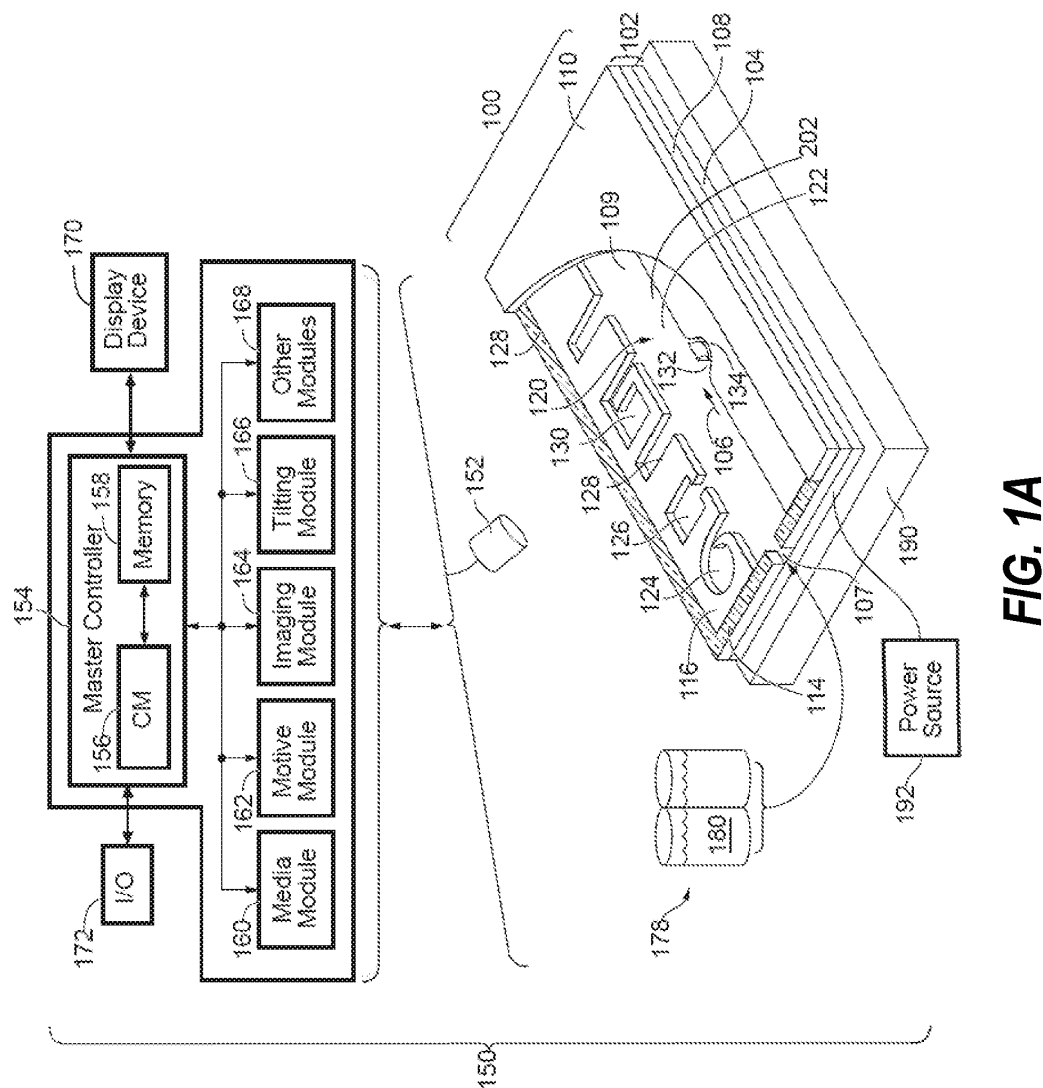




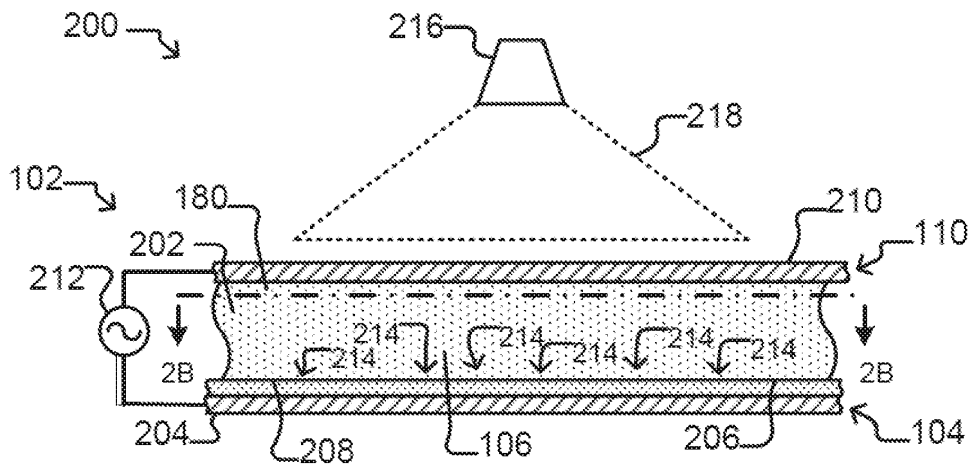


FIG. 1B

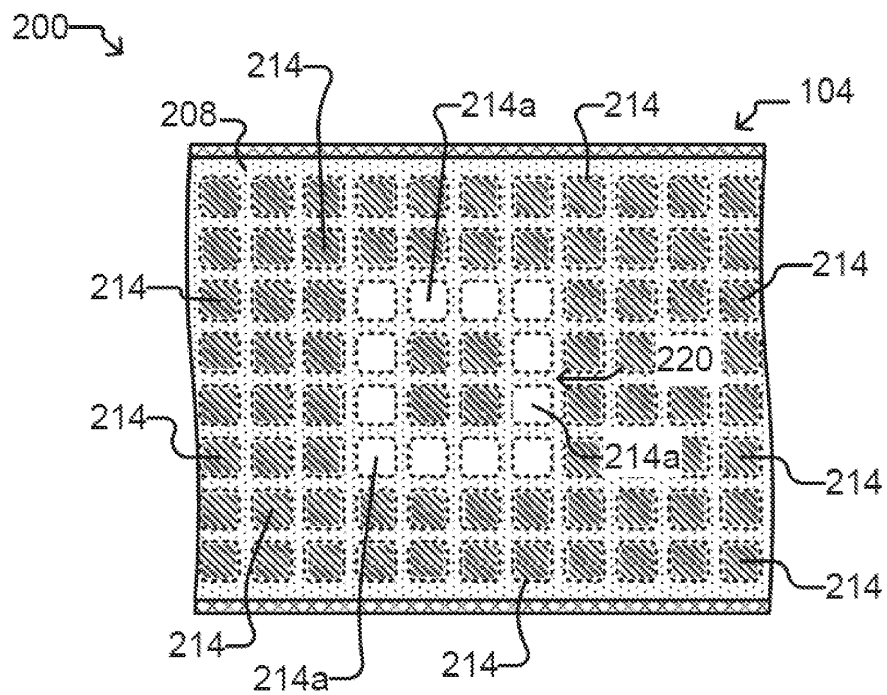


FIG. 1C

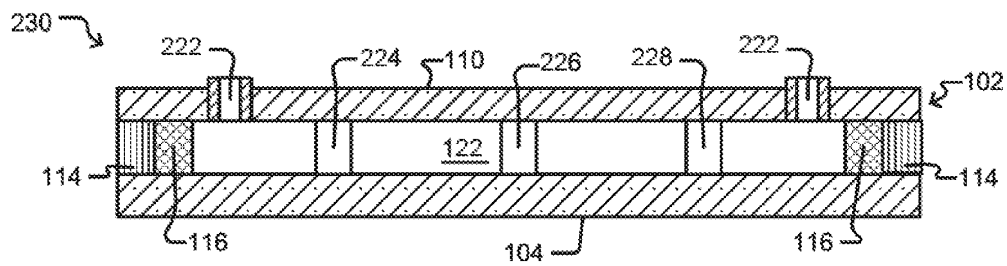


FIG. 2A

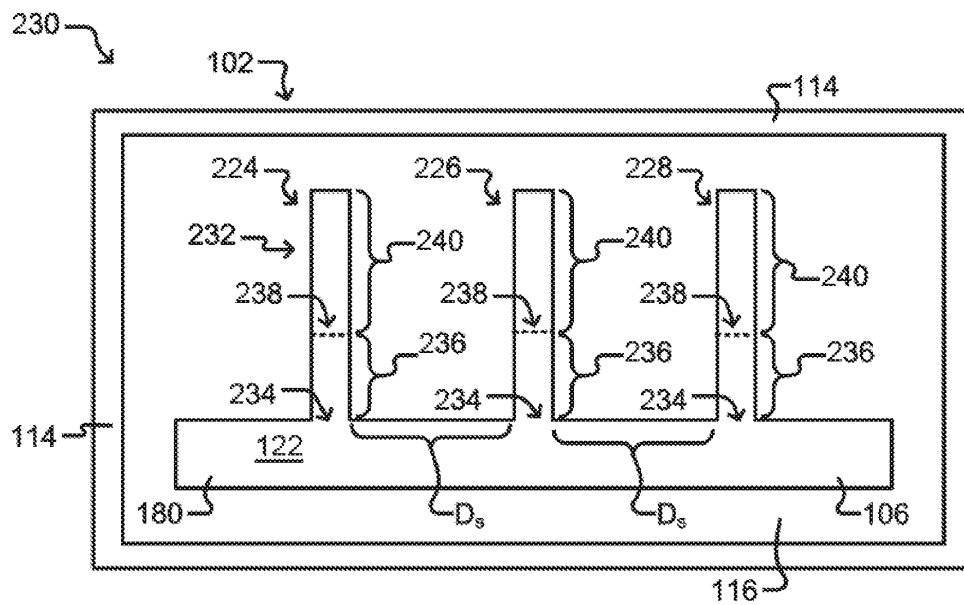


FIG. 2B

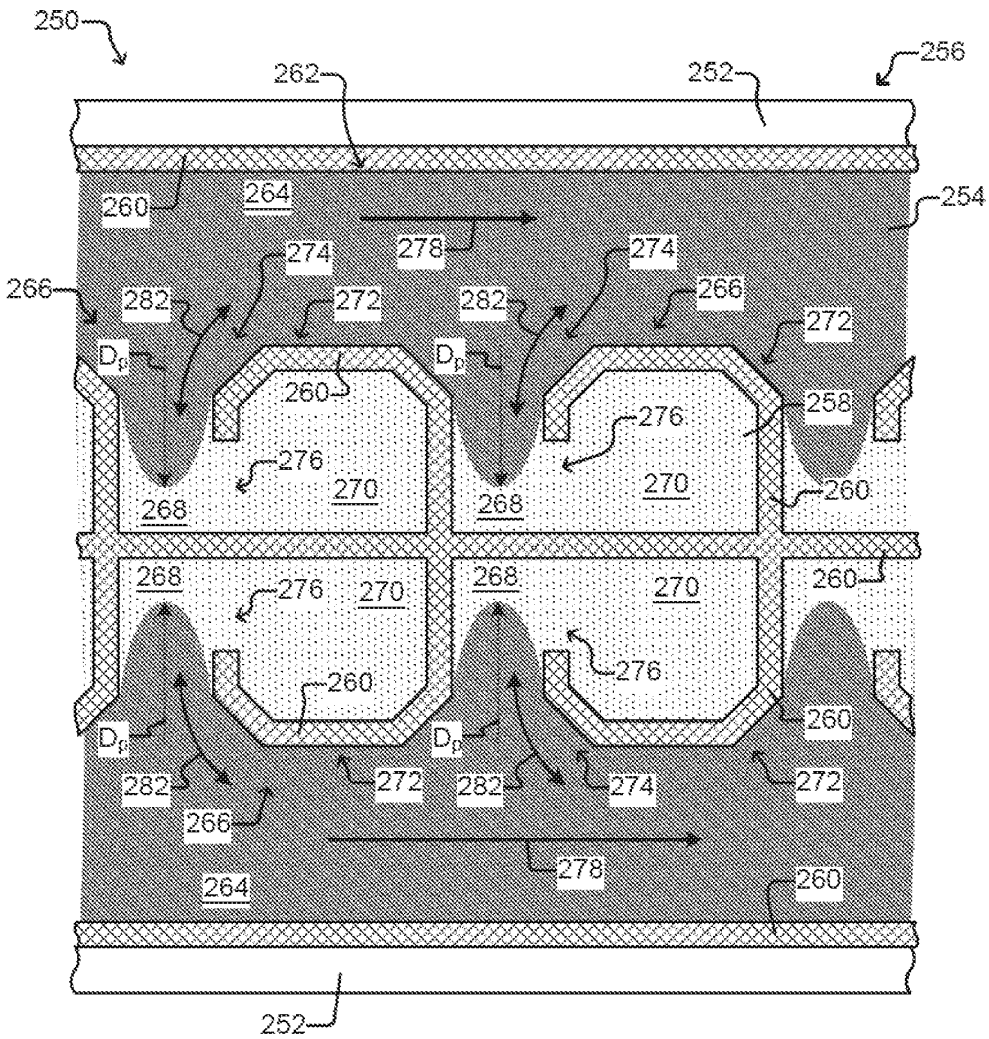


FIG. 2D

6/38

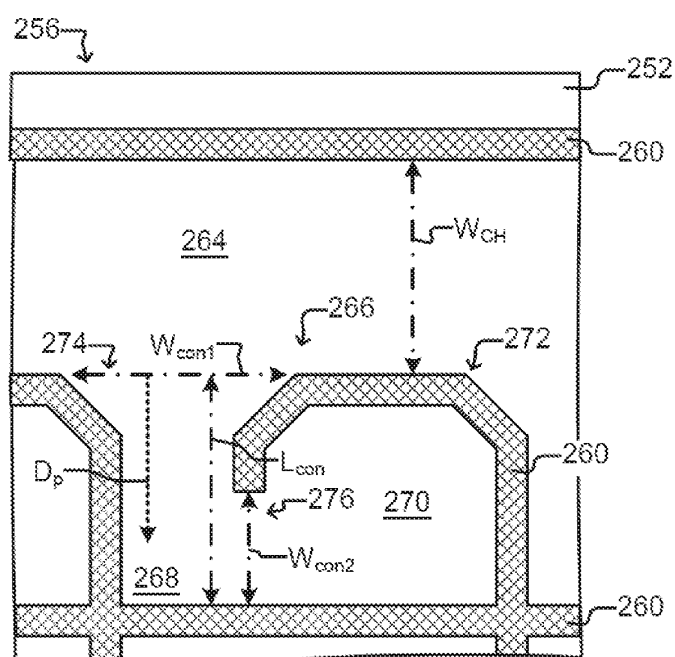


FIG. 2E

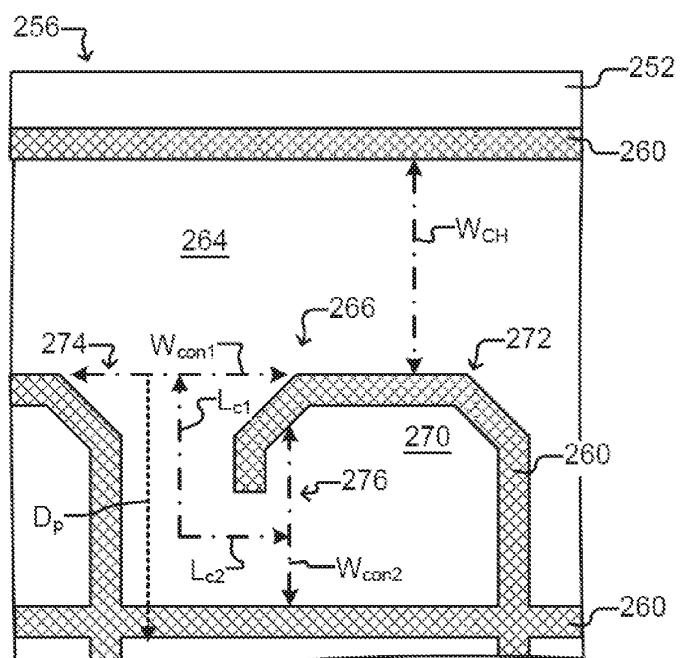


FIG. 2F

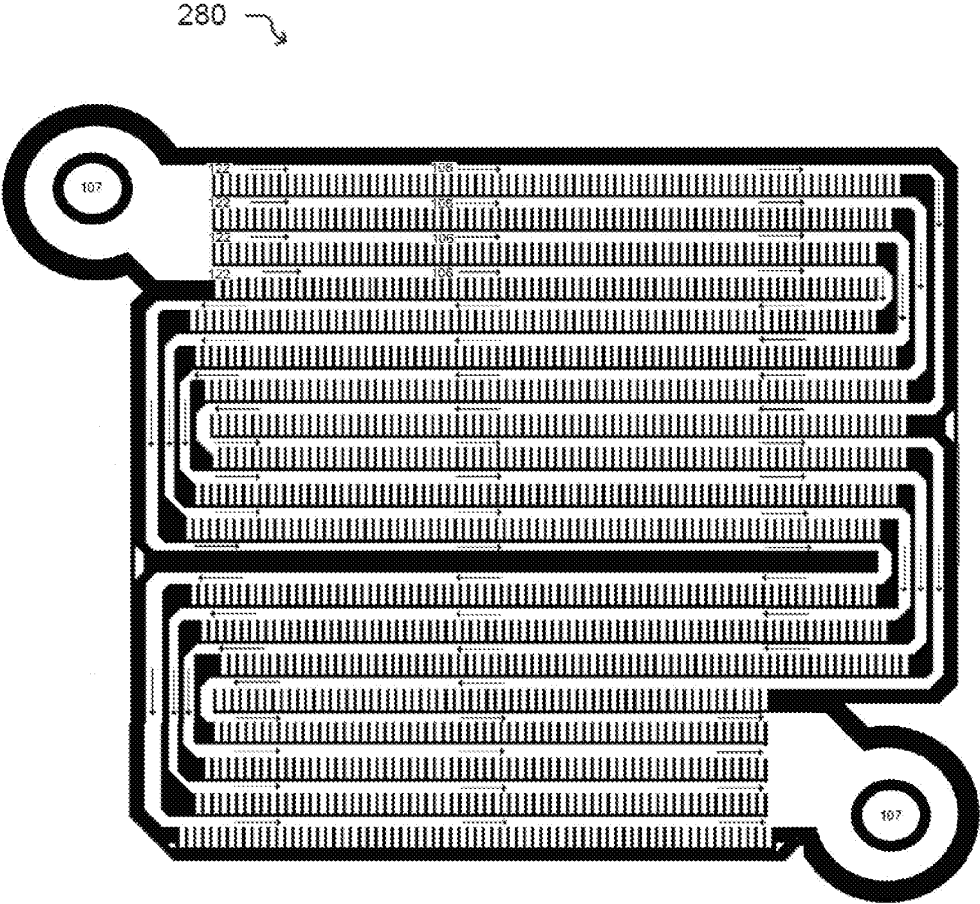


FIG. 2G

8/38

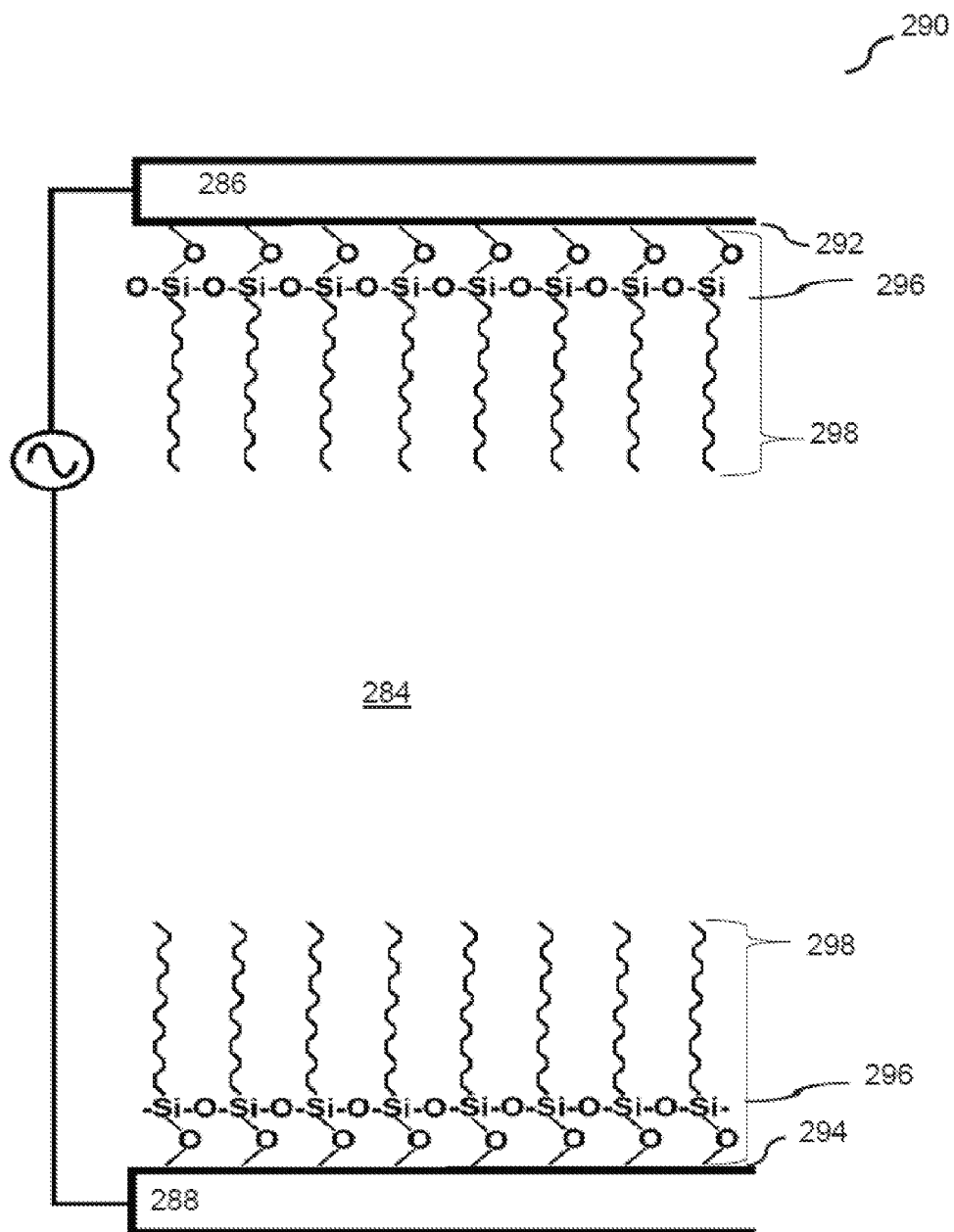


FIG. 2H

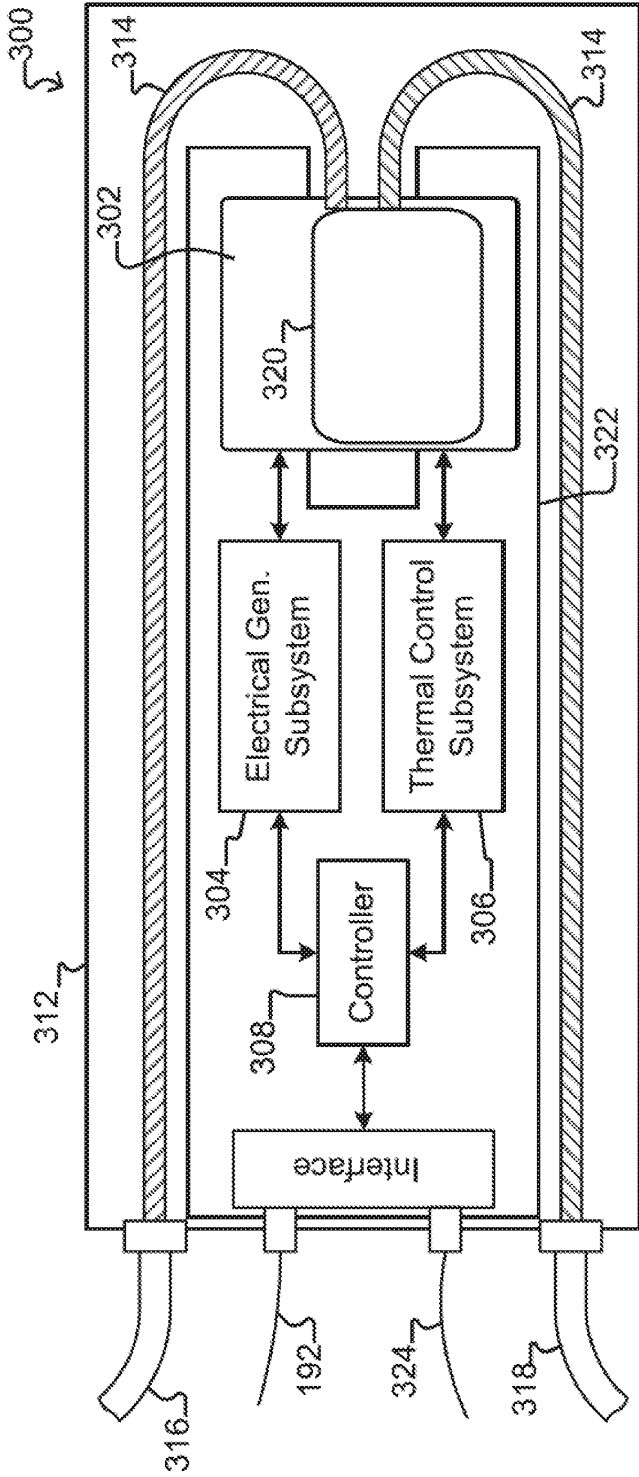


FIG. 3A

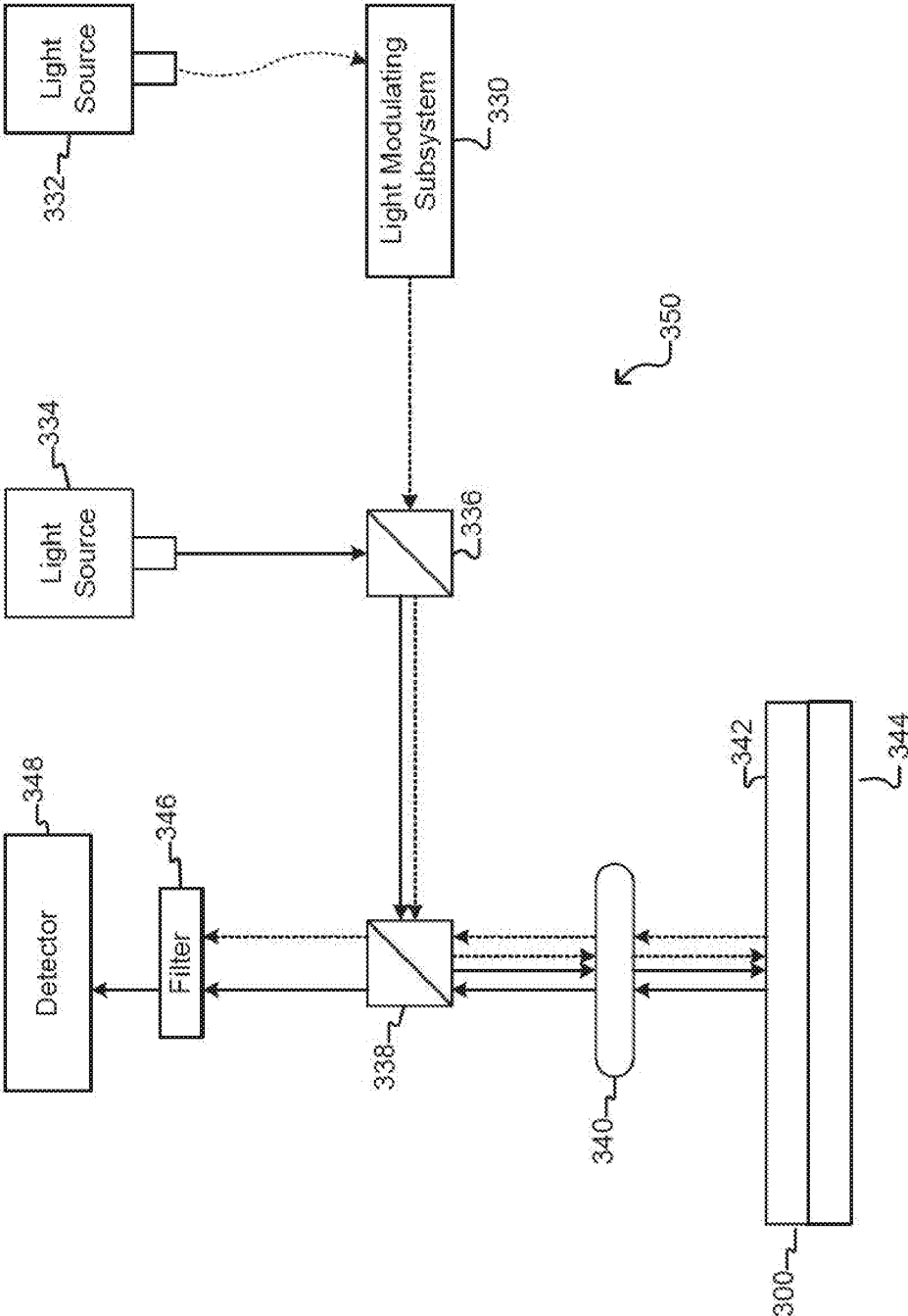


FIG. 3B

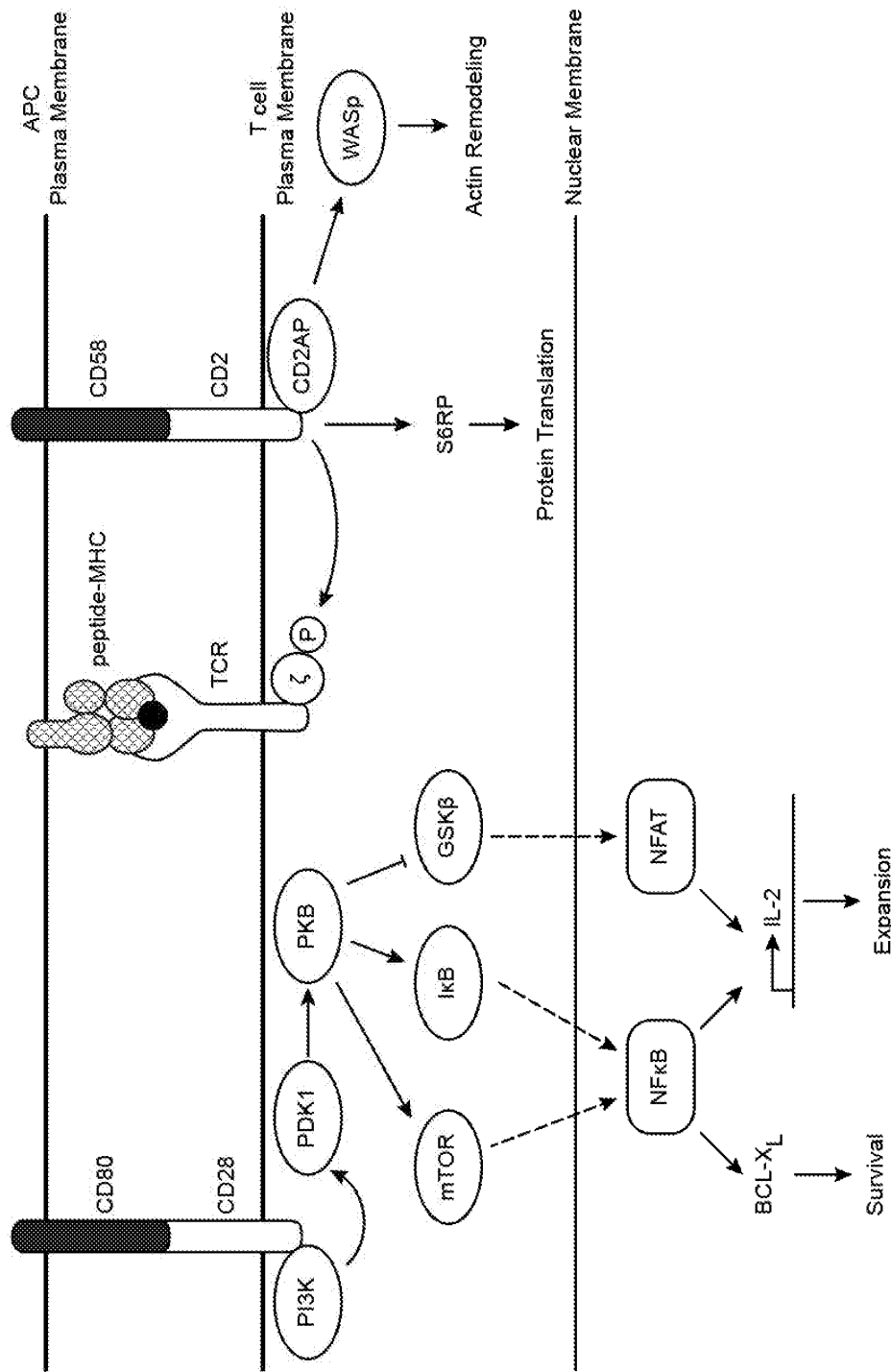


FIG. 4

12/38

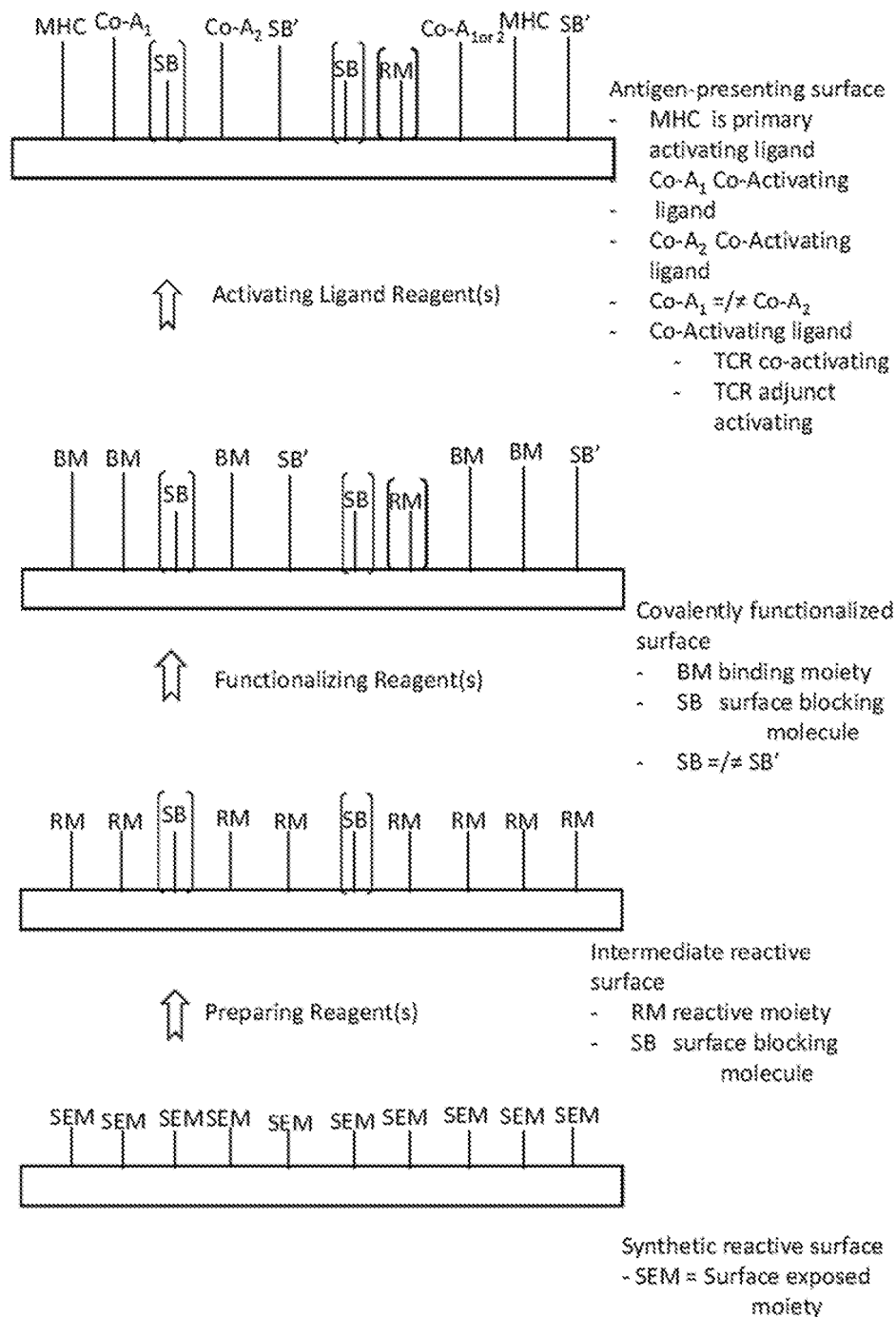


FIG. 5A

13/38

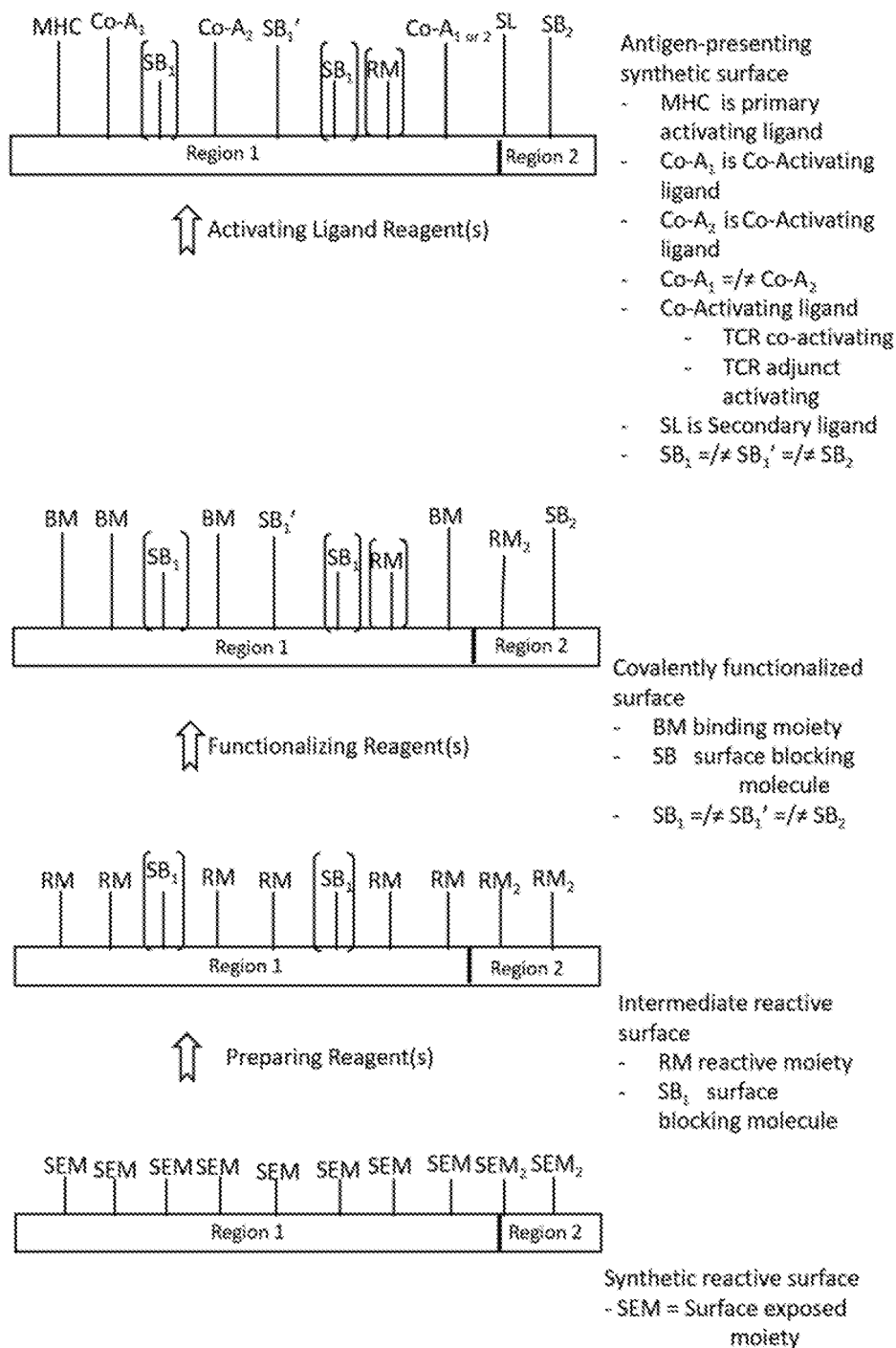


FIG. 5B

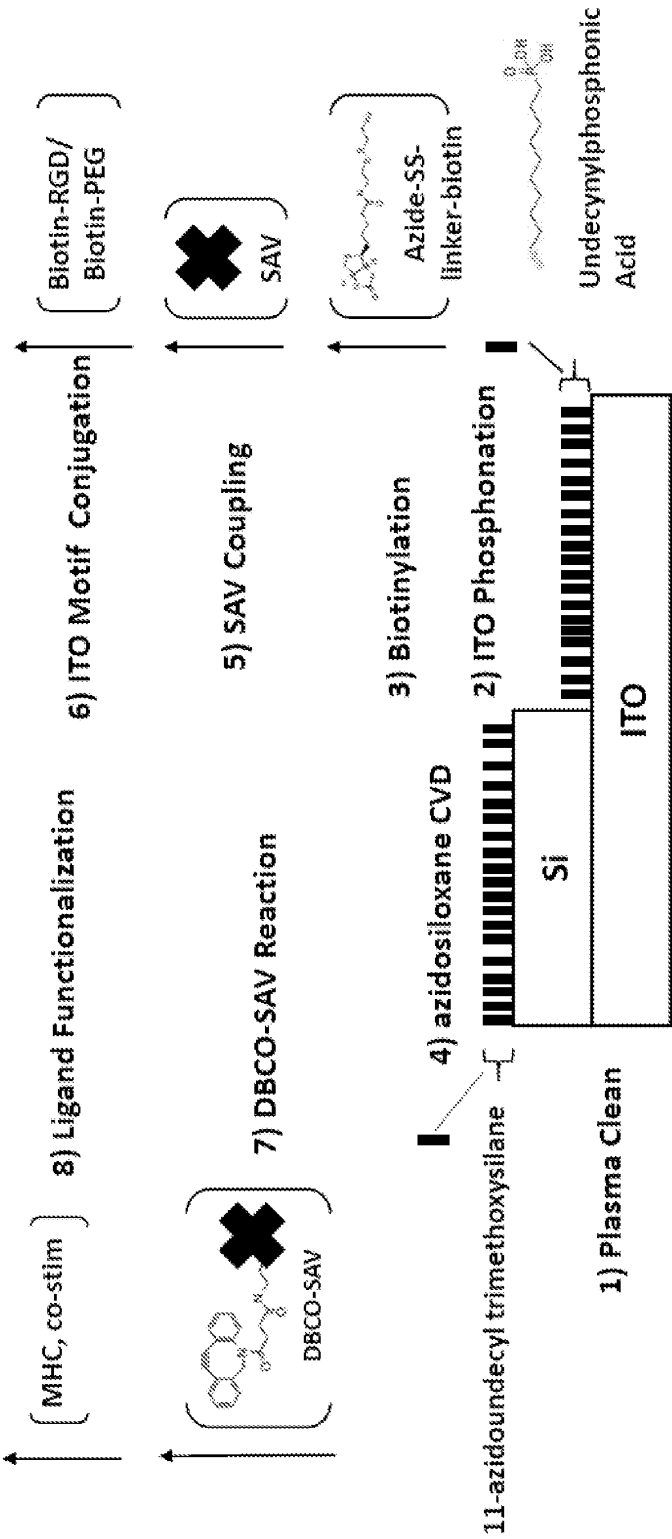


FIG. 6

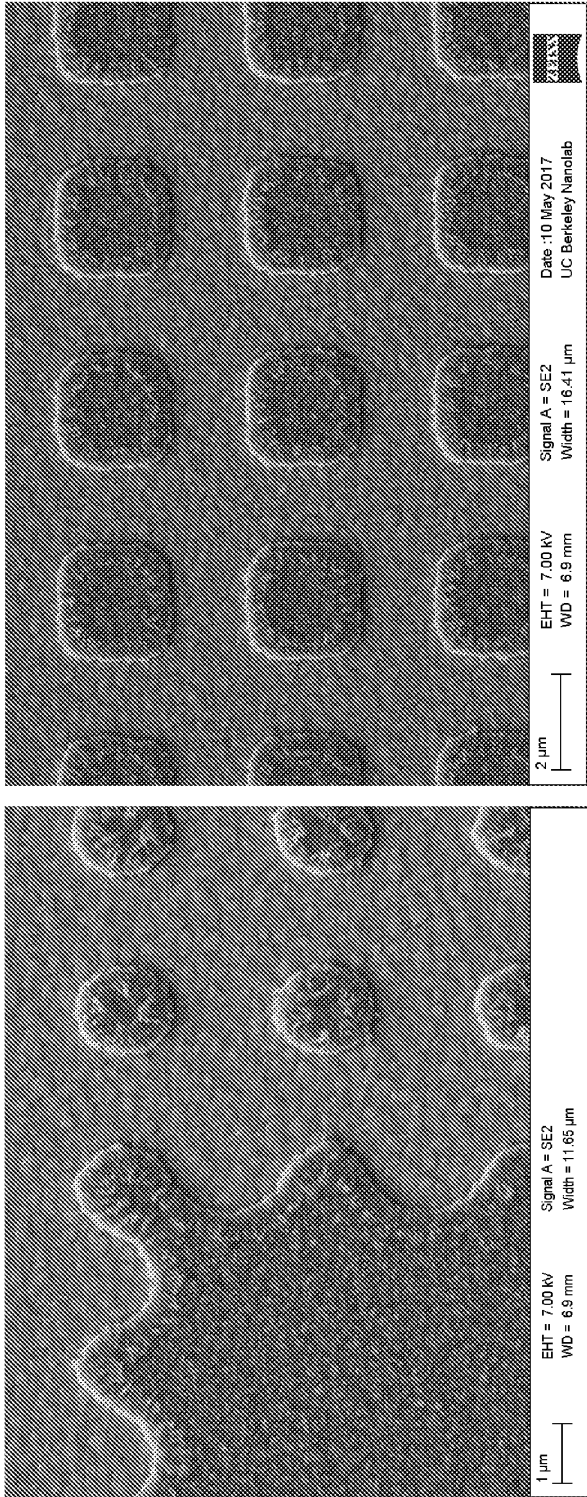


FIG. 7B

FIG. 7A

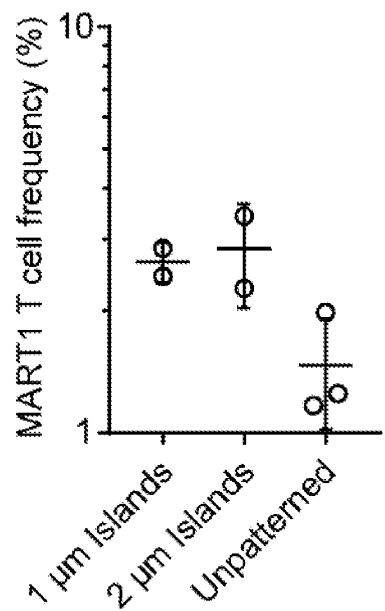


FIG. 8A

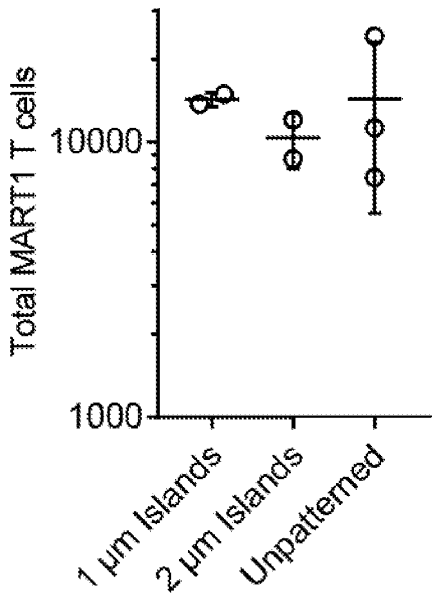


FIG. 8B

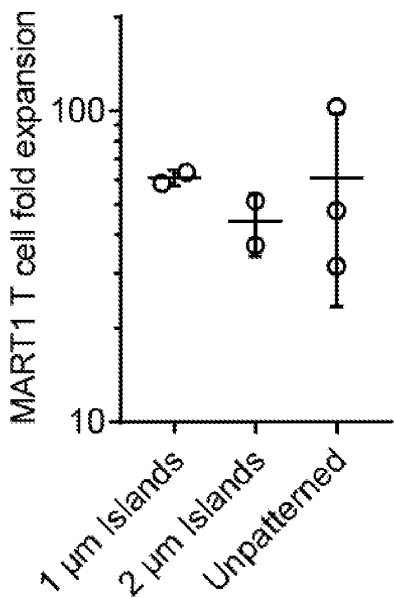


FIG. 8C

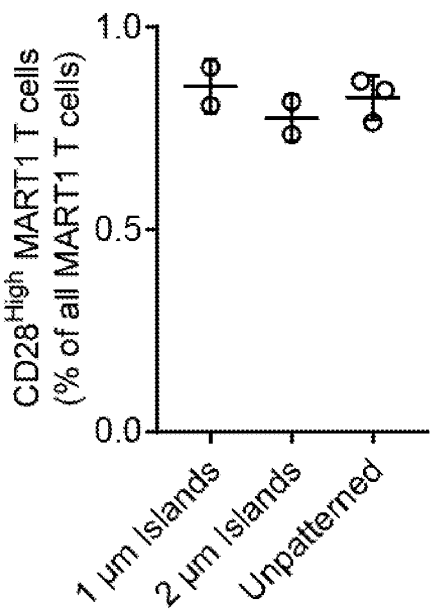
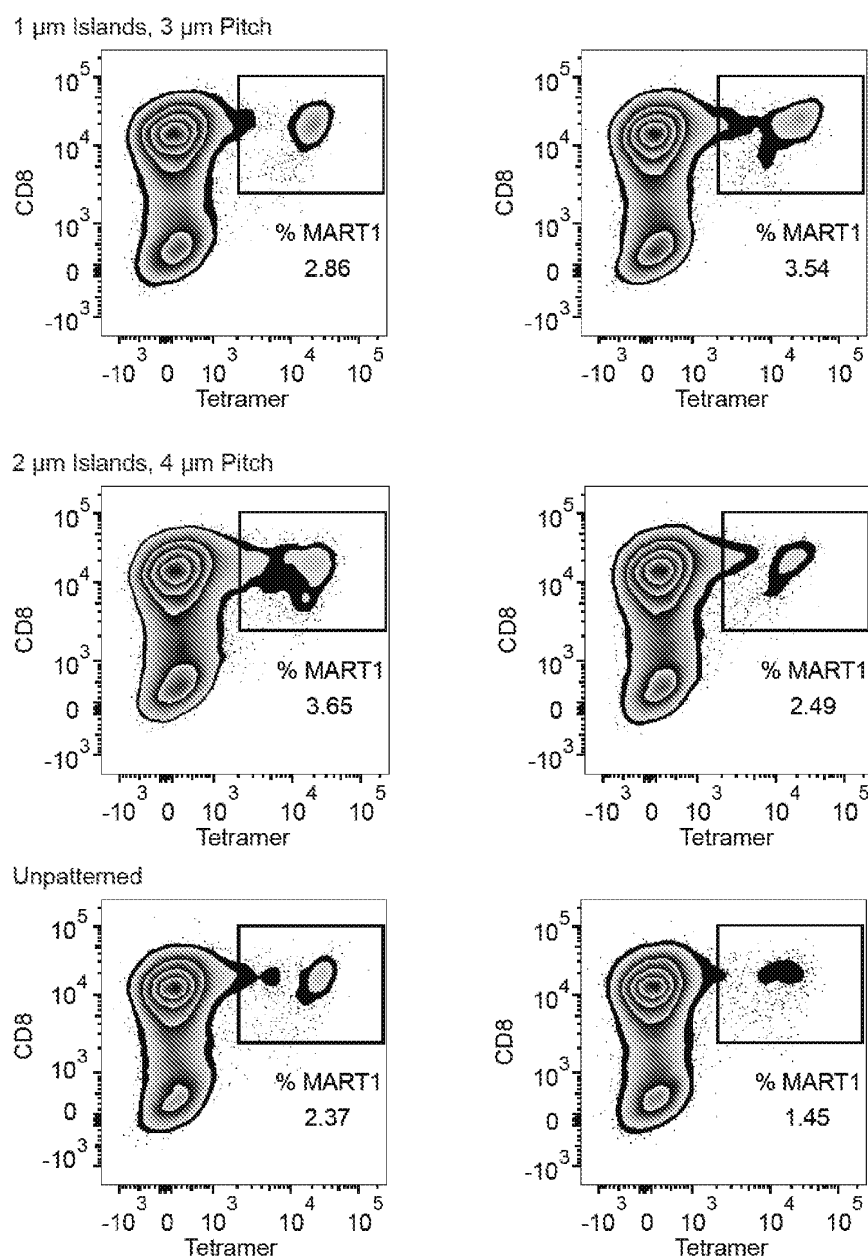


FIG. 8D

17/38

**FIG. 9**

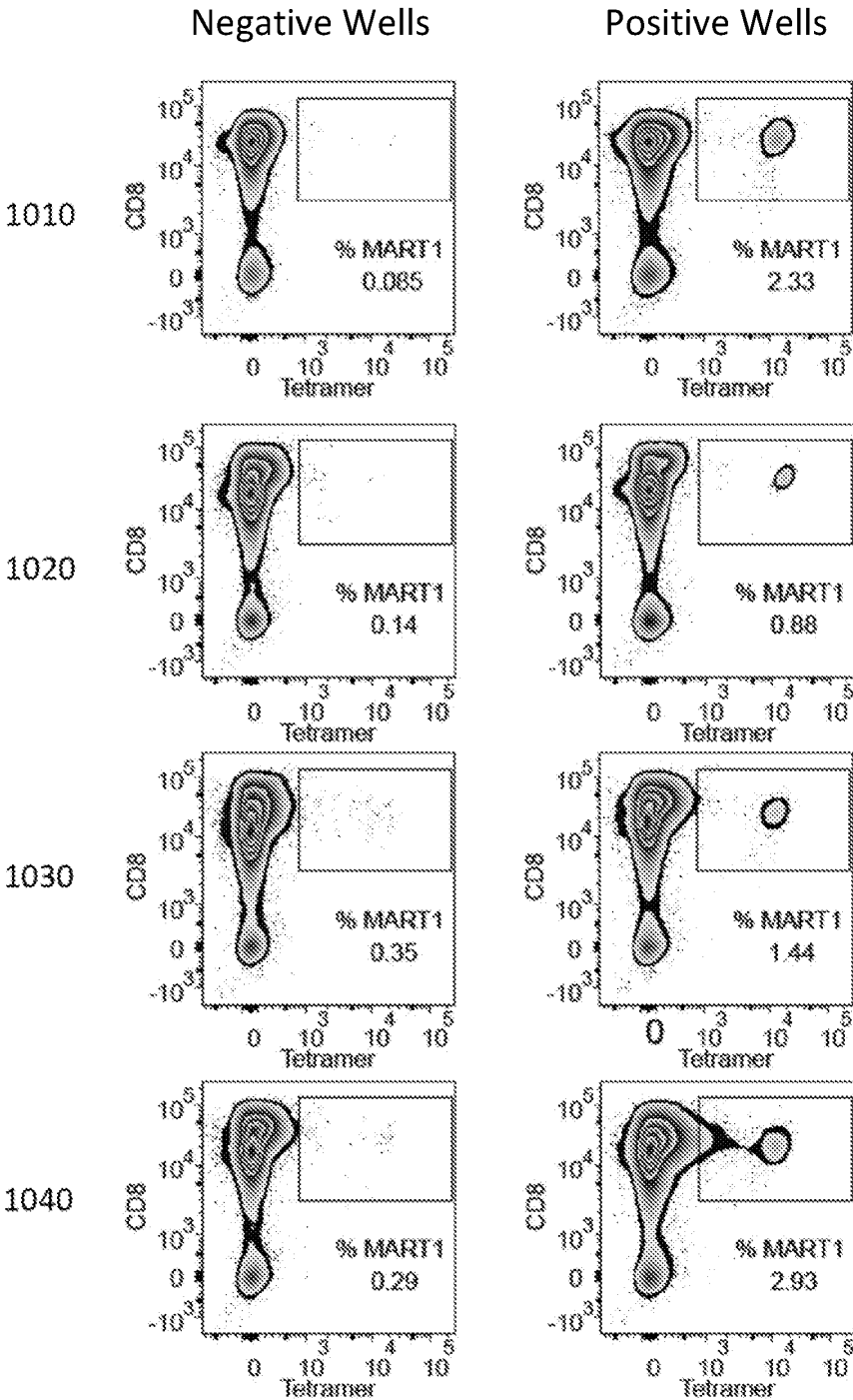


FIG.10

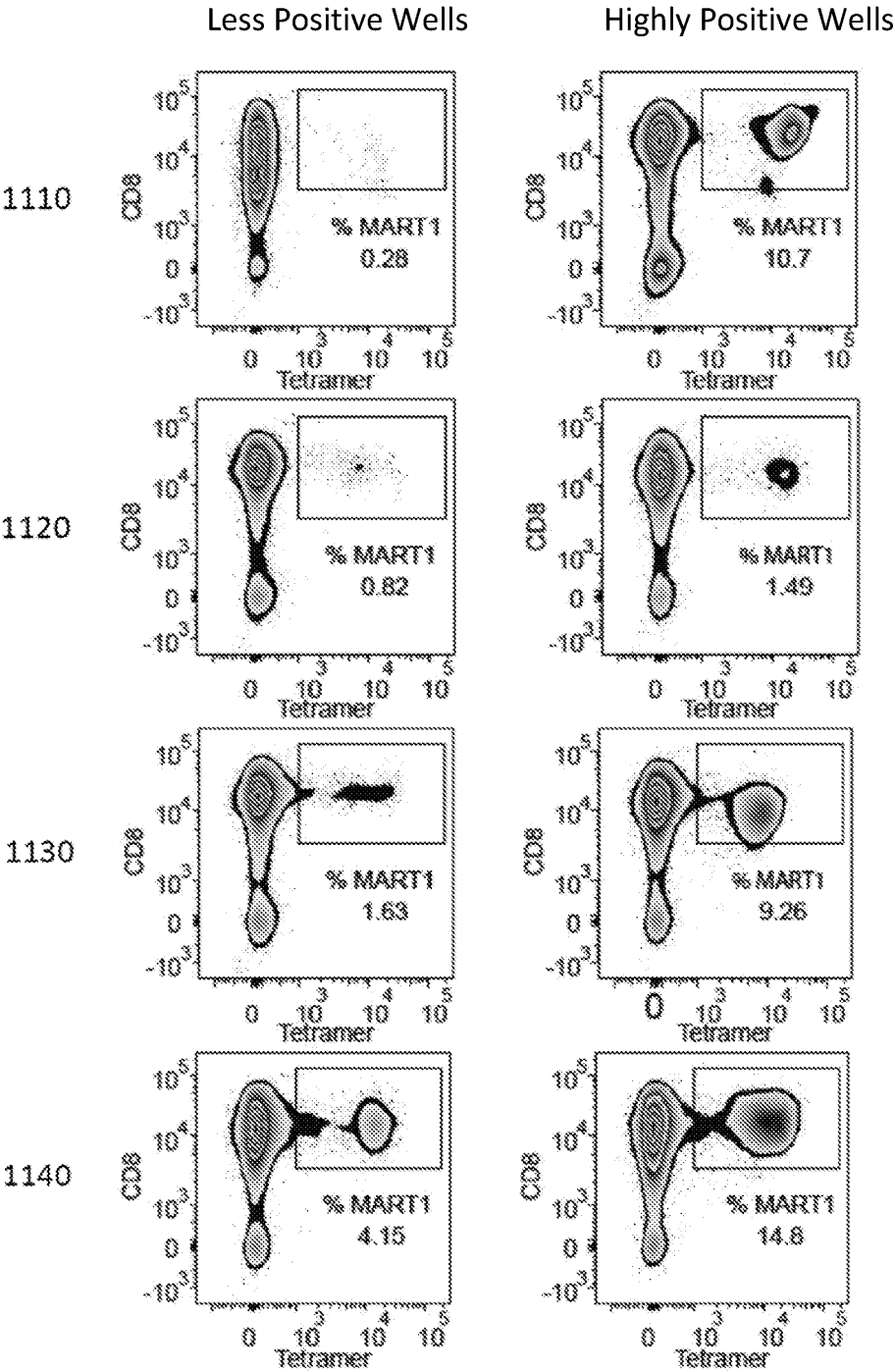


FIG. 11

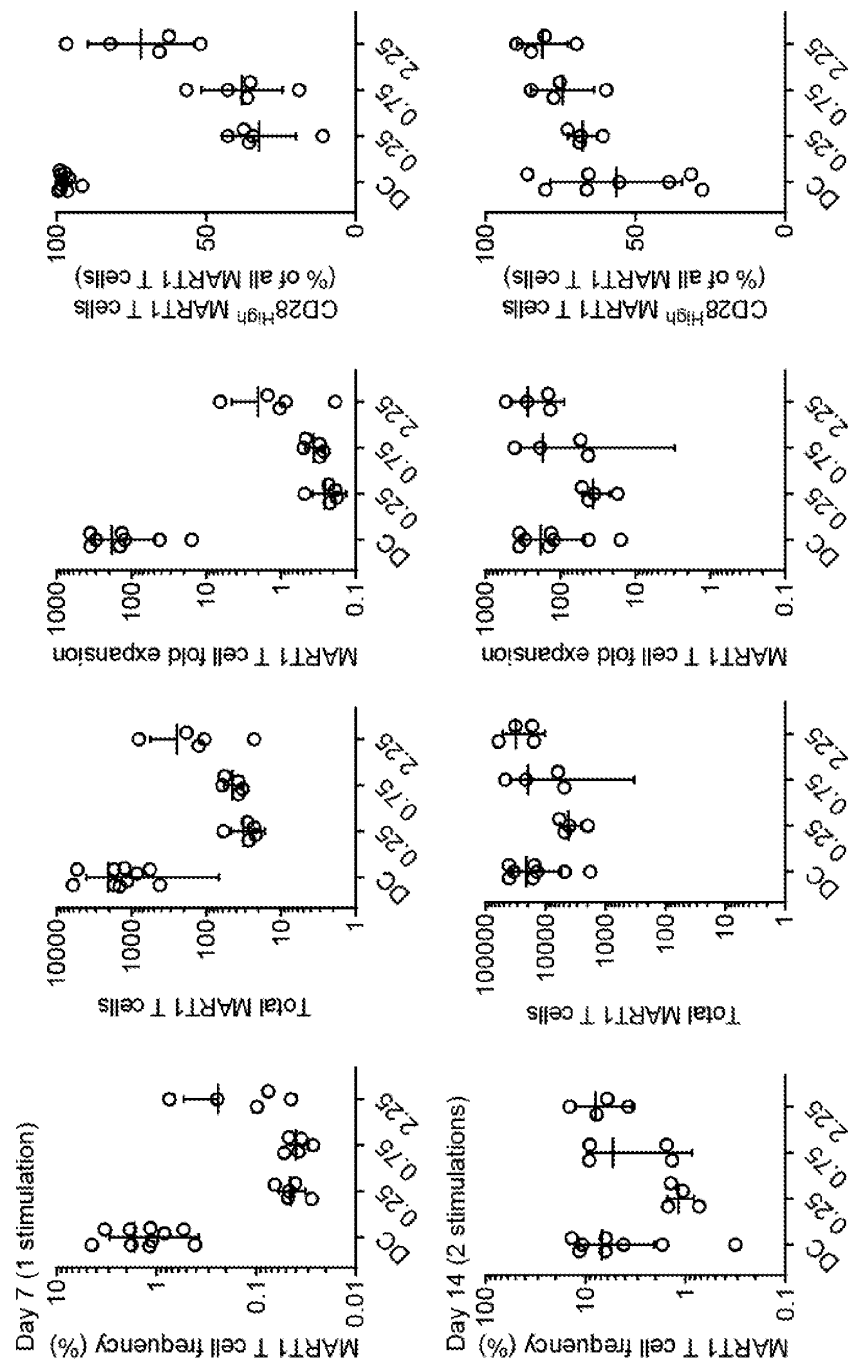
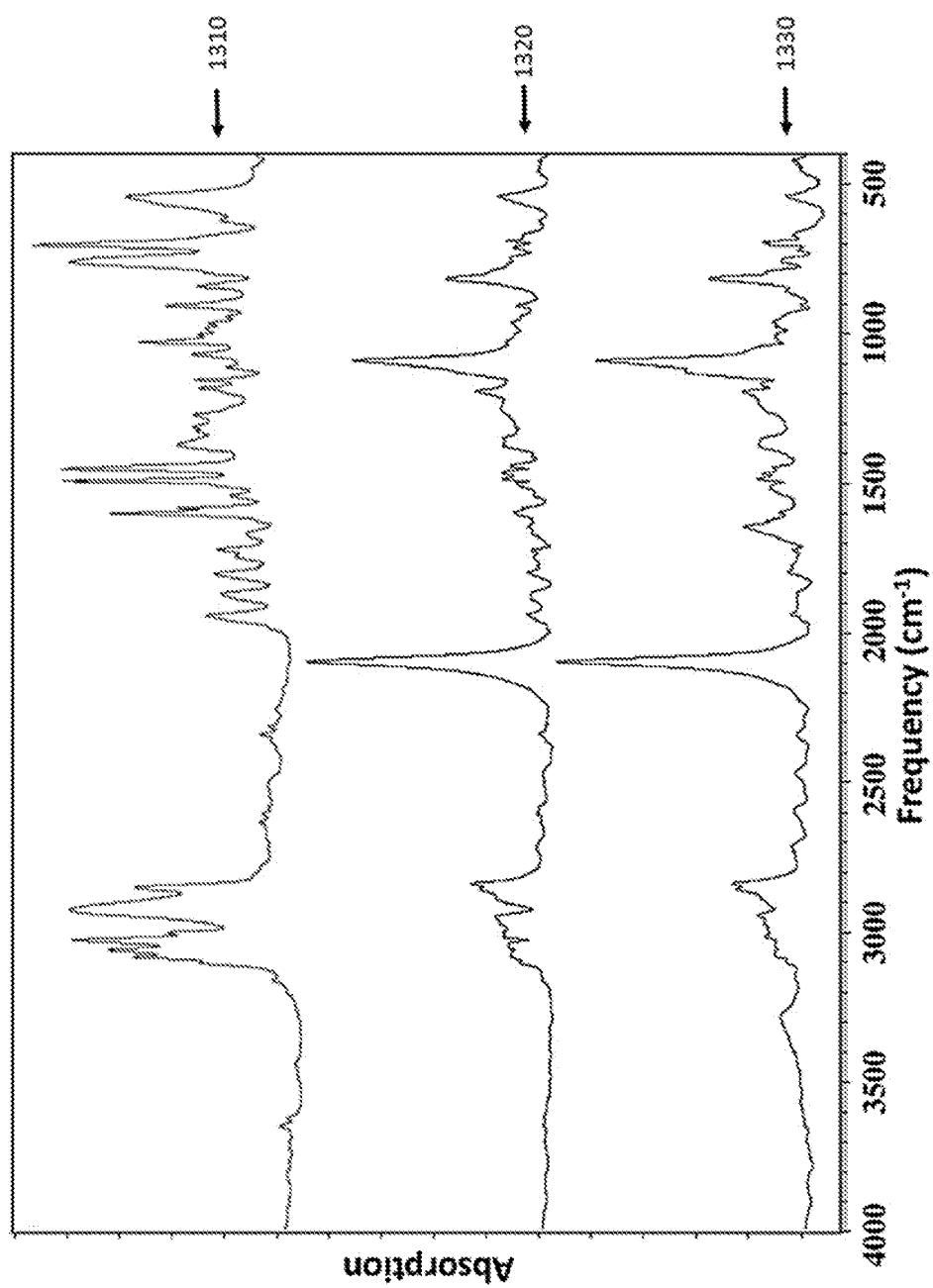


FIG. 12

DC Dendritic cell stimulation
0.25 aAPC stimulation - 0.25 µg costimulation antibody / 1e7 beads
0.75 aAPC stimulation - 0.75 µg costimulation antibody / 1e7 beads
2.25 aAPC stimulation - 2.25 µg costimulation antibody / 1e7 beads

21/38

**FIG. 13**

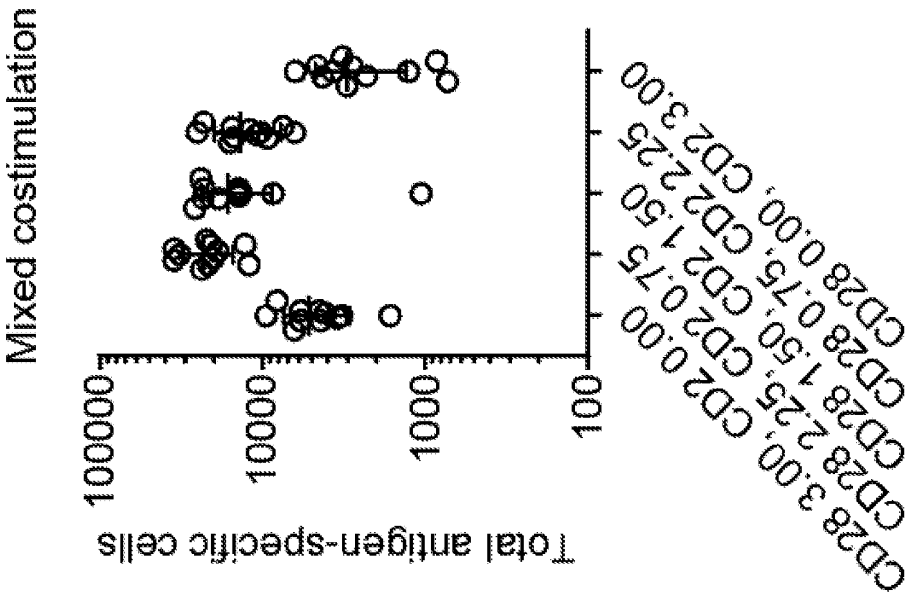


FIG. 14B

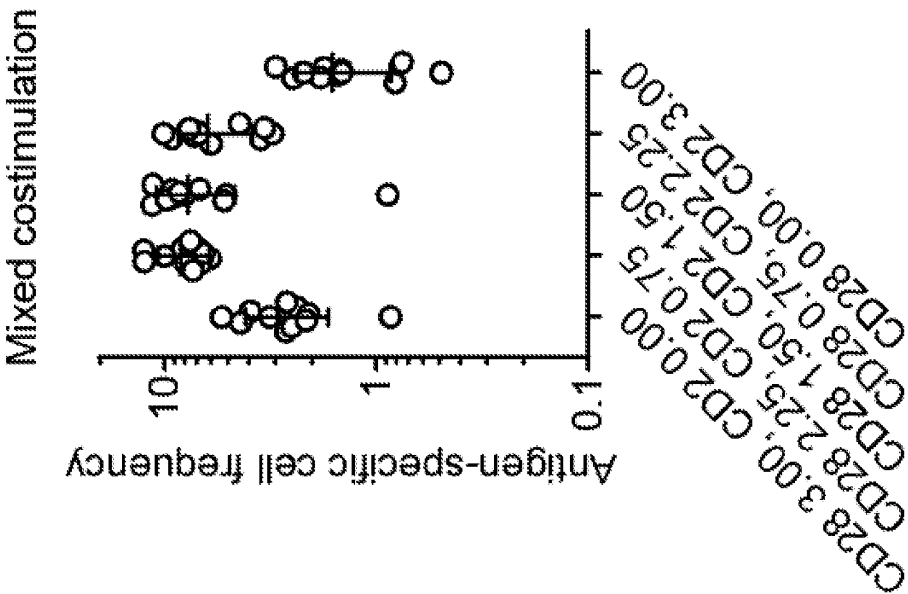


FIG. 14A

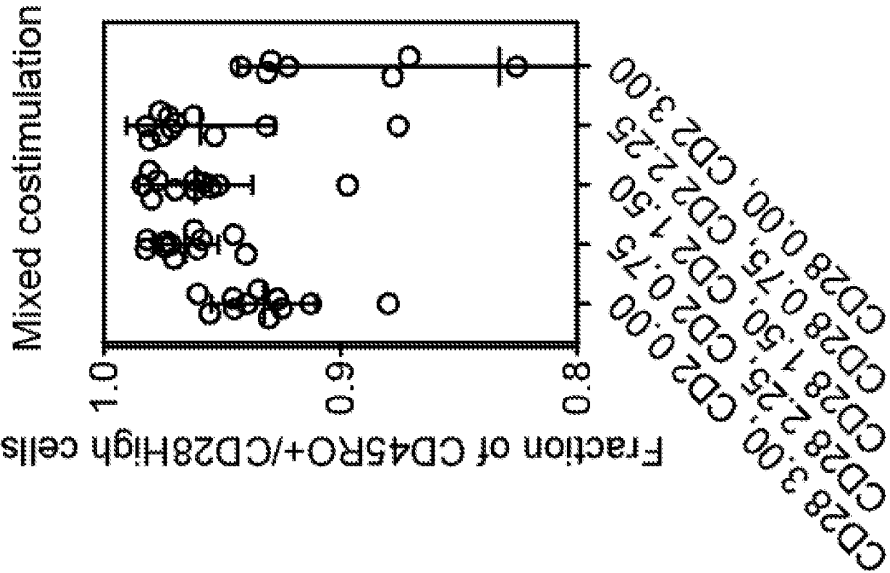


FIG. 14D

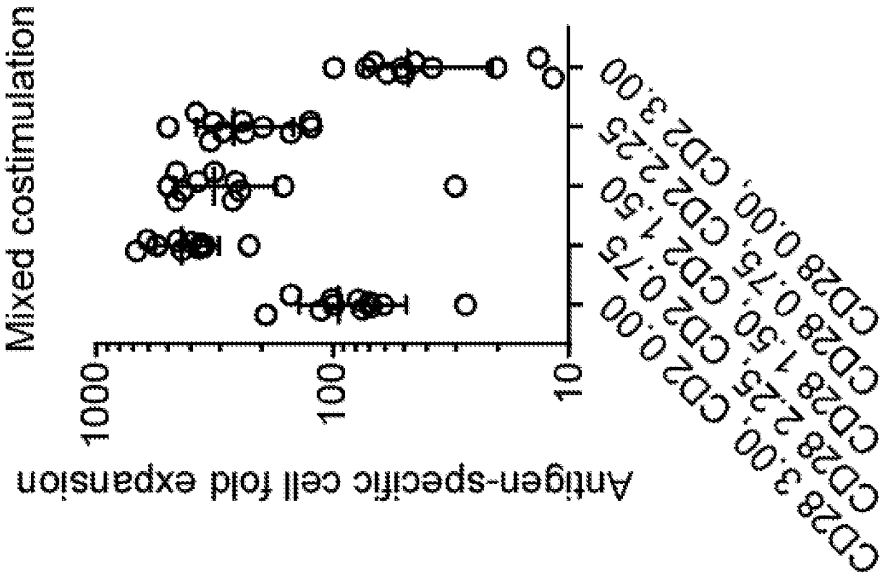


FIG. 14C

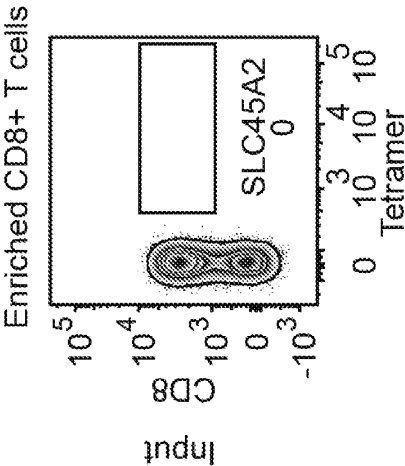


FIG. 15A

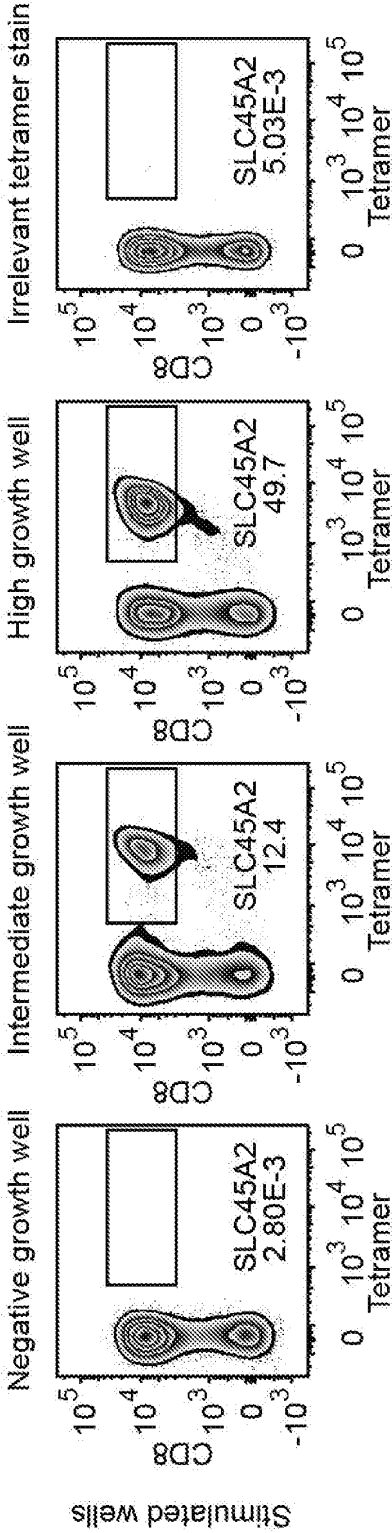


FIG. 15B

FIG. 15C

FIG. 15D

FIG. 15E

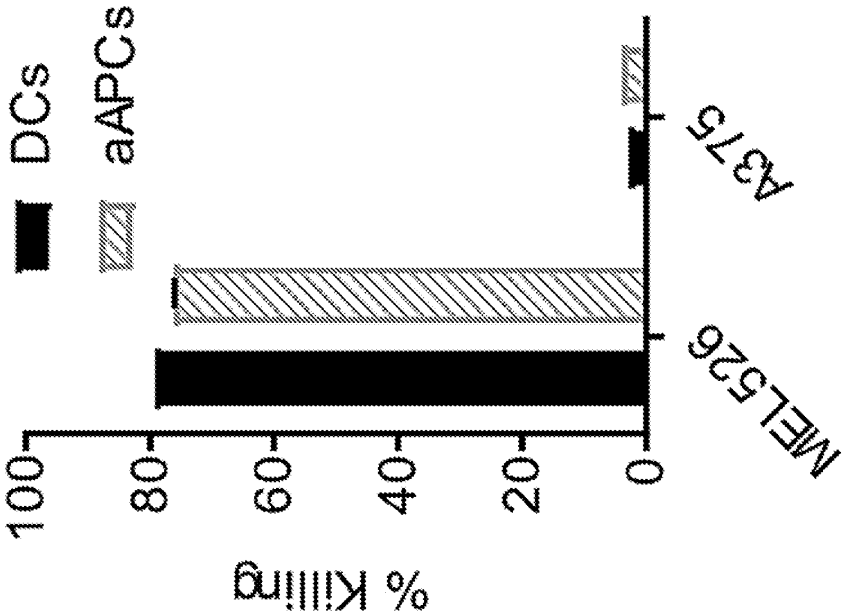


FIG. 17

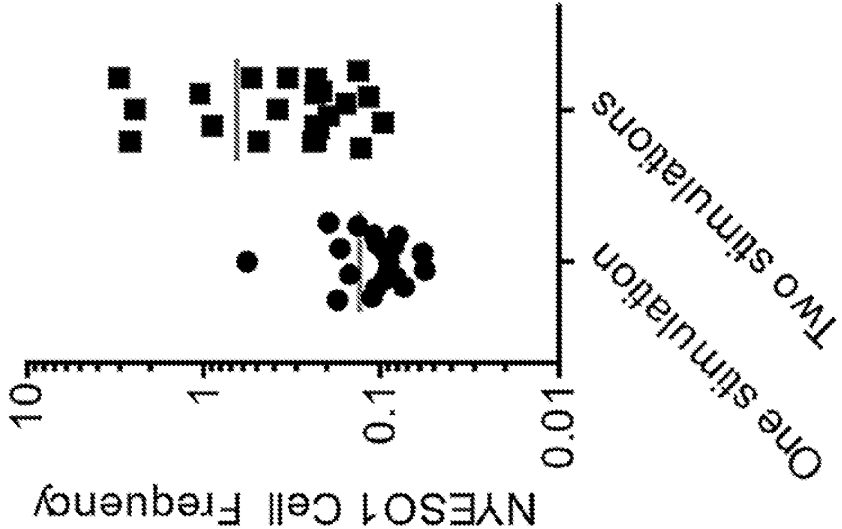


FIG. 16

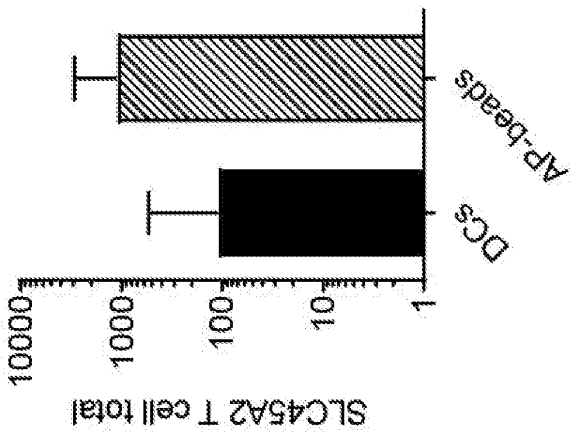


FIG. 18C

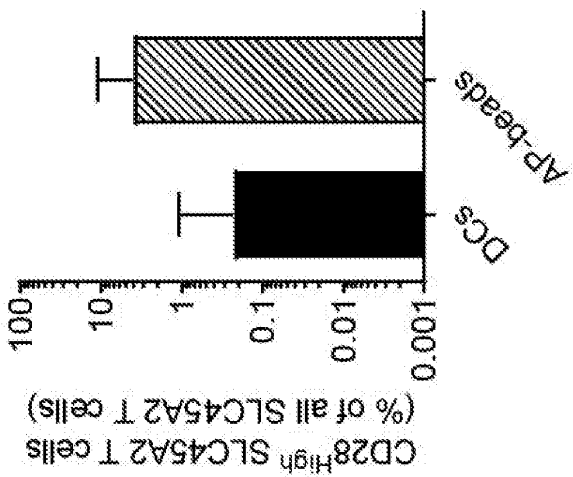


FIG. 18B

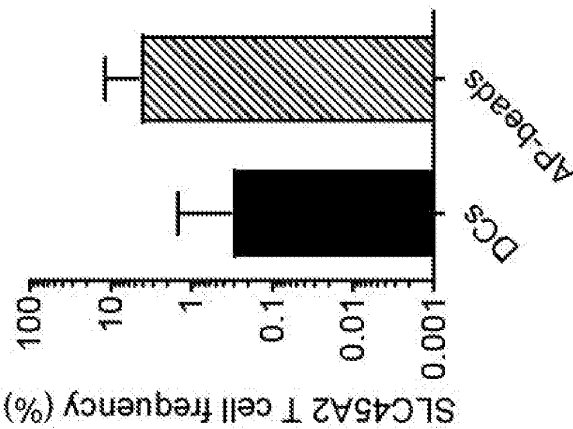


FIG. 18A

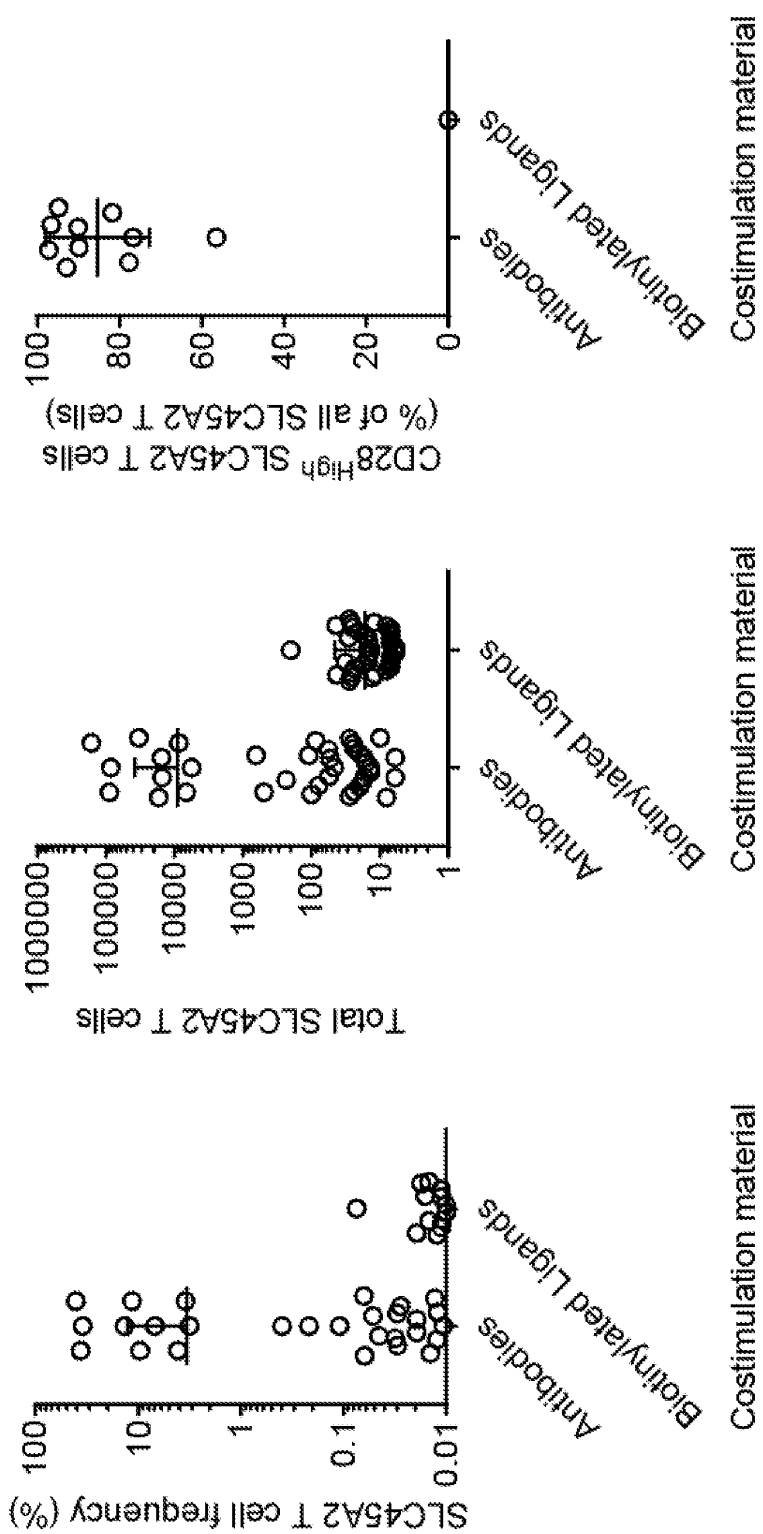


FIG. 19A

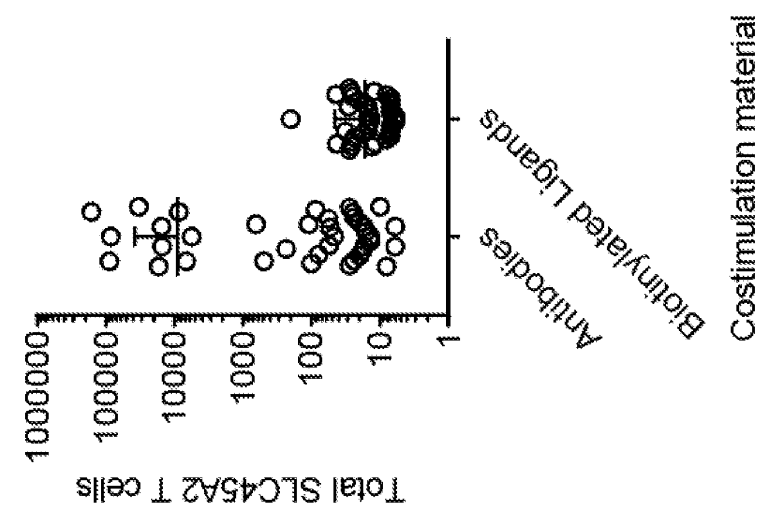


FIG. 19B

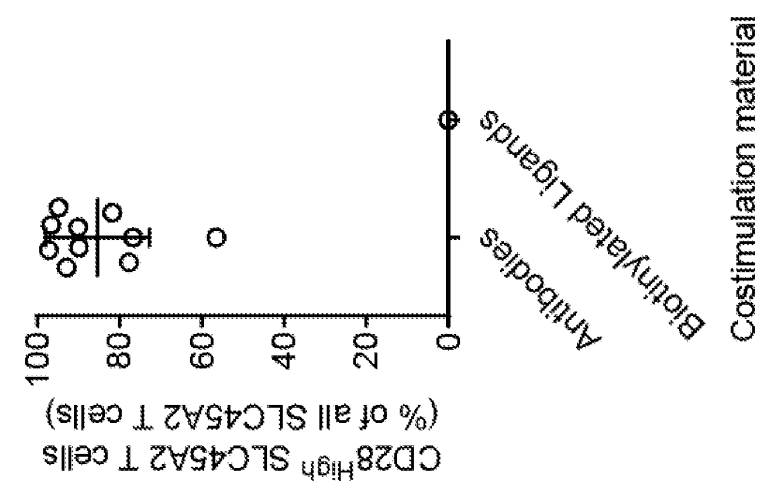


FIG. 19C

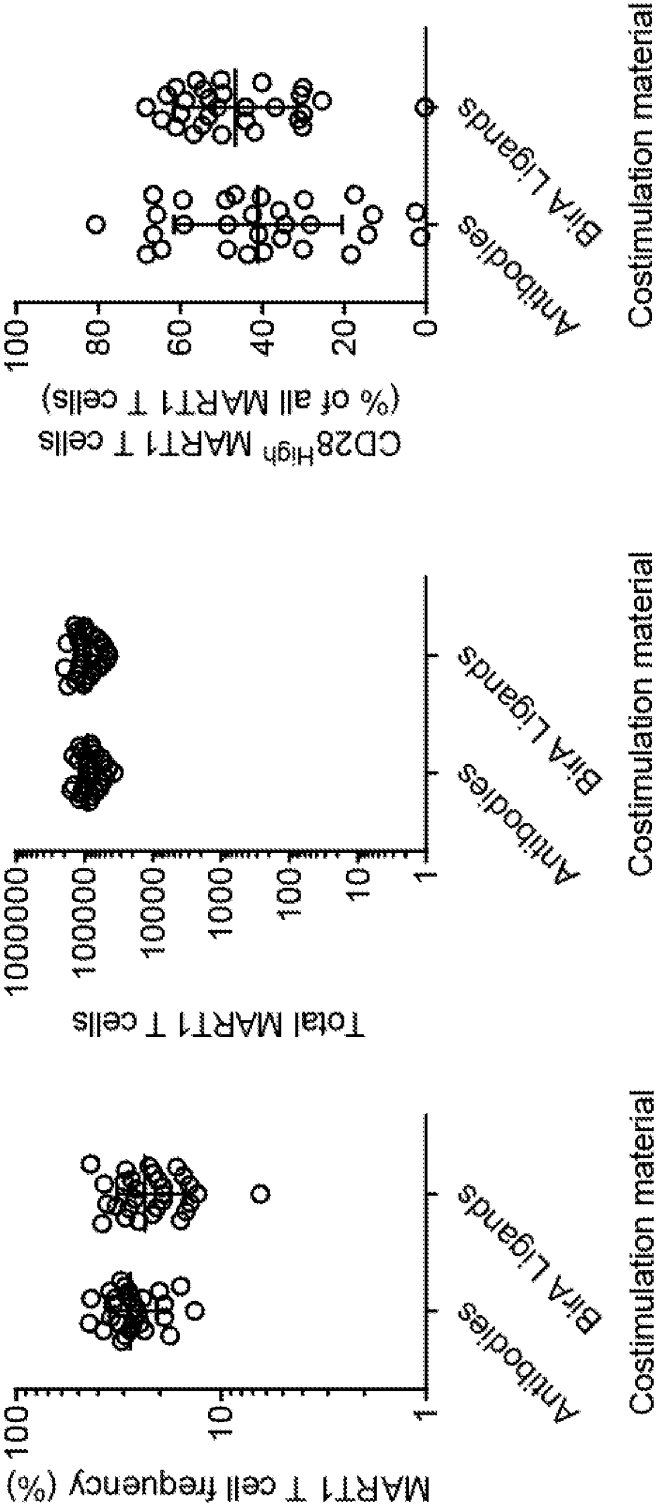


FIG. 19D

FIG. 19E

FIG. 19F

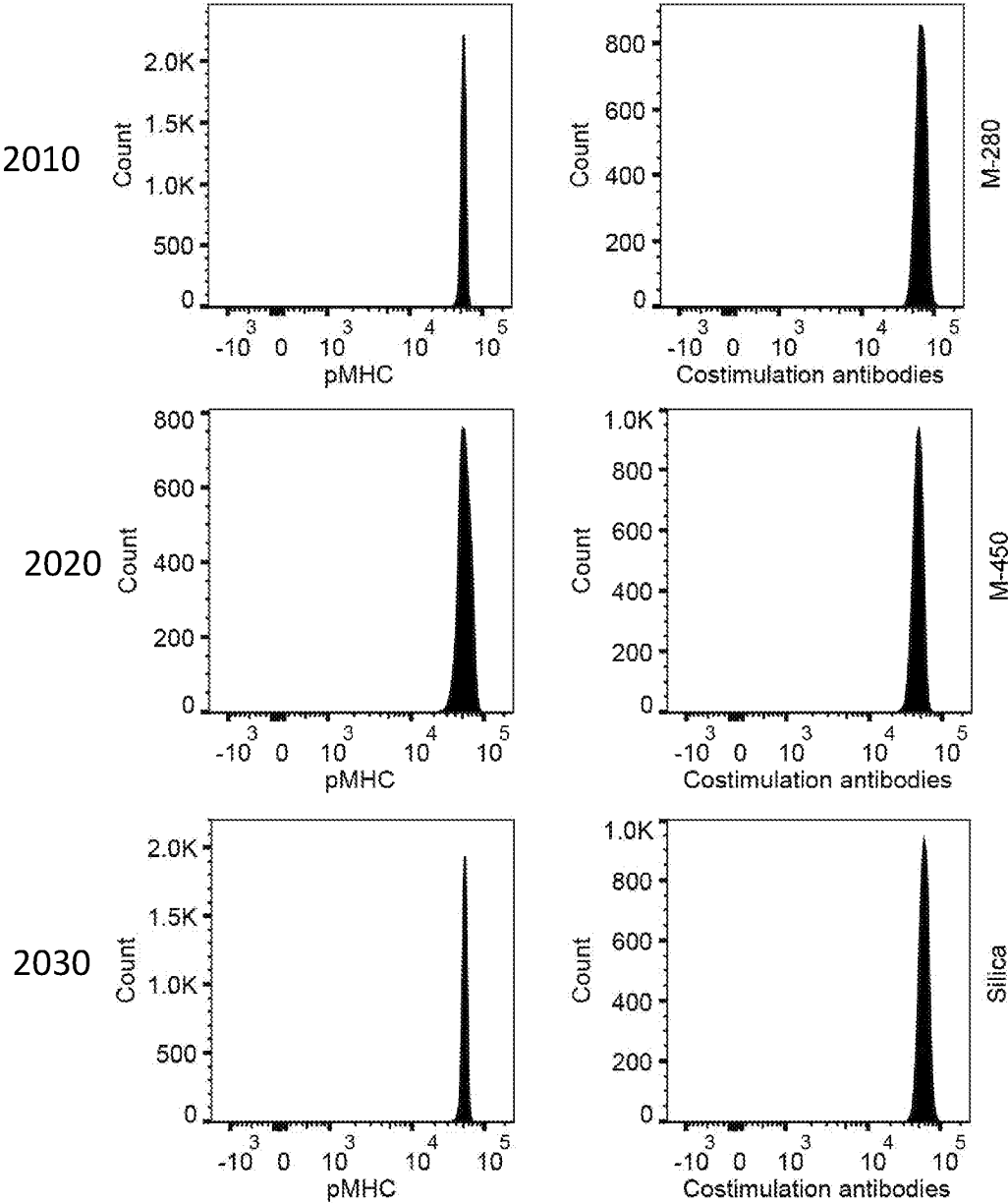
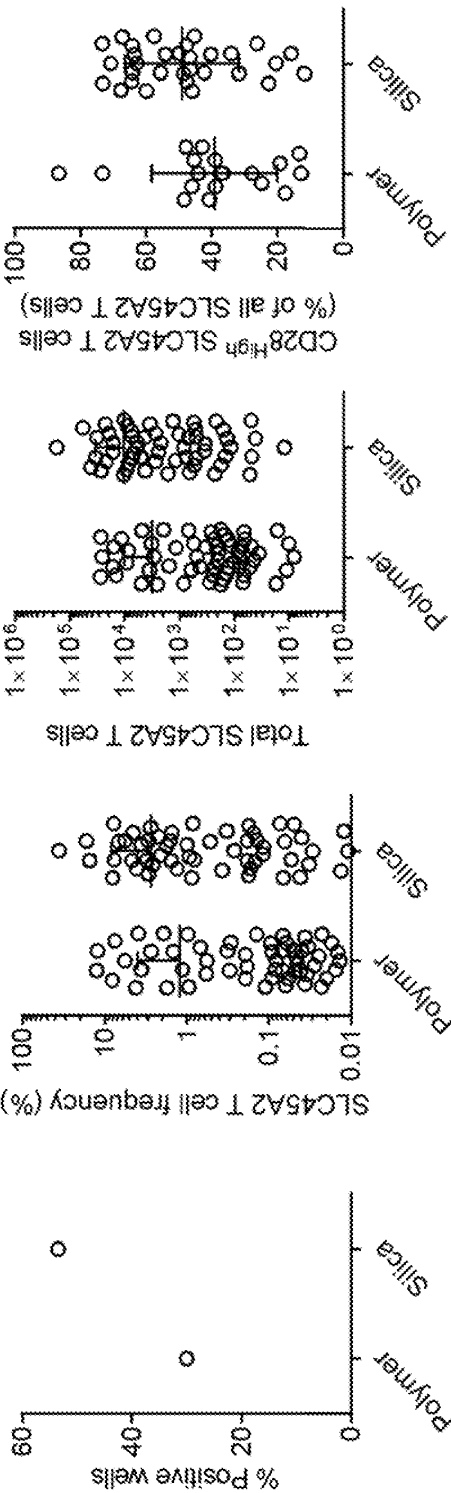


FIG. 20A



Polymer = convoluted 2.8 micron polymeric bead

FIG. 20B

FIG. 20C

FIG. 20D

FIG. 20E

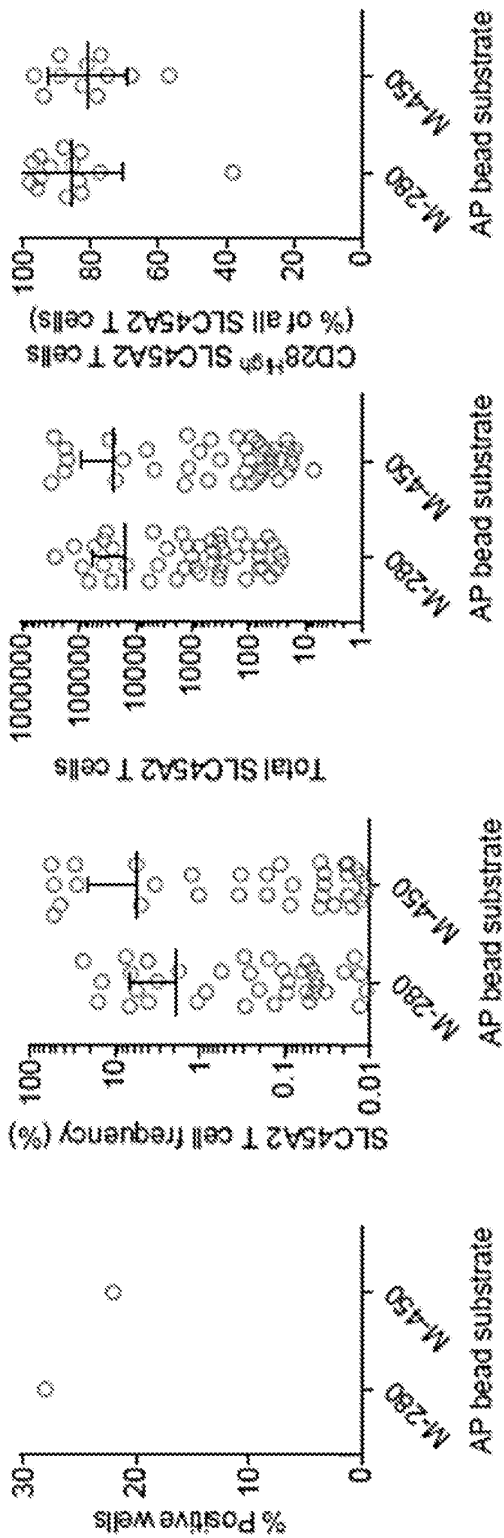


FIG. 20F

FIG. 20G

FIG. 20H

FIG. 20I

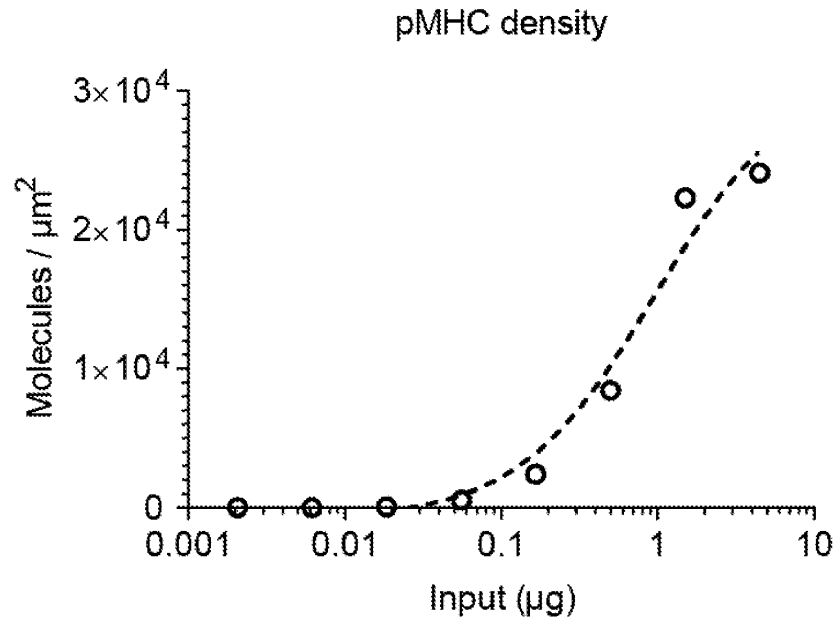


FIG. 21A

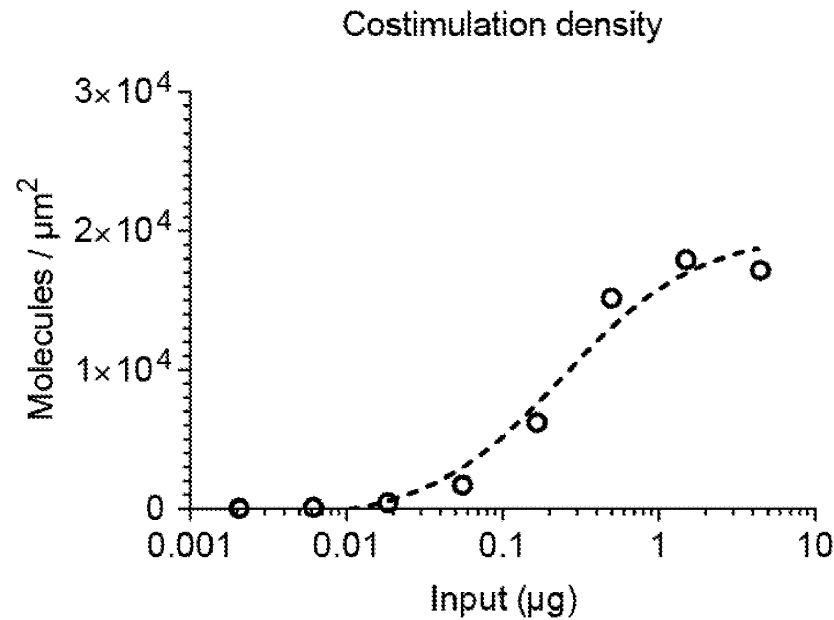


FIG. 21B

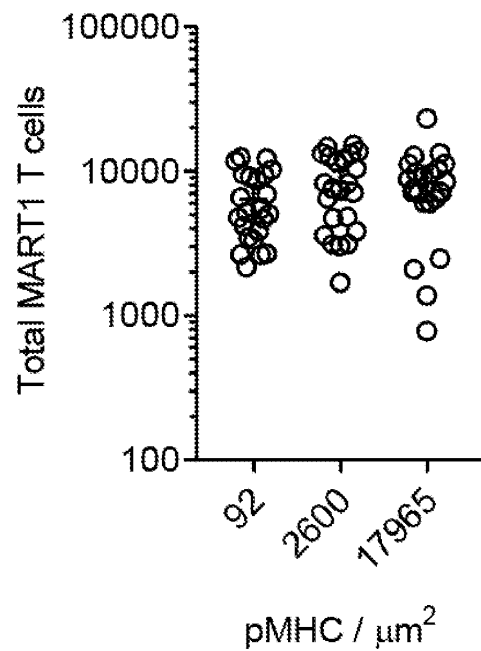


FIG. 21C

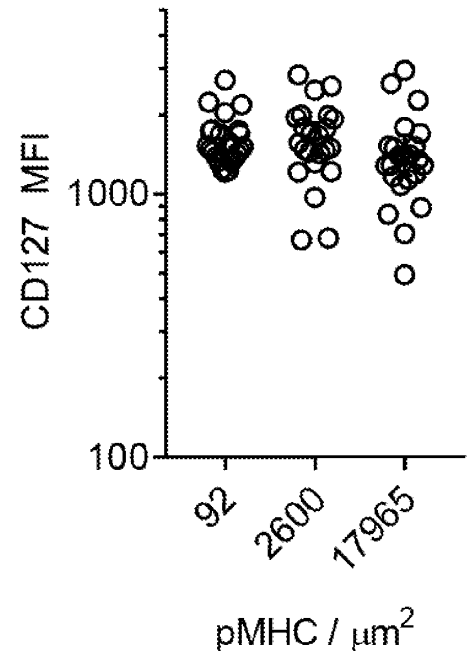


FIG. 21D

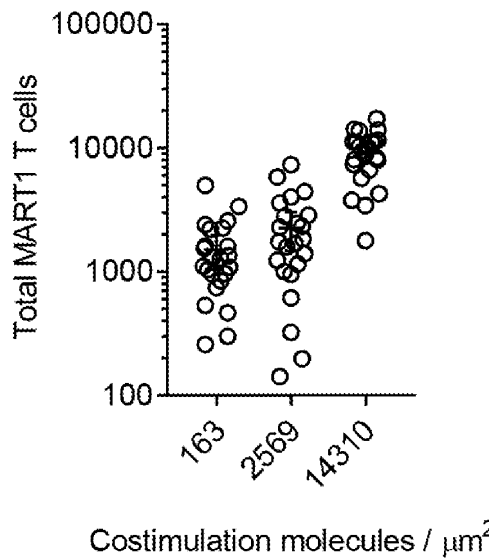


FIG. 21E

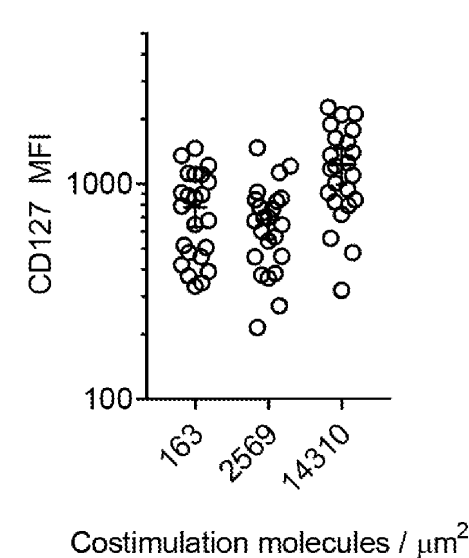


FIG. 21F

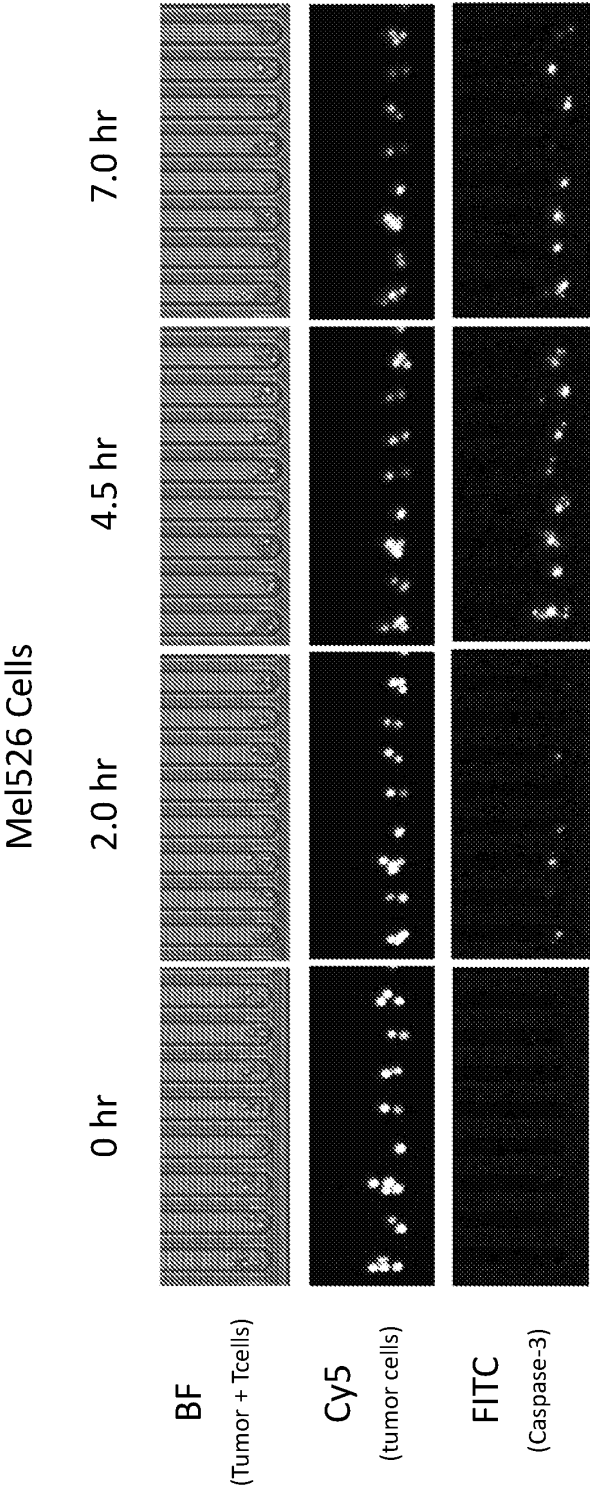
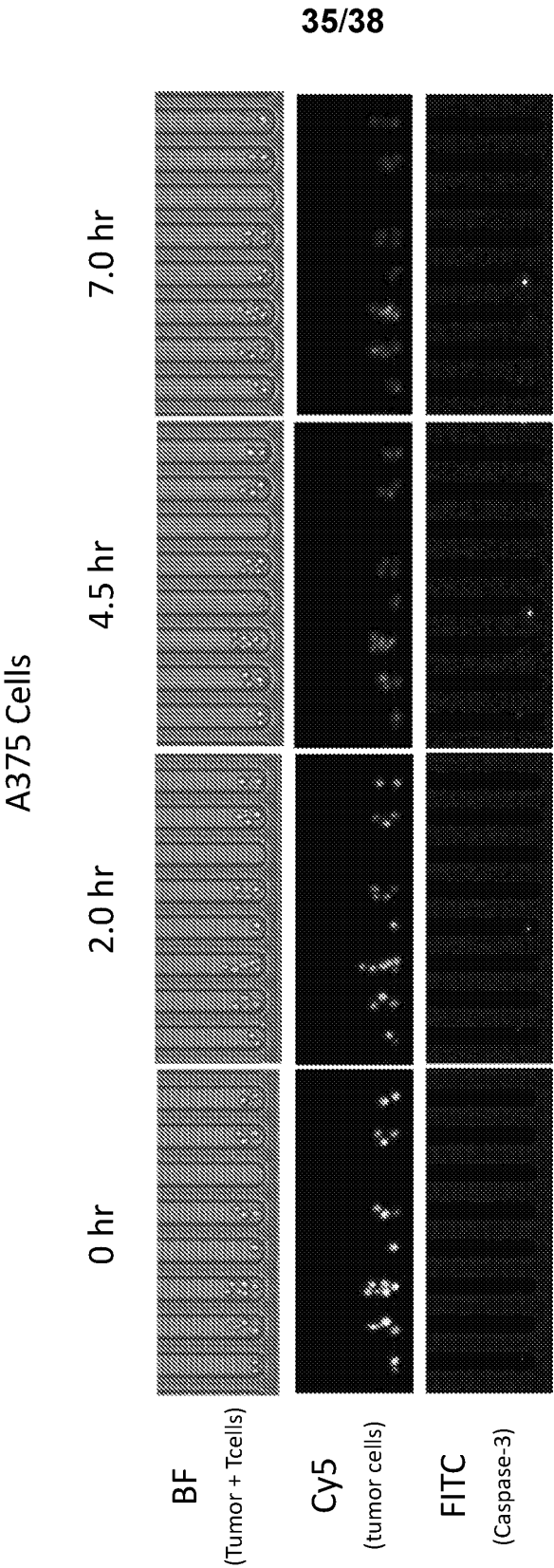


FIG. 22A



35/38

FIG. 22B

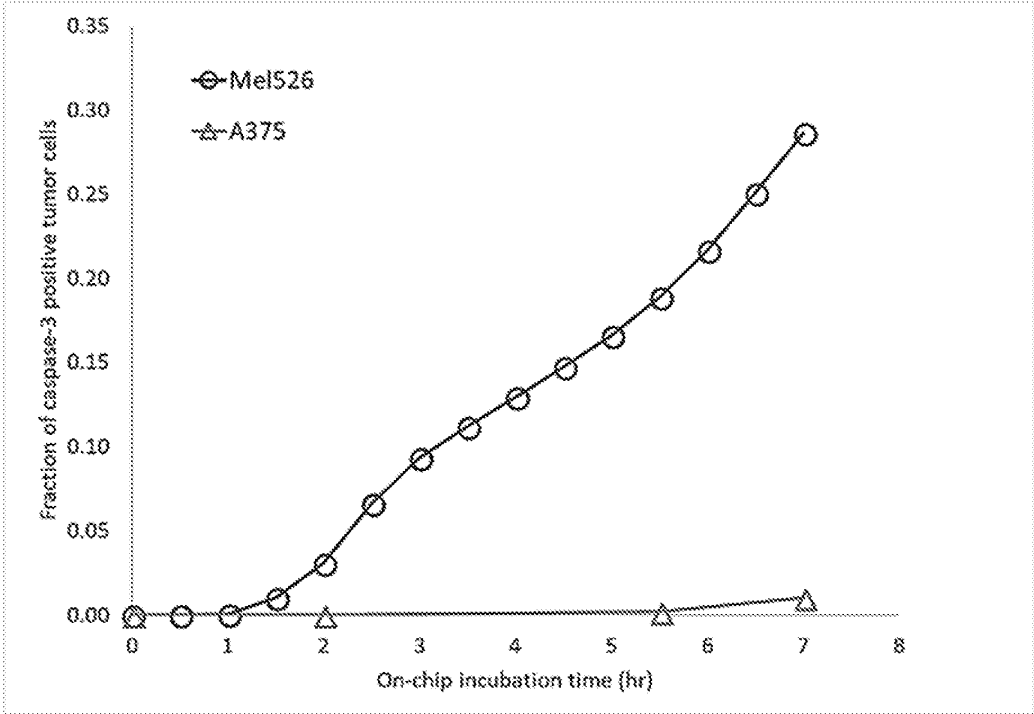


FIG. 22C

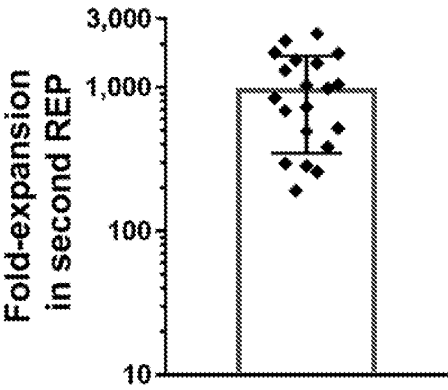


FIG. 23A

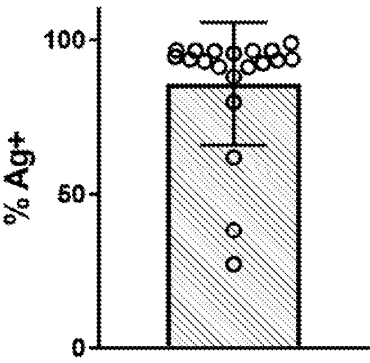


FIG. 23B

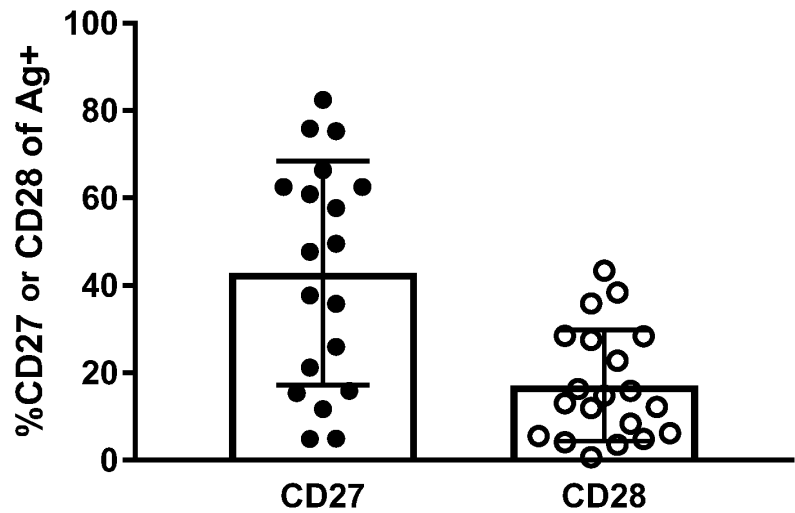


FIG. 23C

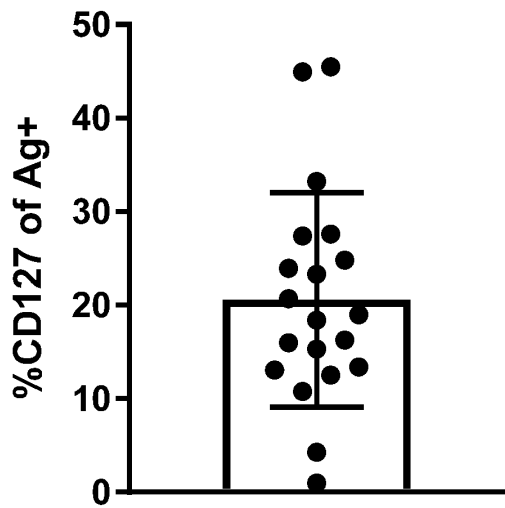
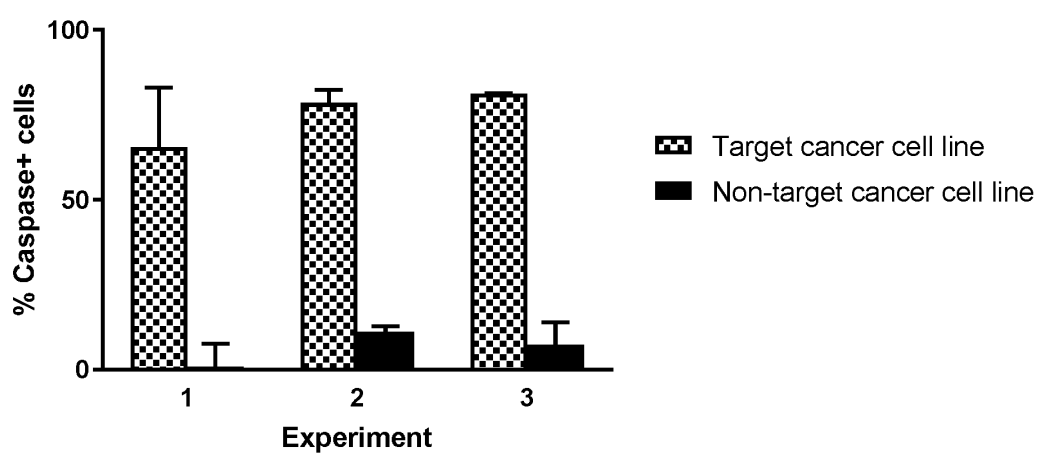


FIG. 23D

38/38

**FIG. 23E**