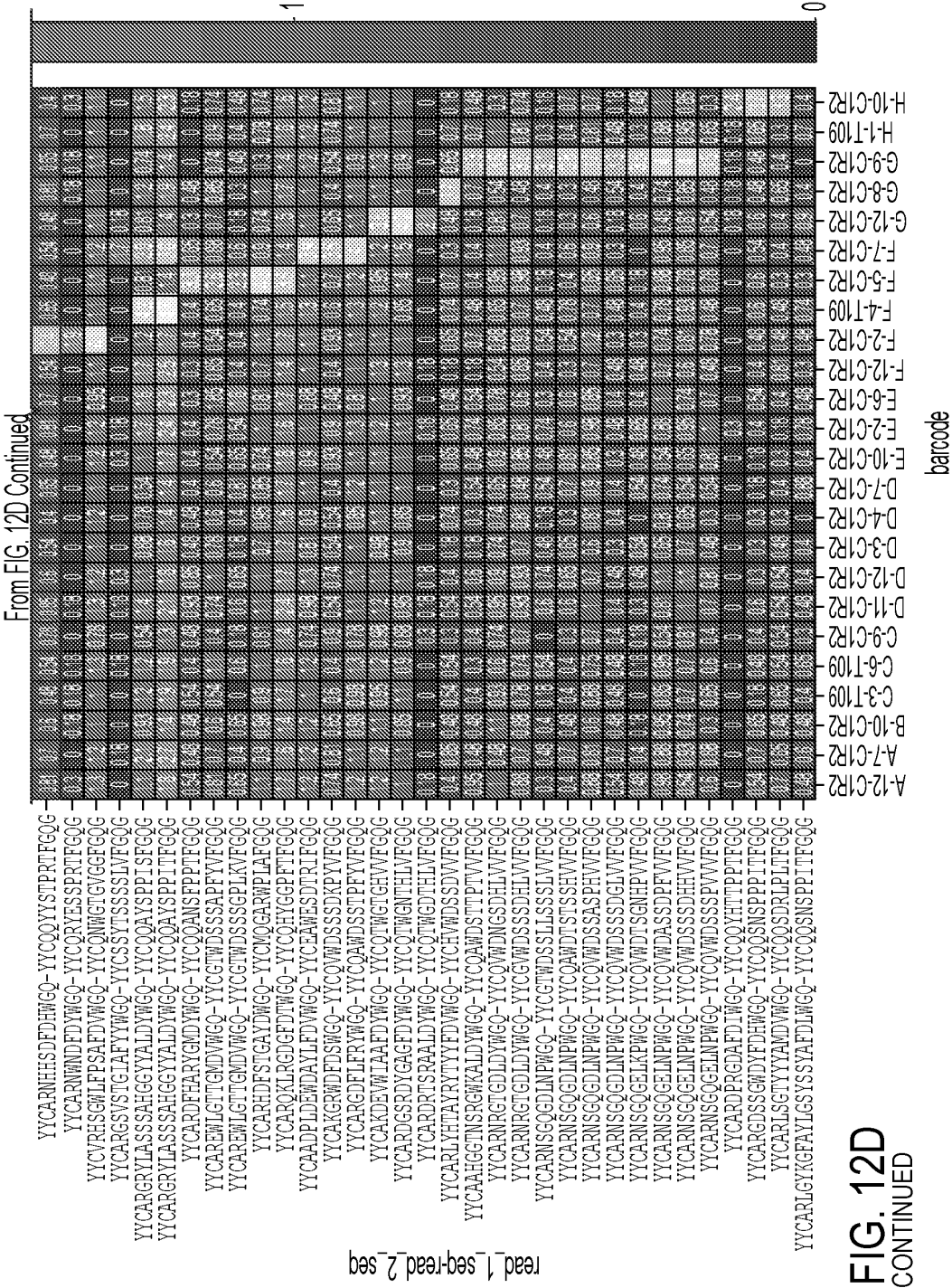


FIG. 12D





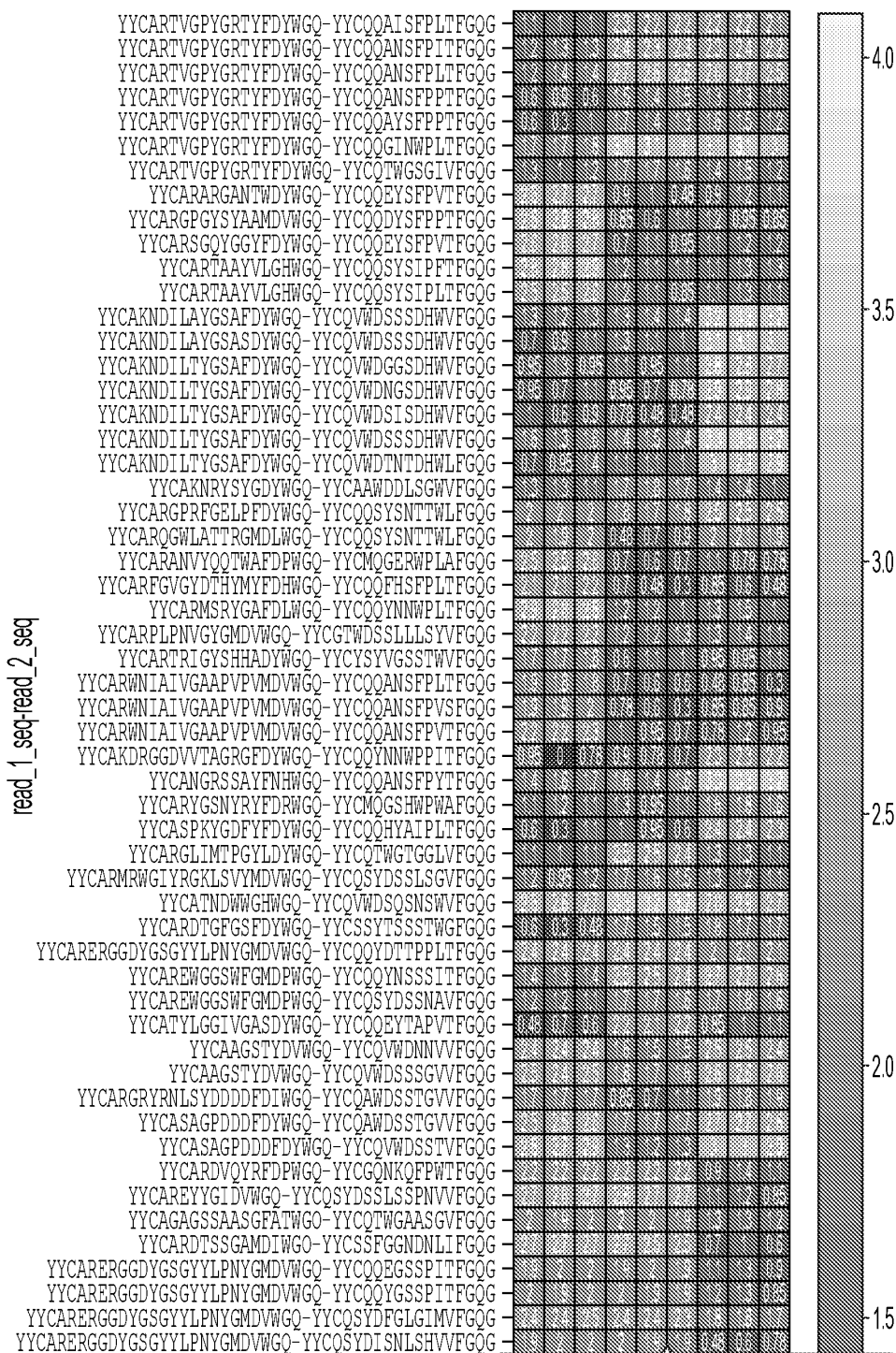
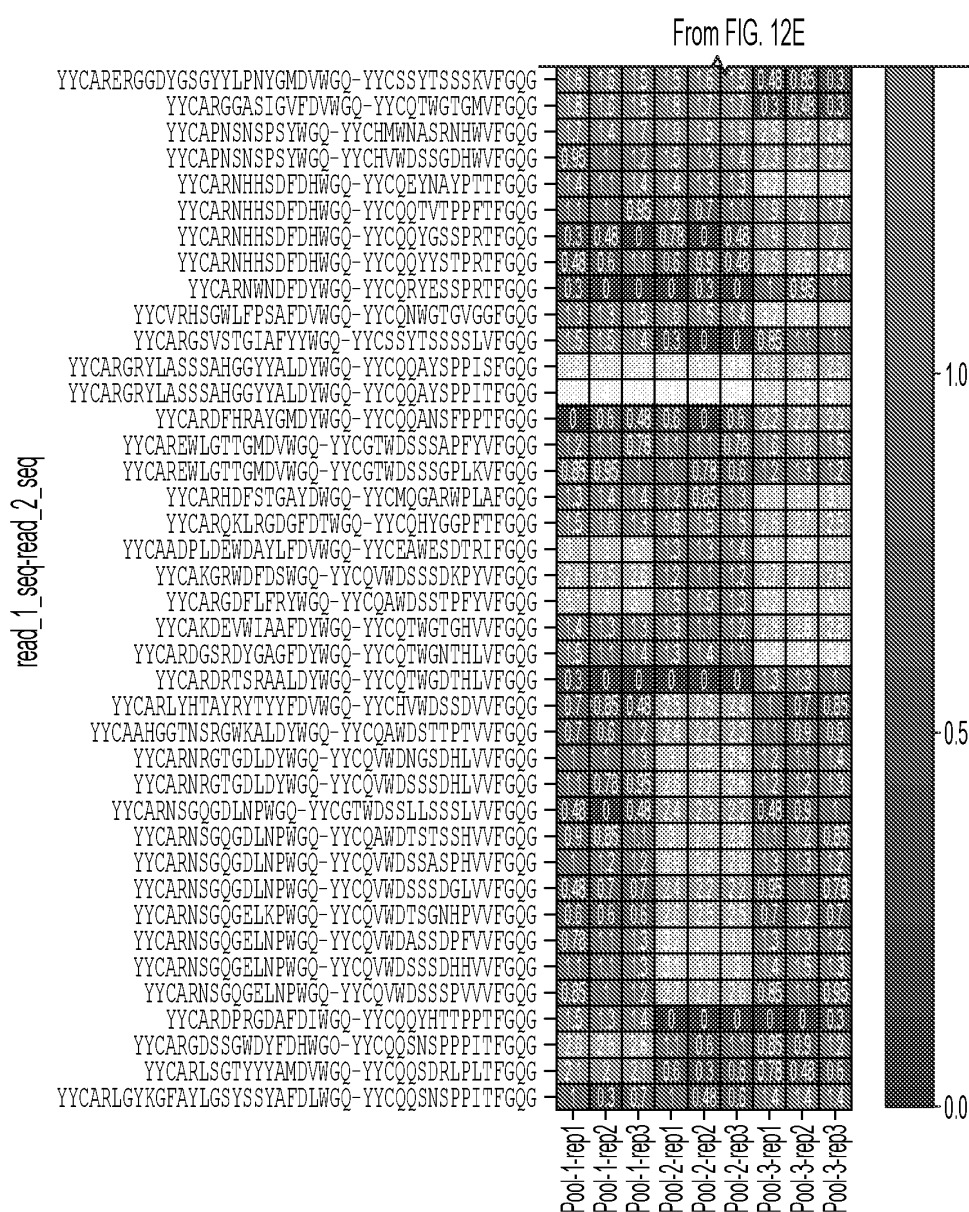


FIG. 12E To FIG. 12E Continued



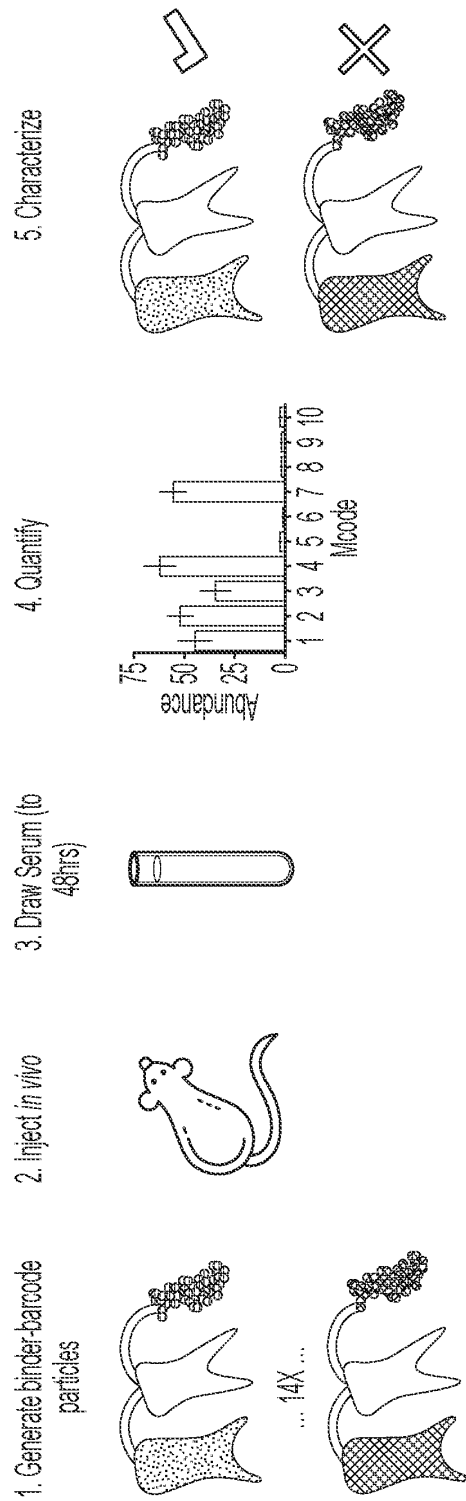


FIG. 13A

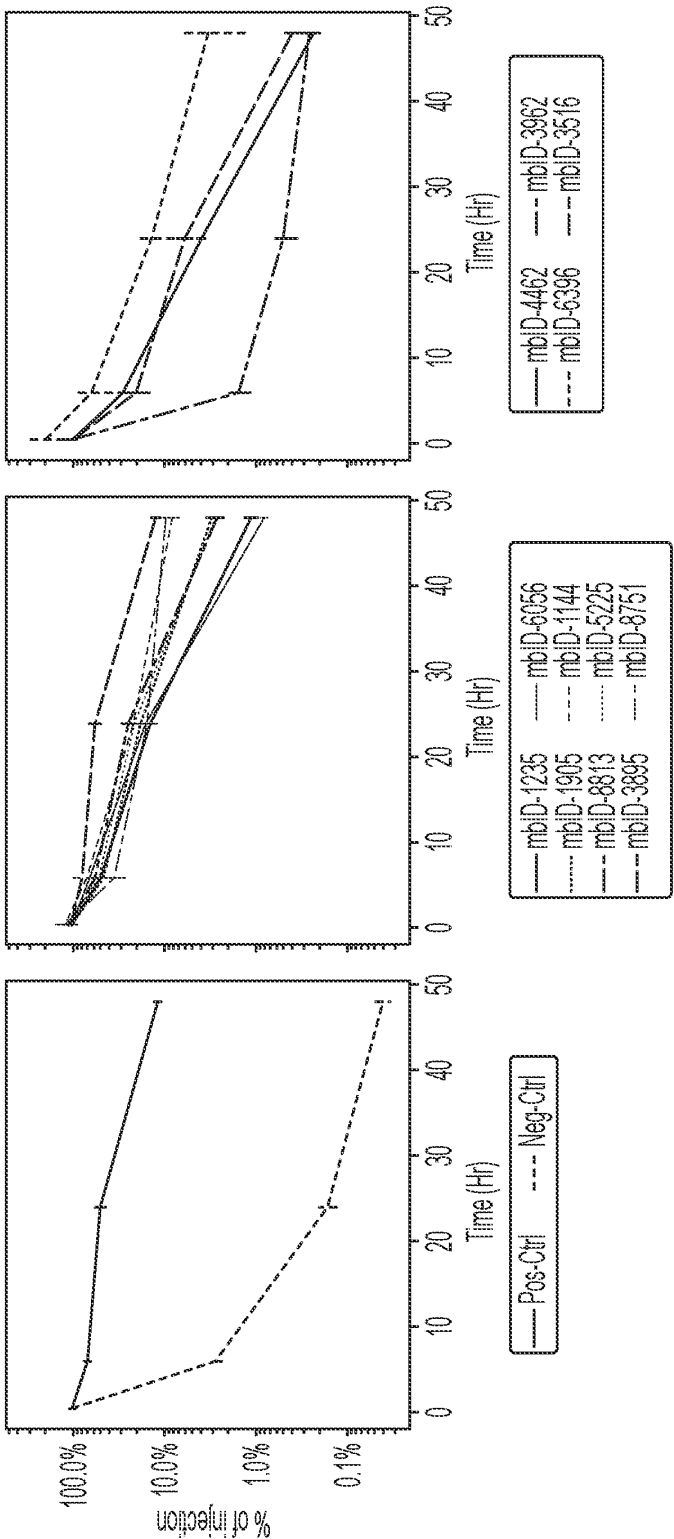


FIG. 13B

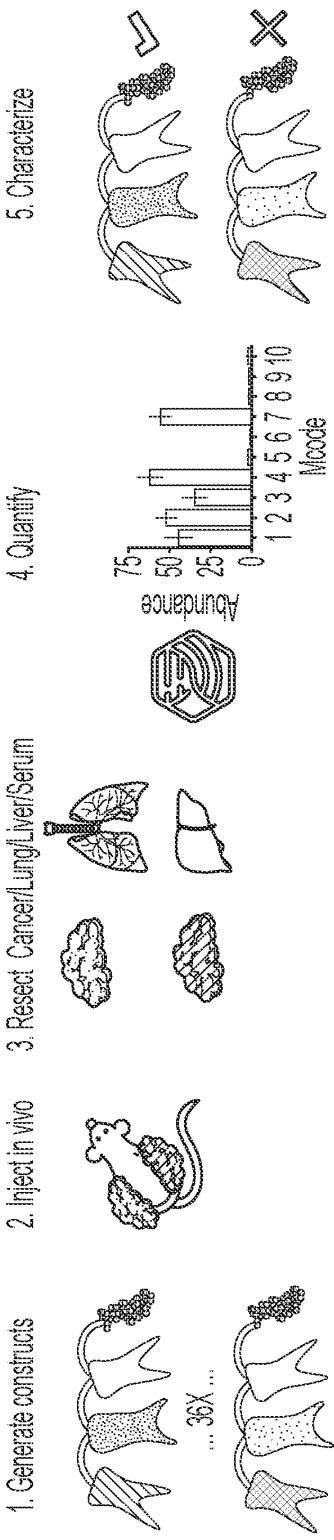


FIG. 14A

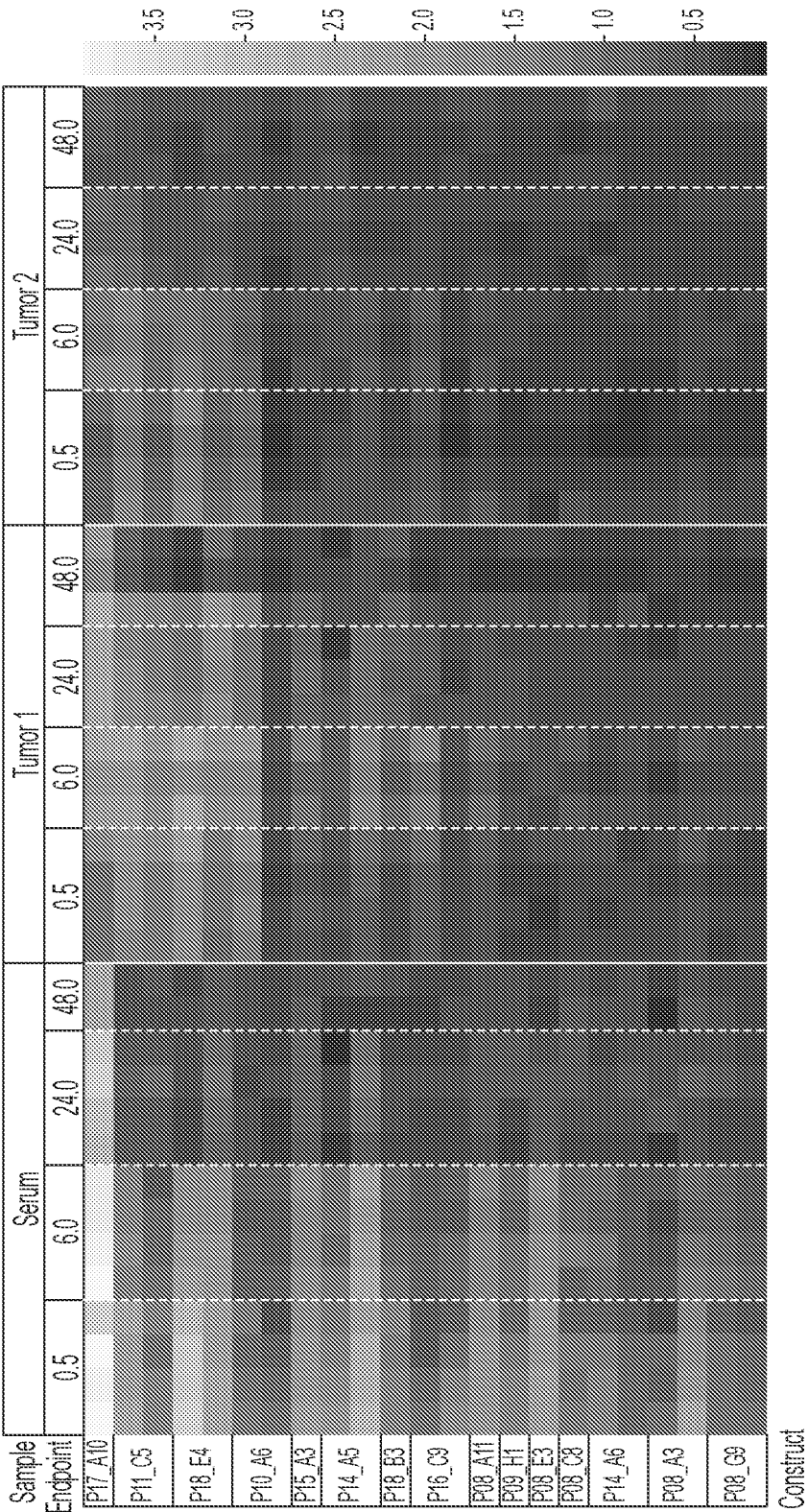


FIG. 14B

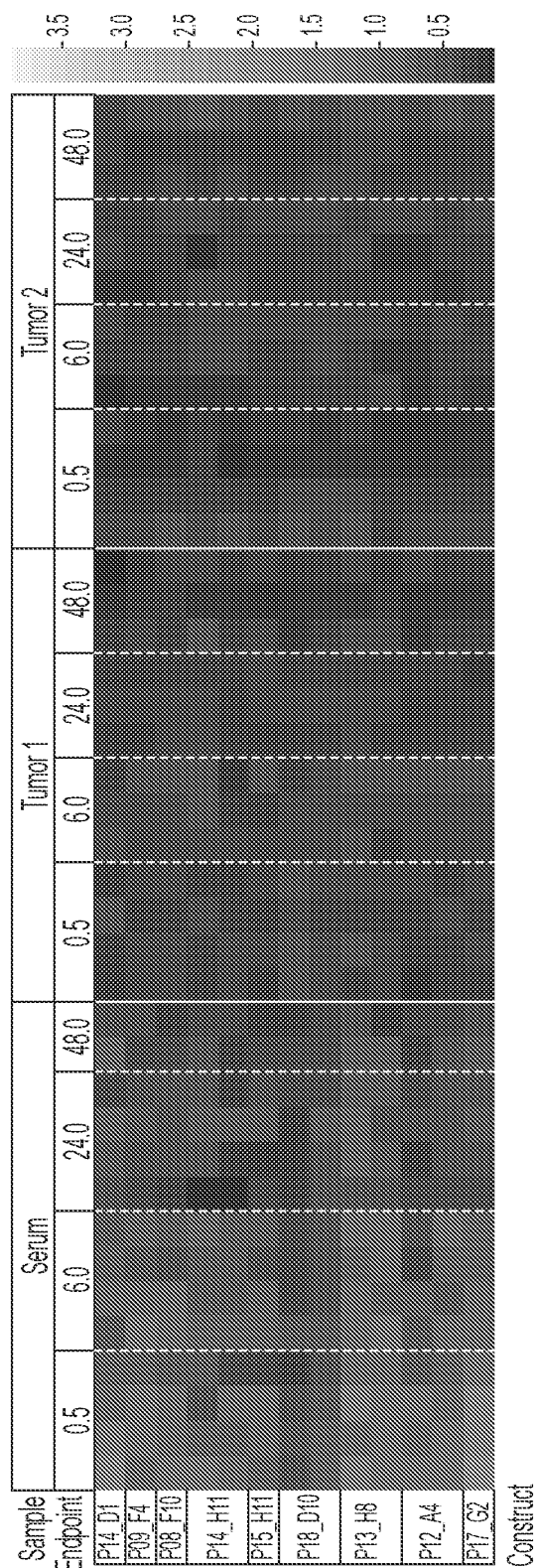


FIG. 14B
CONTINUED

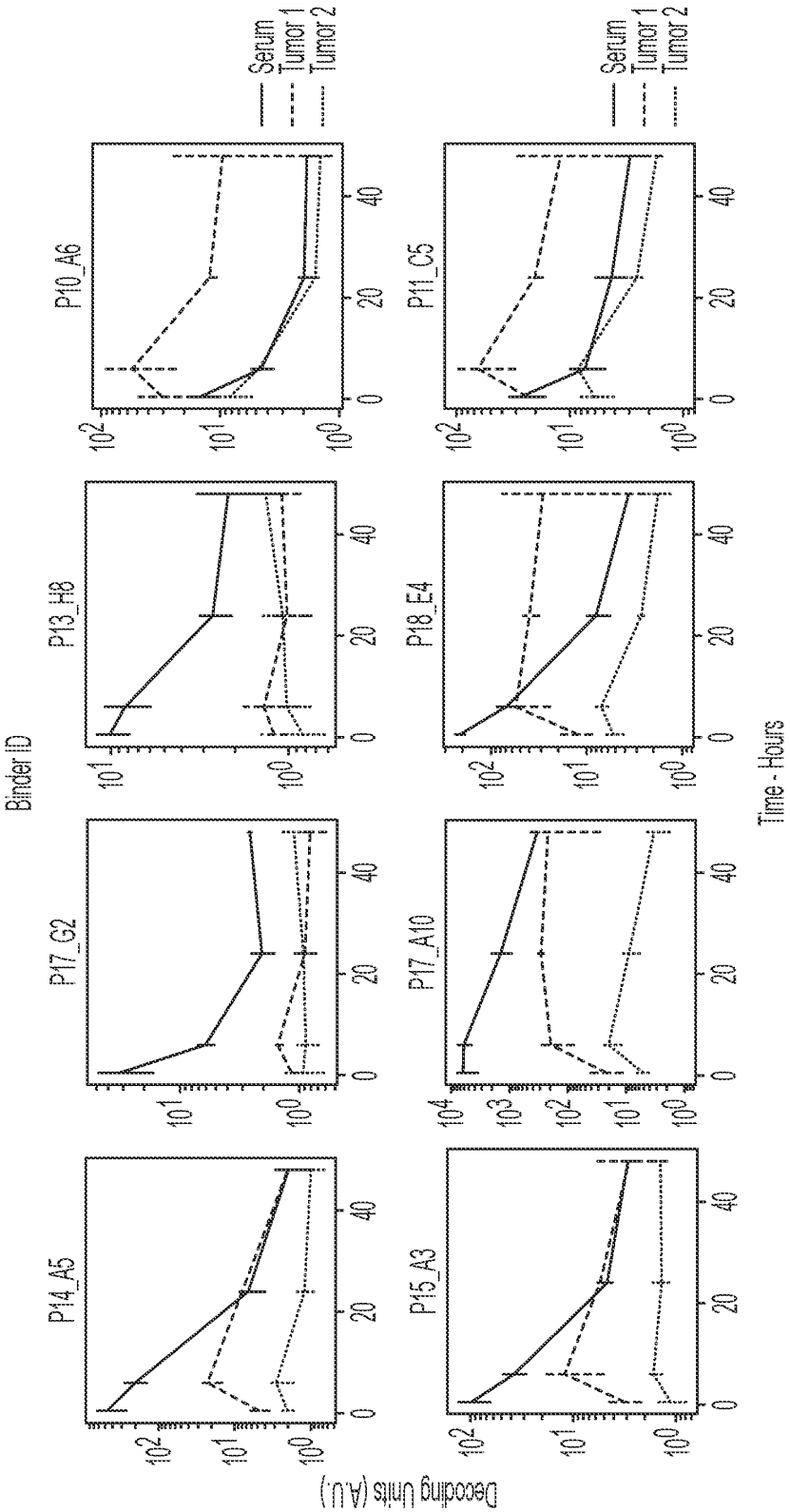


FIG. 14C

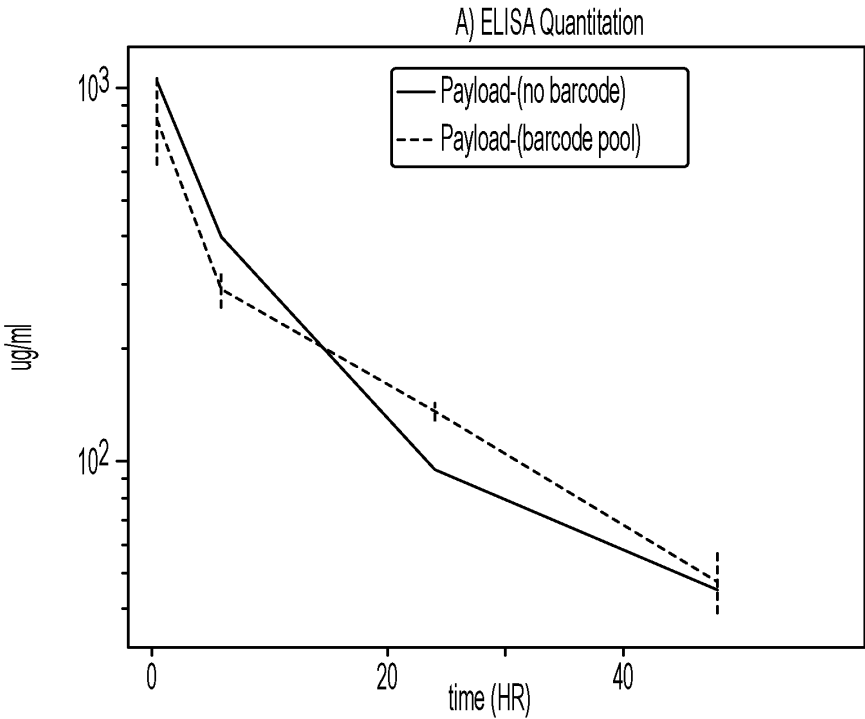


FIG. 15A

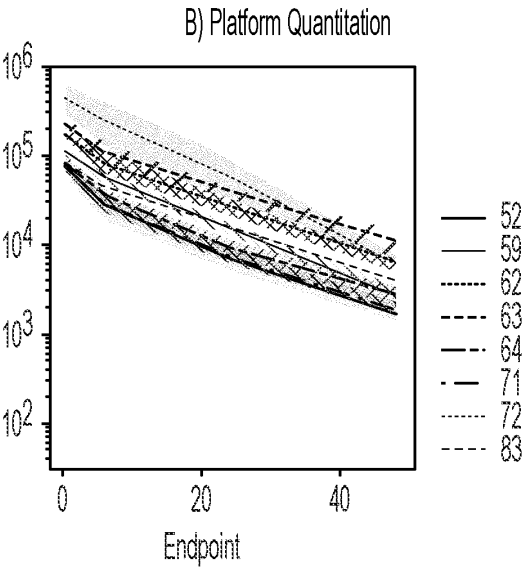


FIG. 15B

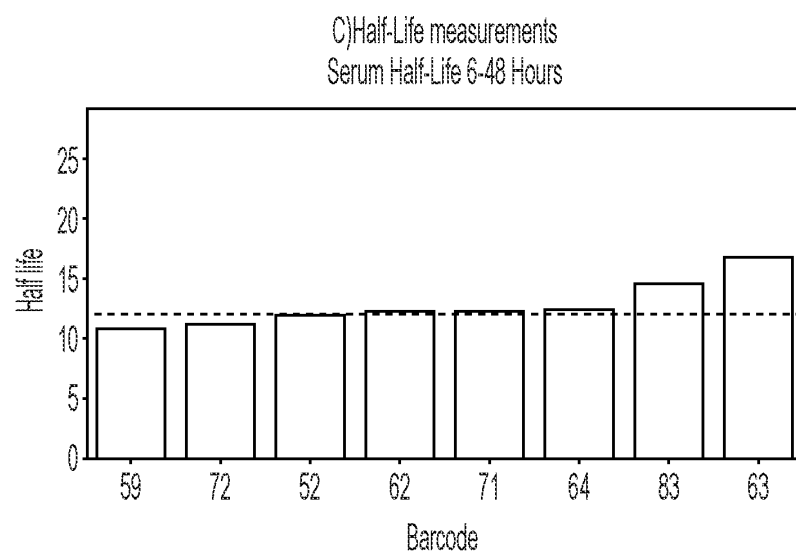


FIG. 15C

1. Produce {constant scaffold}-barcode



35X (highest sensitivity)



2. Array in mixtures



3. Quantify

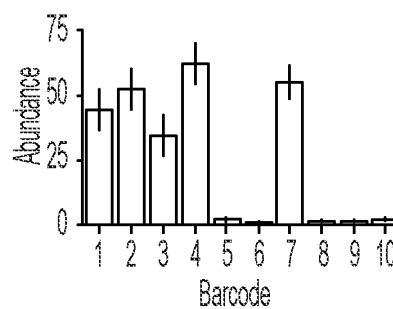


FIG. 16A

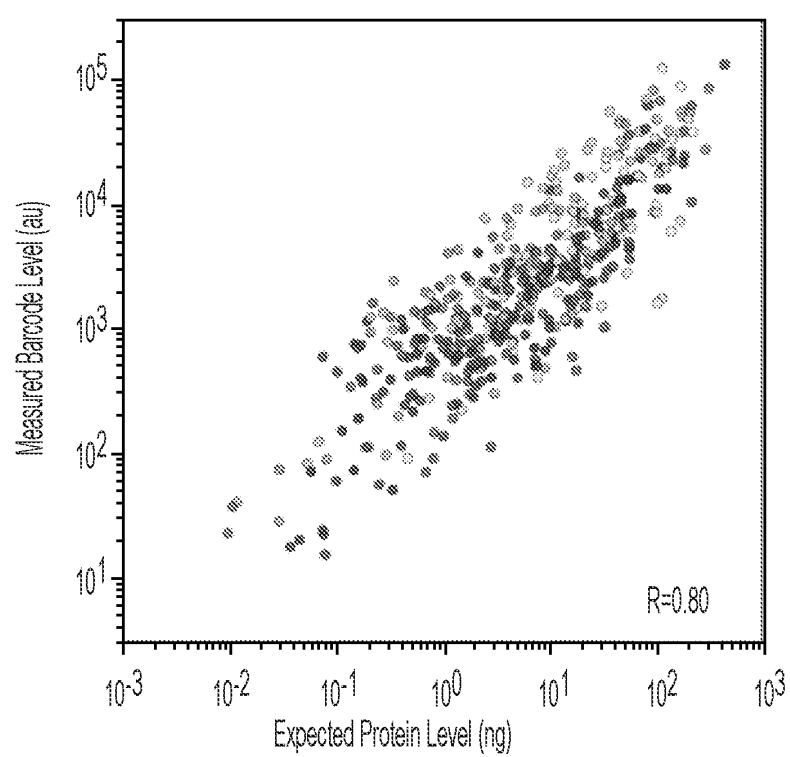


FIG. 16B