

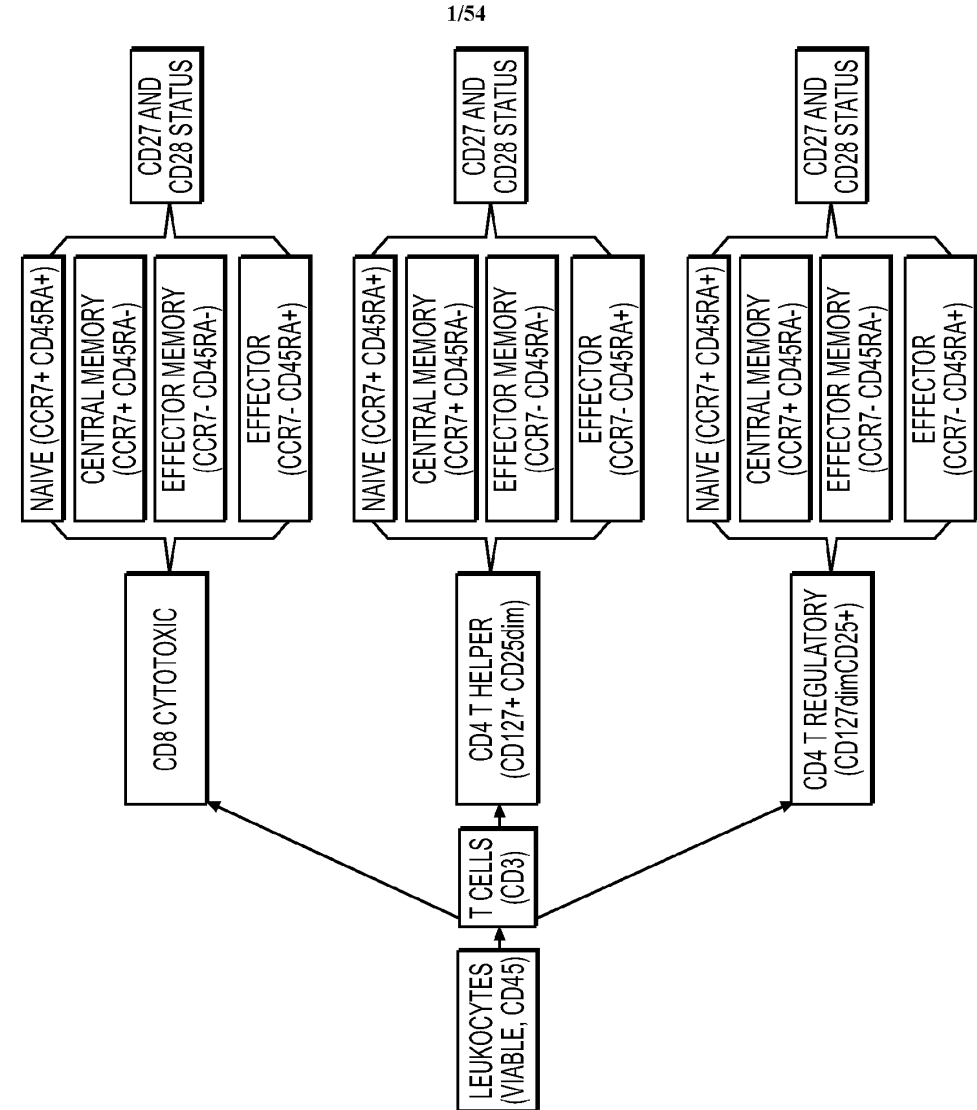


FIG. 1A

T CELL PANEL	
VIABILITY	ELIMINATE NON-VIABLE CELLS FROM ANALYSIS
CD45	IDENTIFY LEUKOCYTES
CD3	IDENTIFY T CELLS
CD4	IDENTIFY CD4 HELPER (Th) AND REGULATORY (Treg) T CELLS
CD8	IDENTIFY CD8 CYTOTOXIC T CELLS
CD25	Th VS. Treg MARKER
CD127	Th VS. Treg CELL MARKER
CD45RA	NAIVE VS. MEMORY CELLS
CCR7	CENTRAL VS. EFFECTOR MEMORY CELLS
CD27	ALLOWS FURTHER REFINEMENT OF T CELL NAIVE, MEMORY, AND EFFECTOR SUBSETS
CD28	ALLOWS FURTHER REFINEMENT OF T CELL NAIVE, MEMORY, AND EFFECTOR SUBSETS

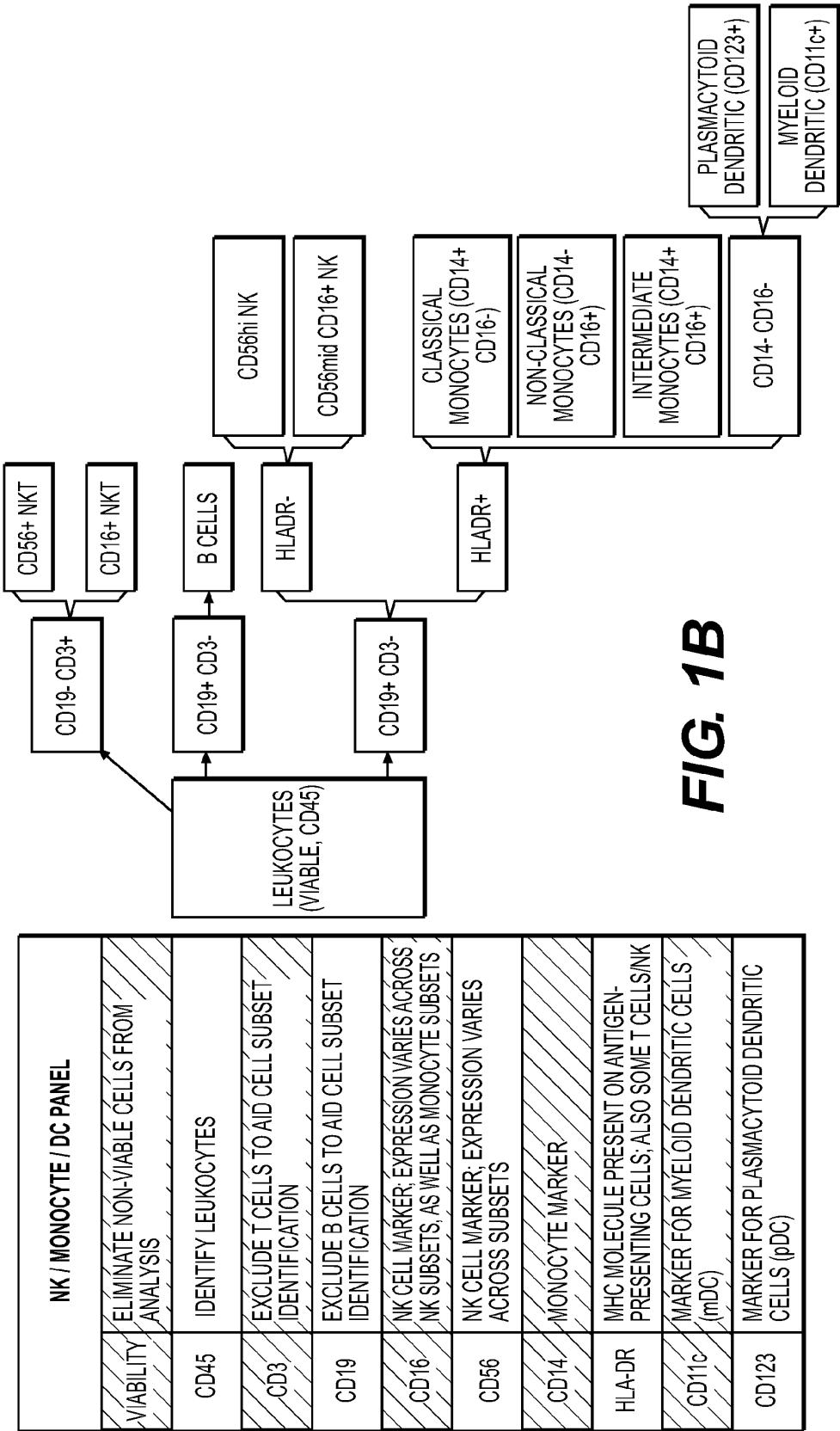


FIG. 1B

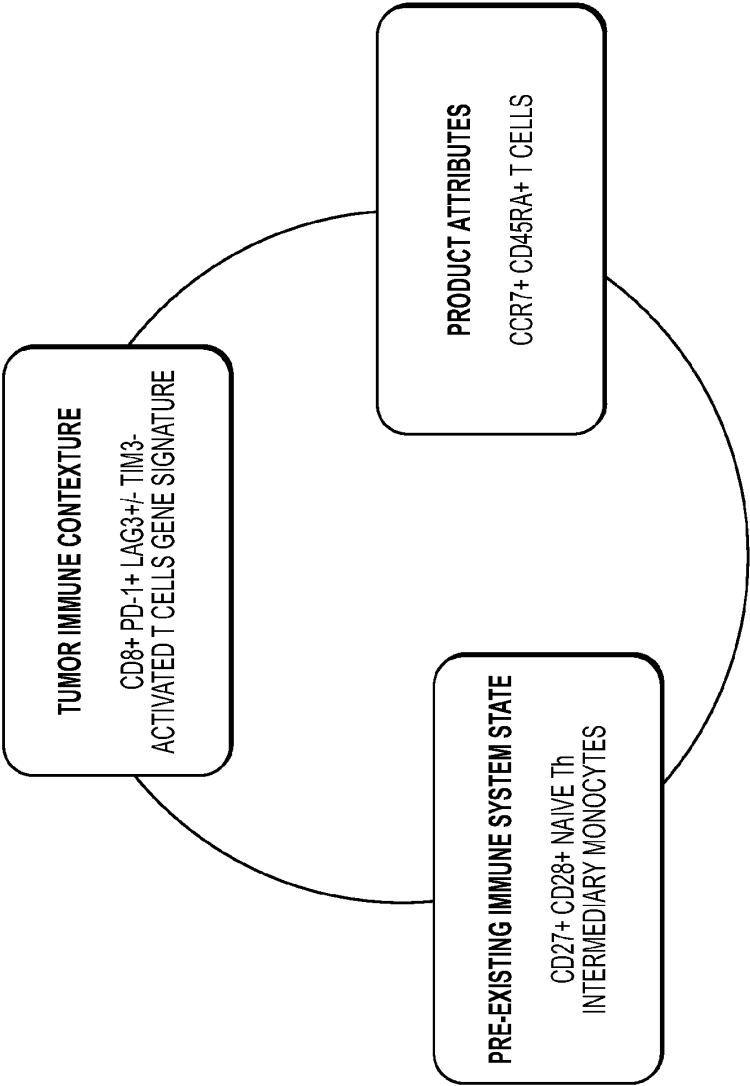


FIG. 1C

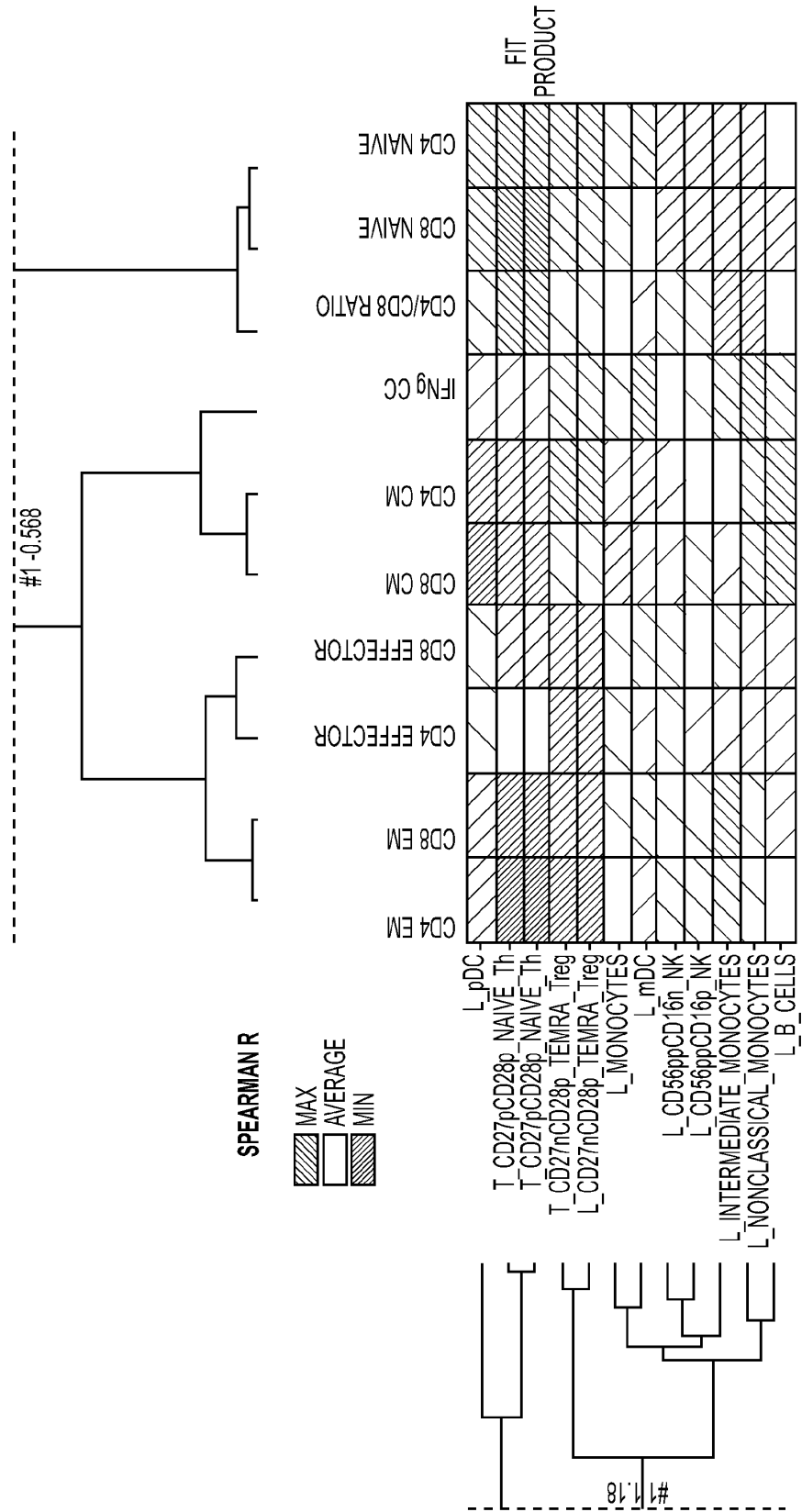


FIG. 2

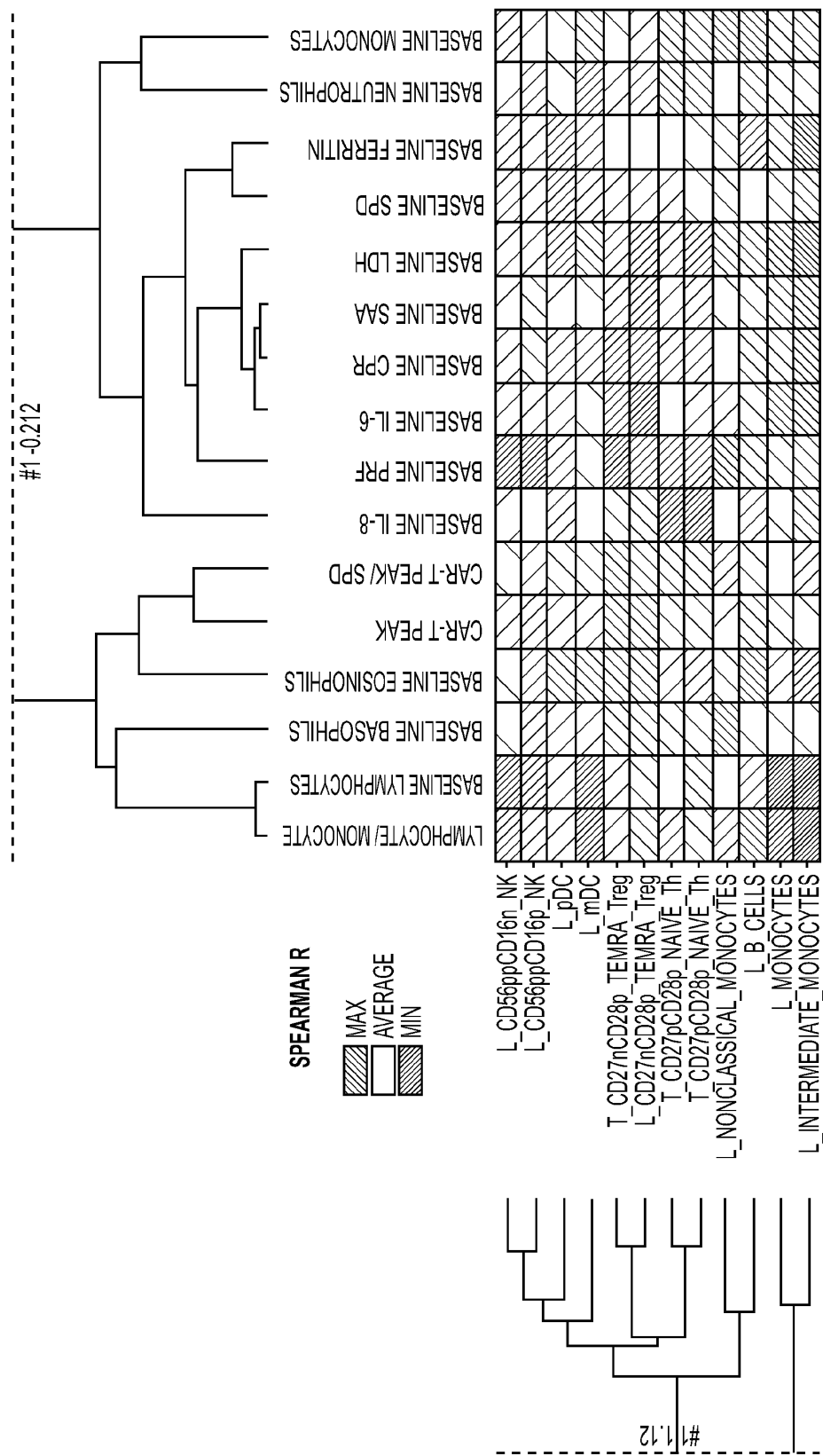


FIG. 3

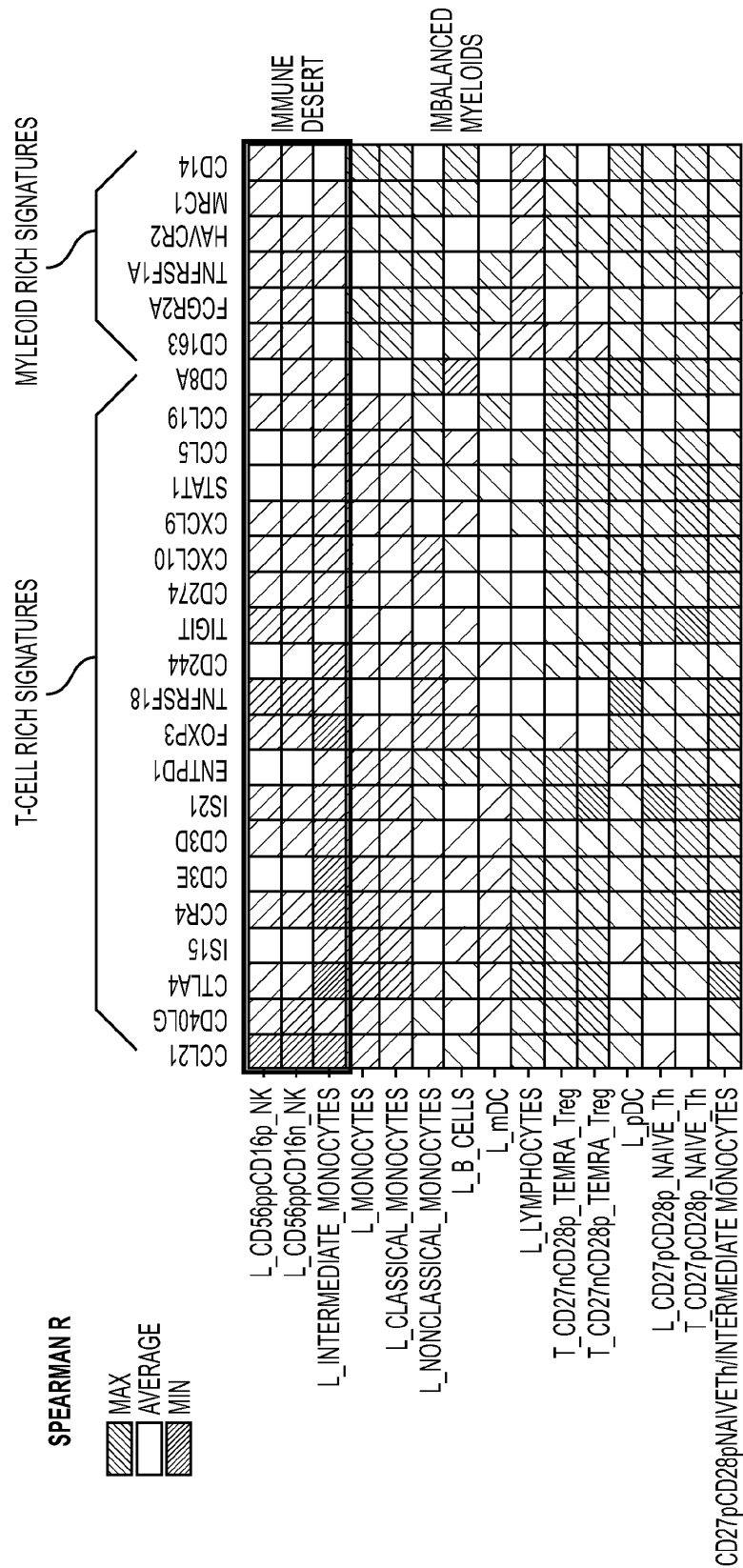


FIG. 4

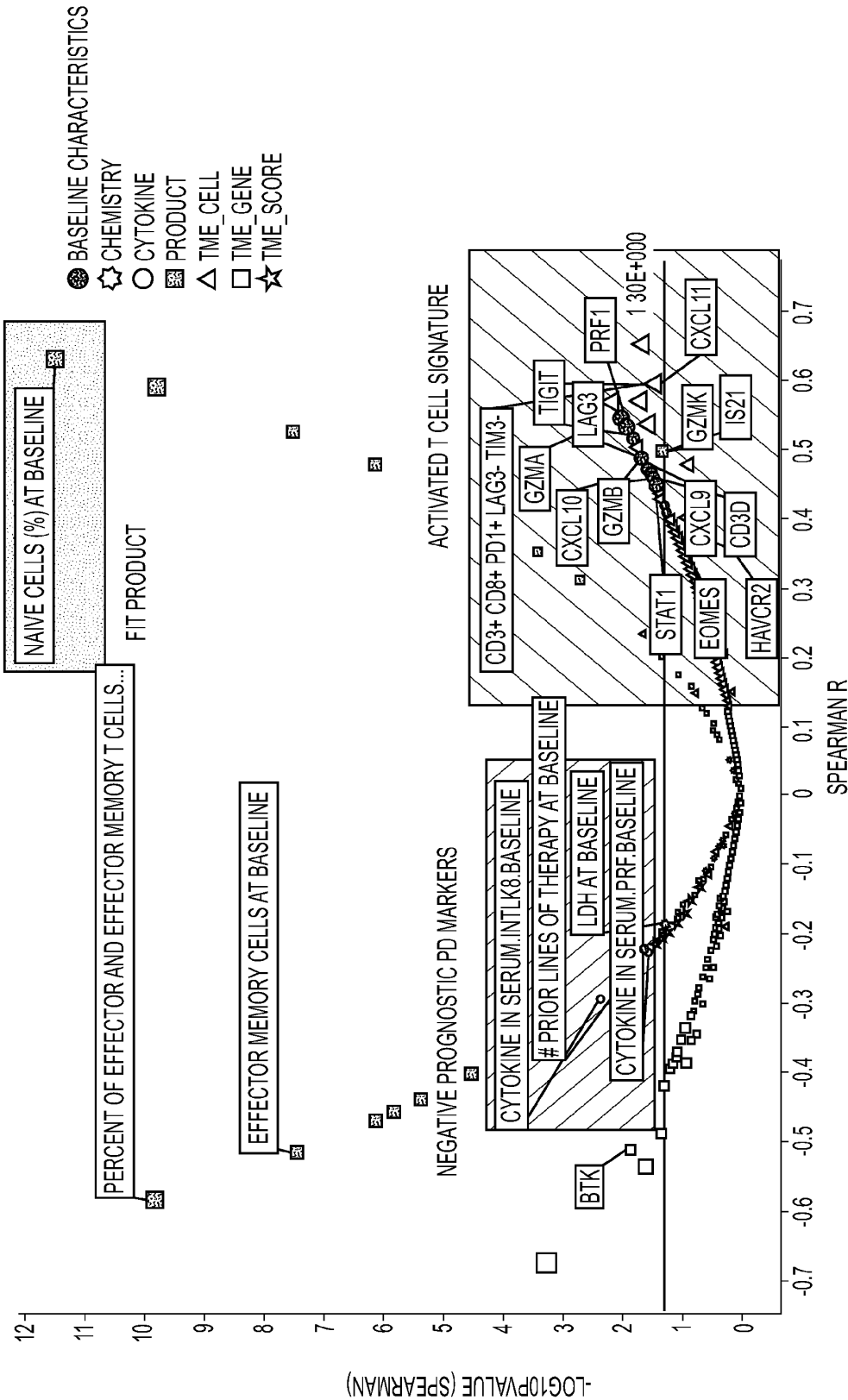
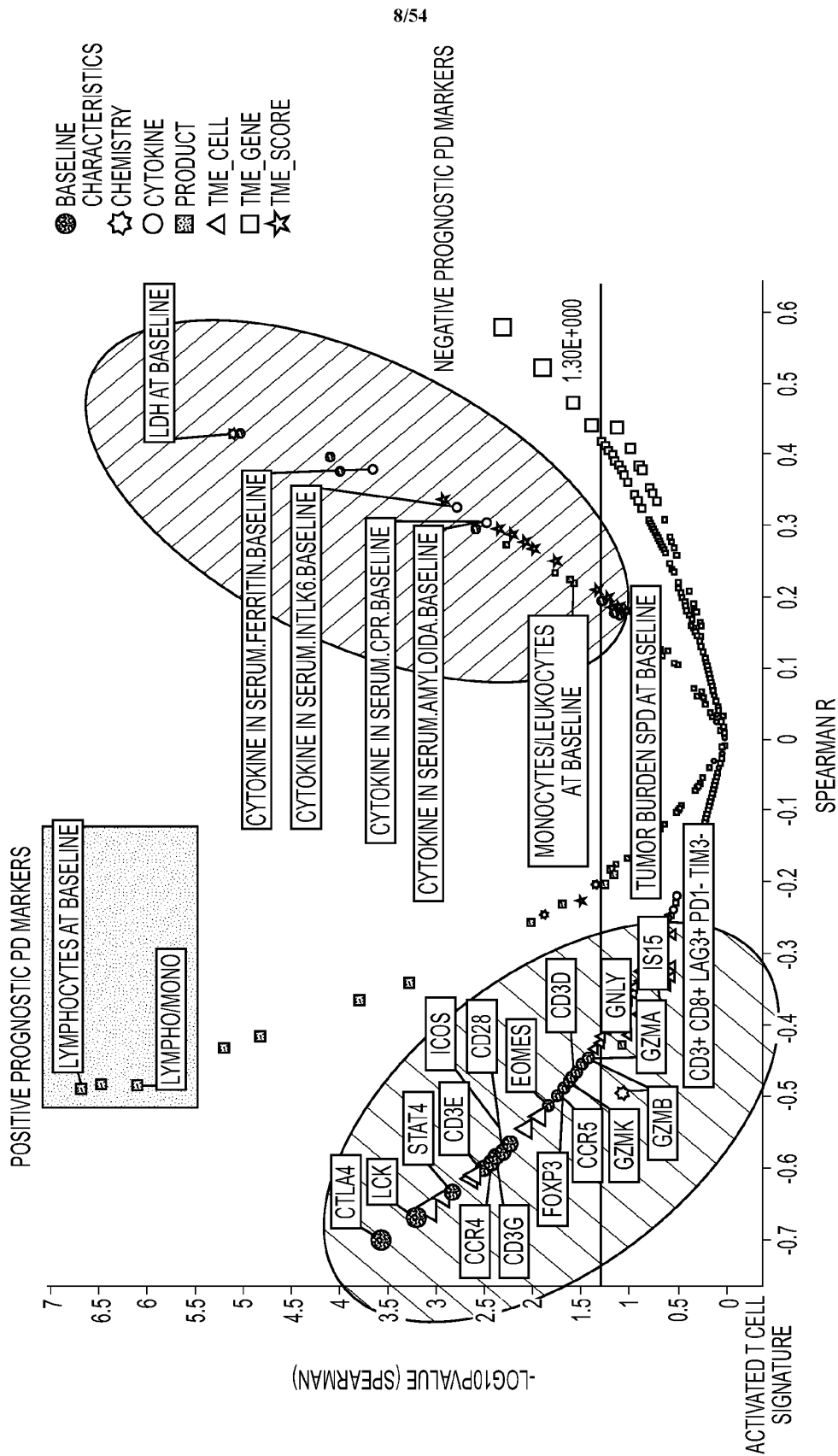


FIG. 5



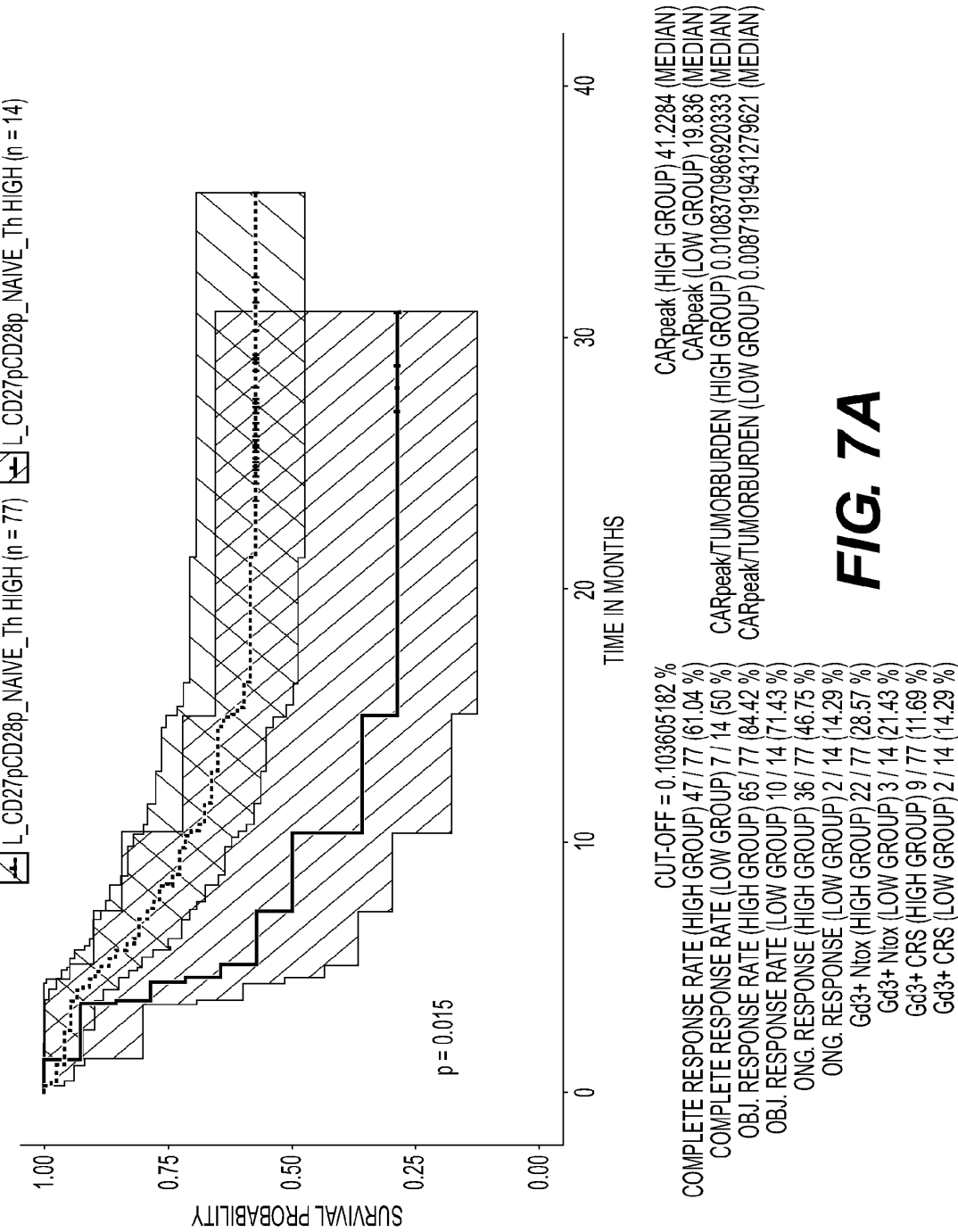


FIG. 7A

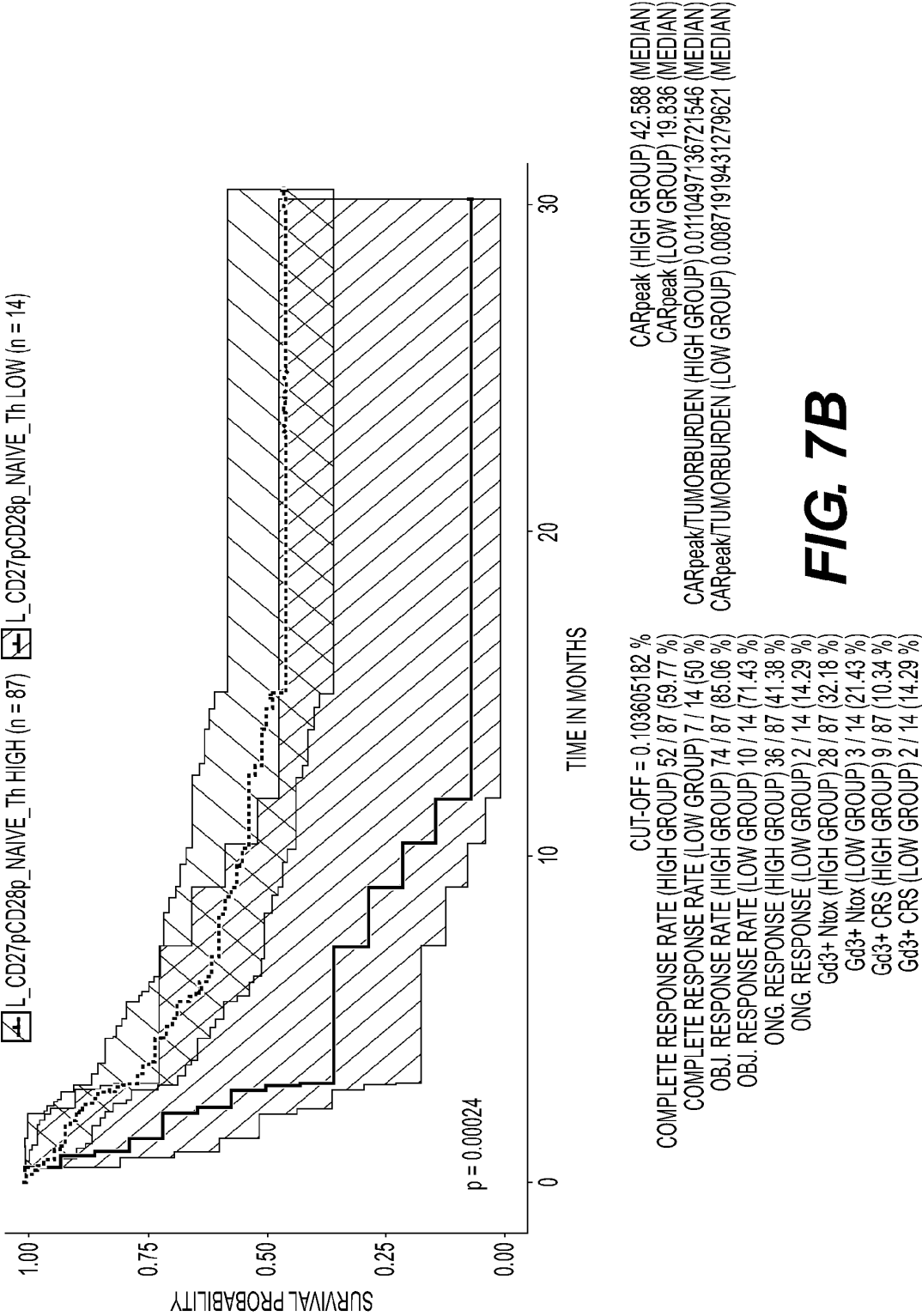
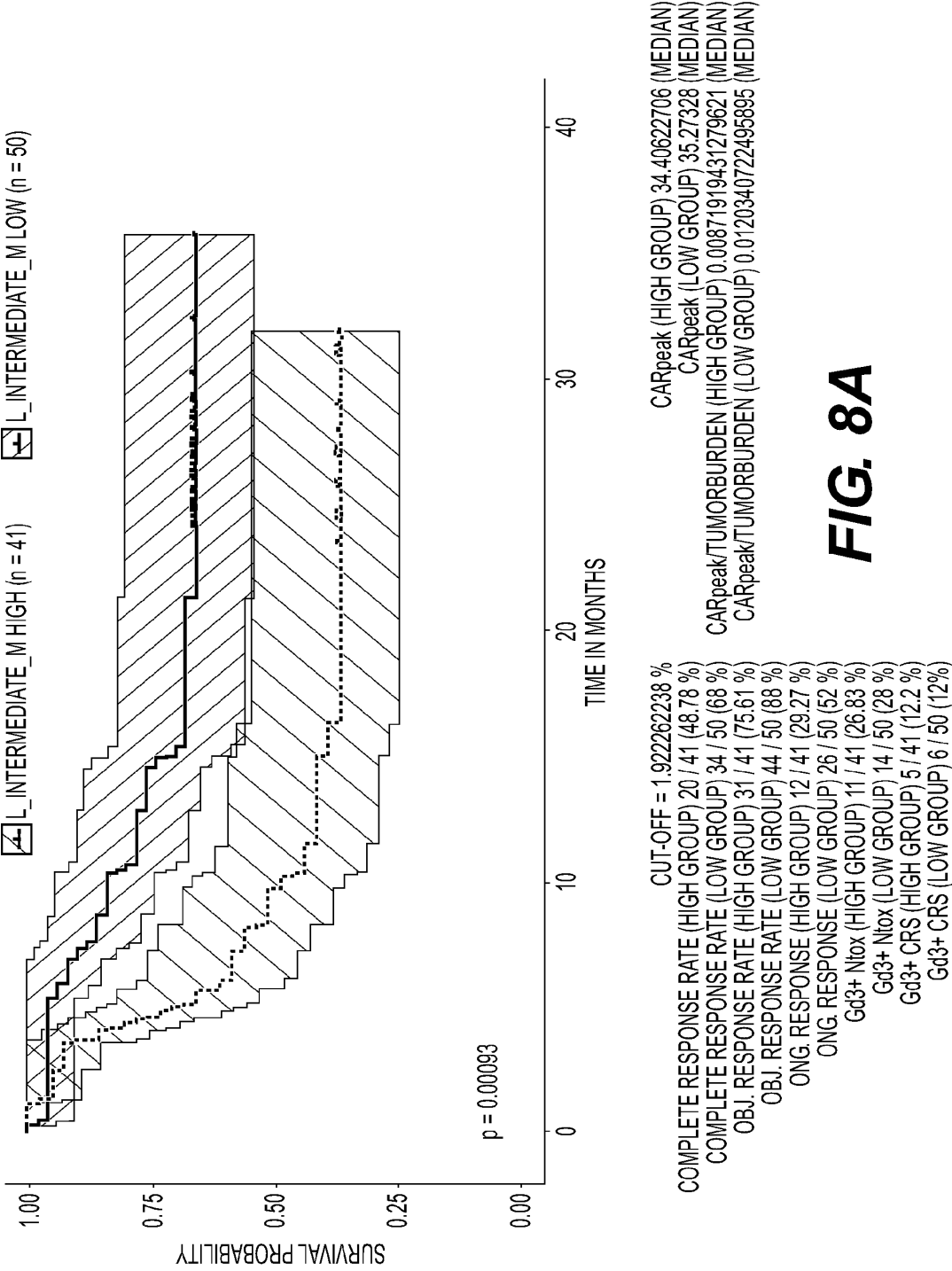


FIG. 7B



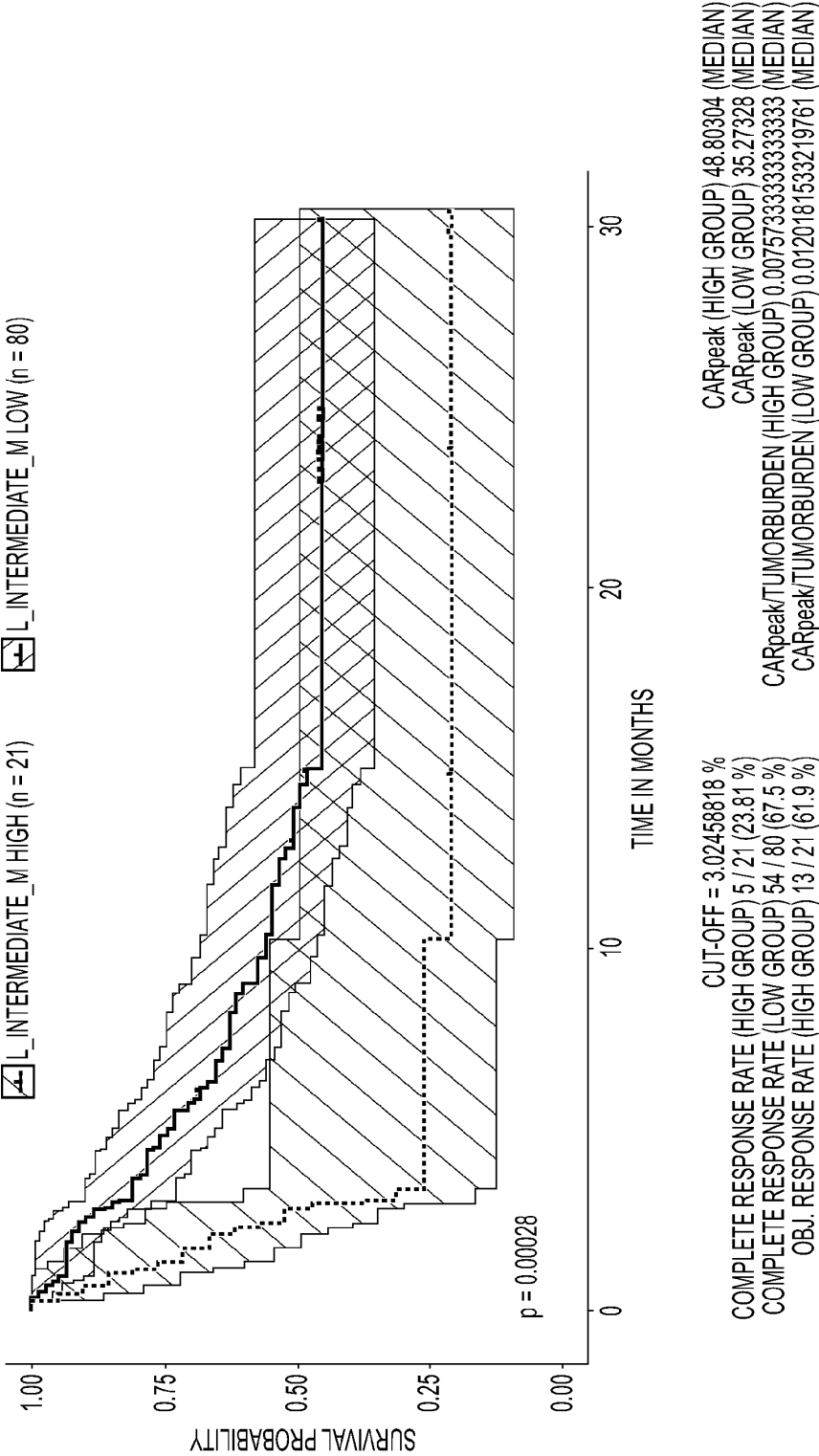


FIG. 8B

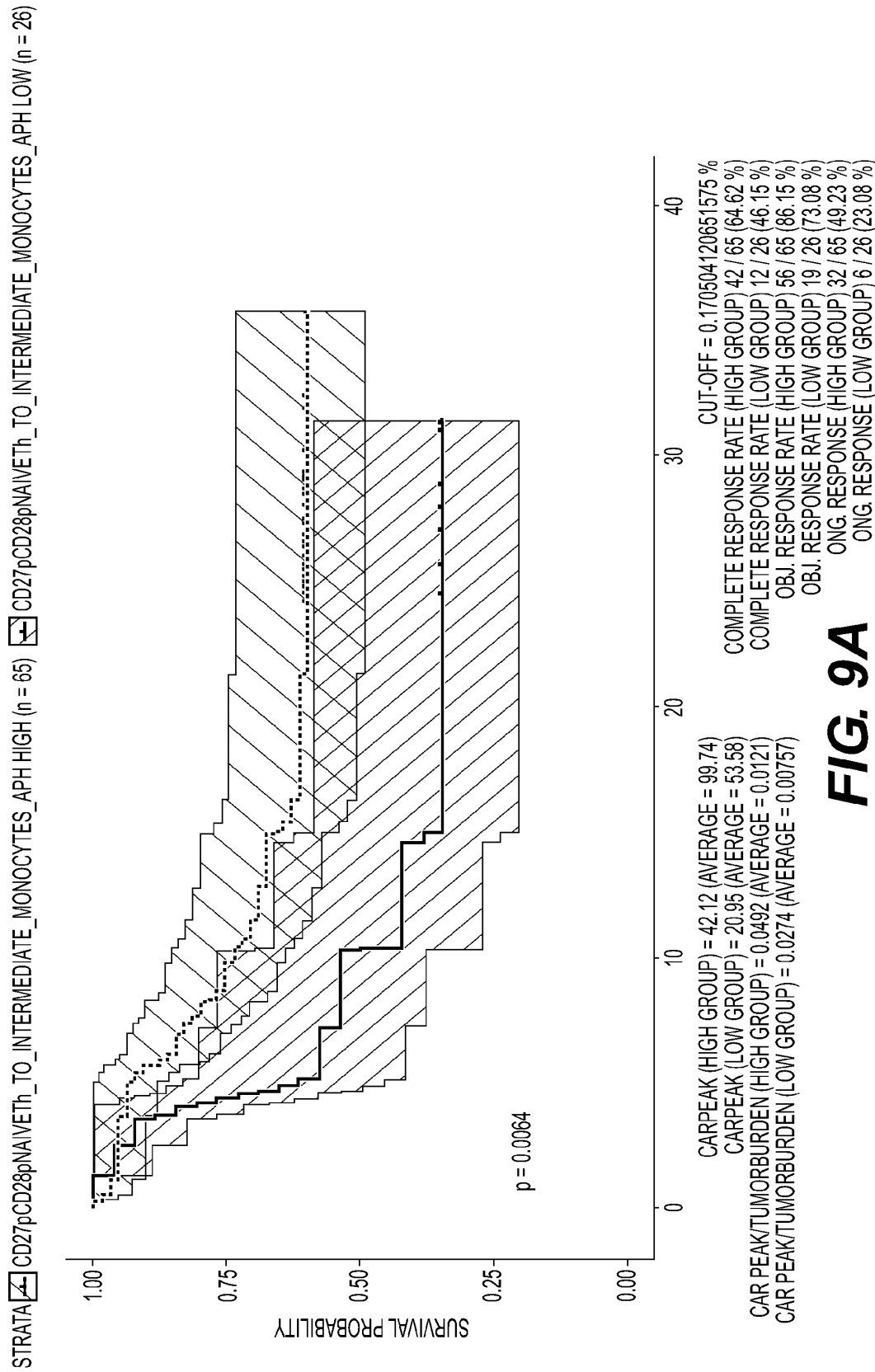


FIG. 9A

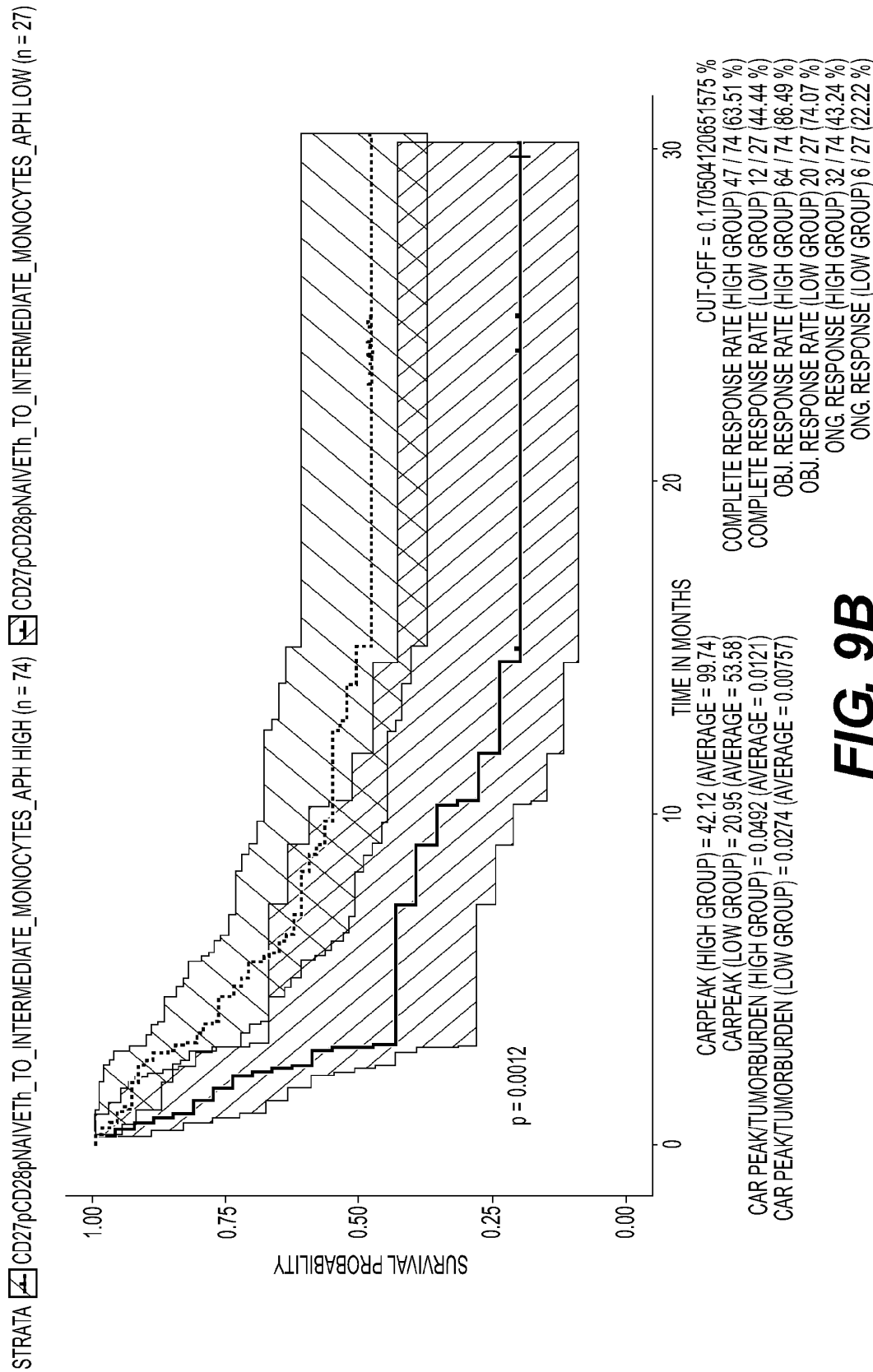


FIG. 9B

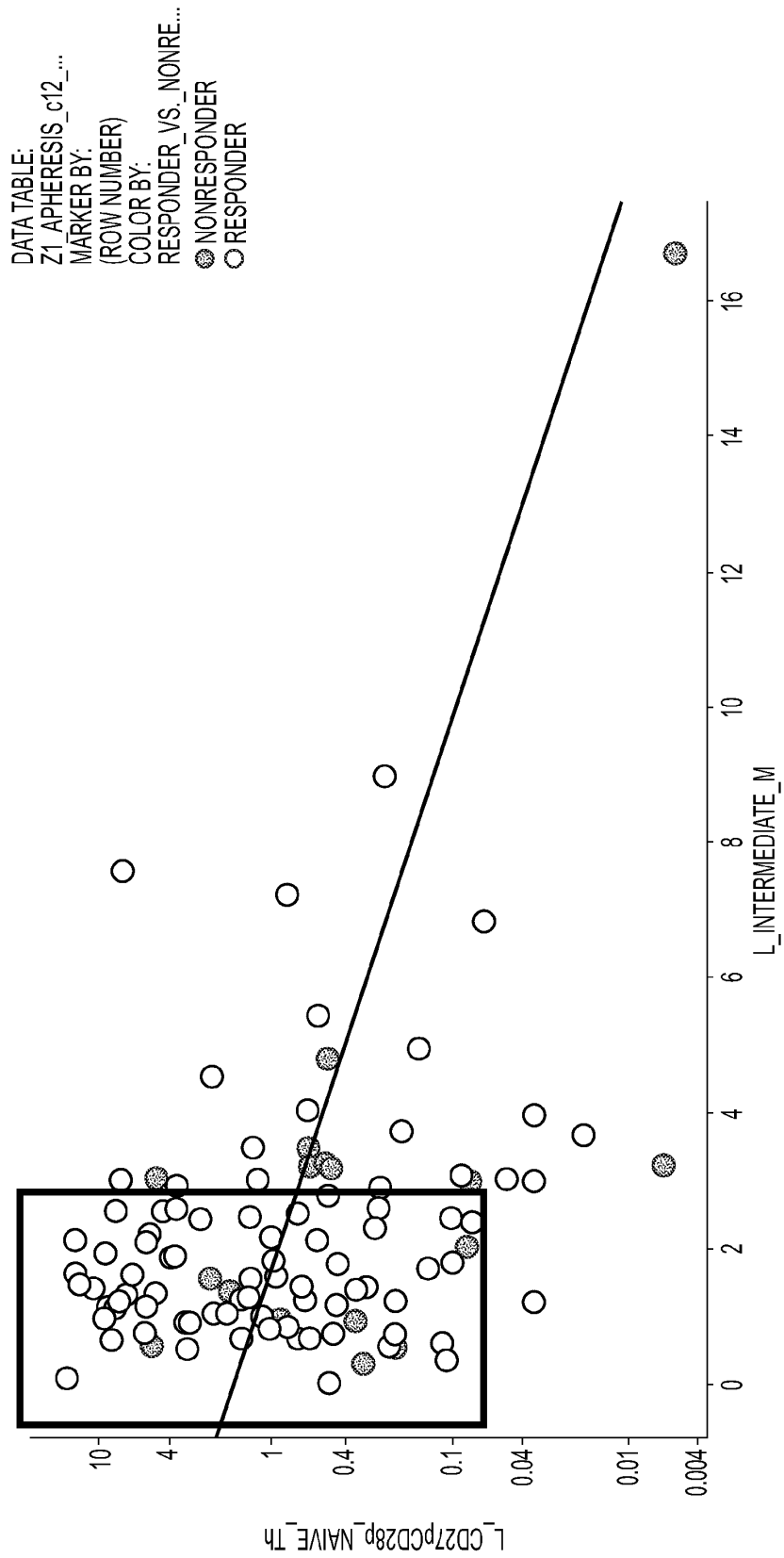


FIG. 10A

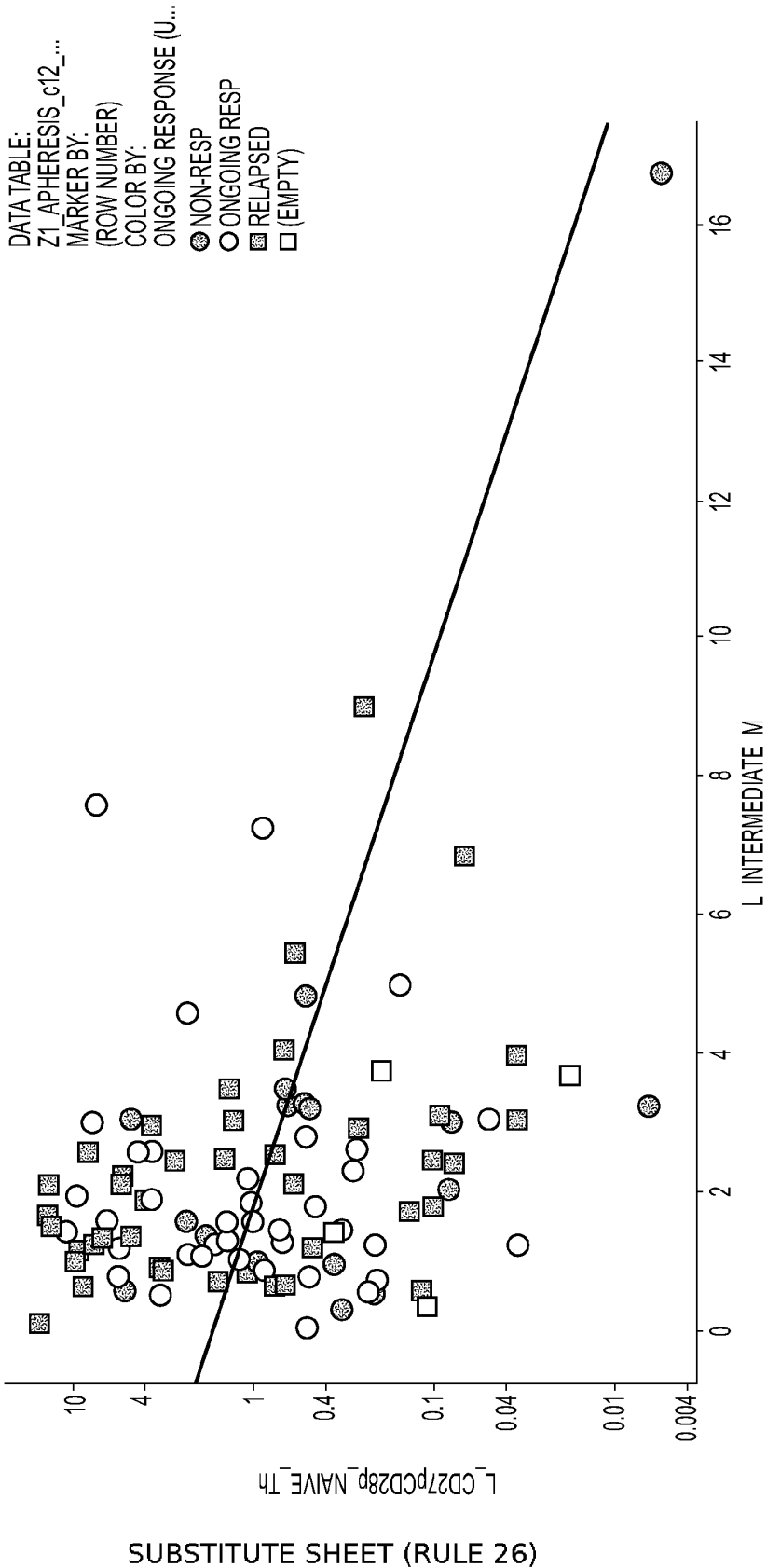


FIG. 10B

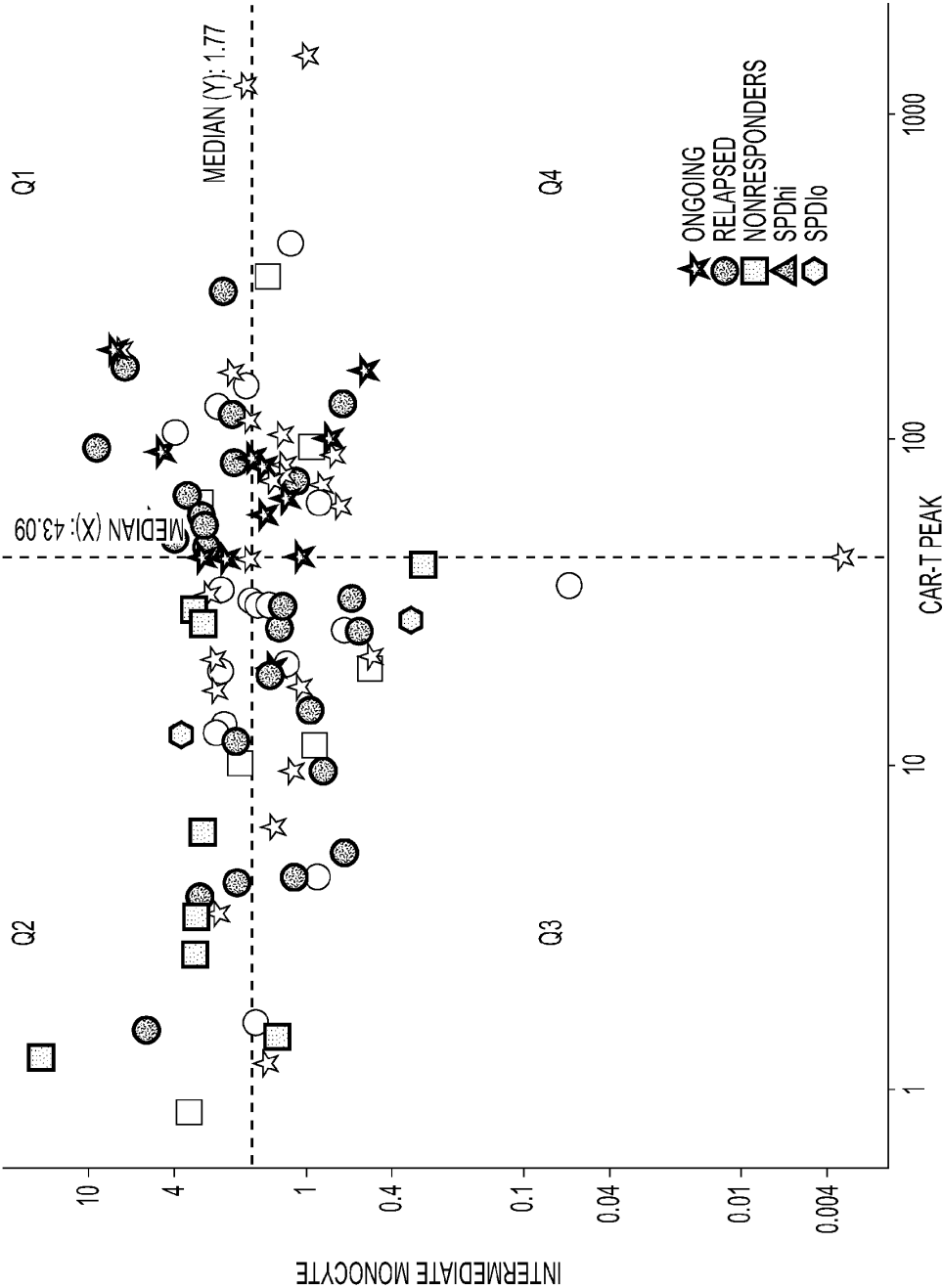


FIG. 11

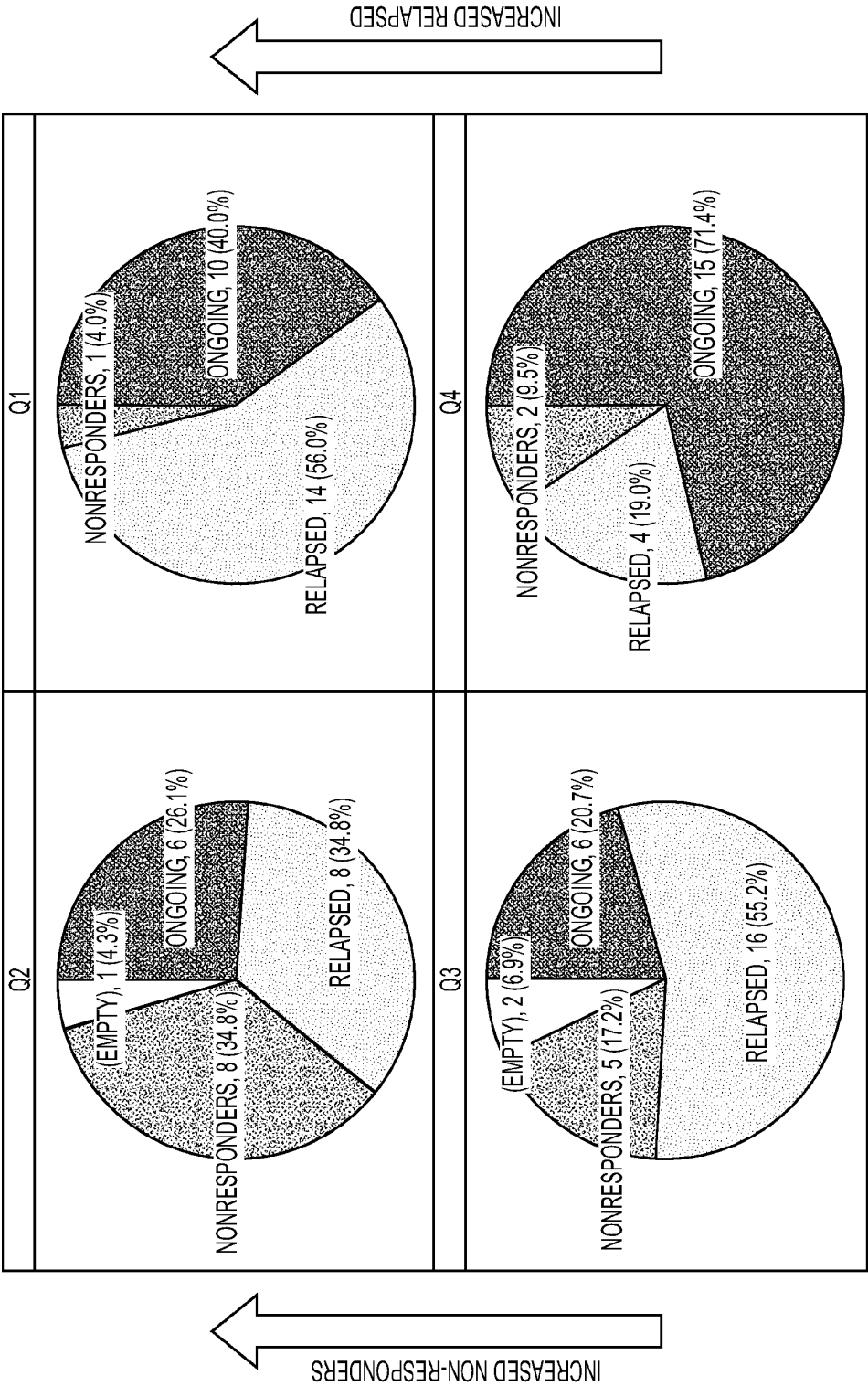


FIG. 12A

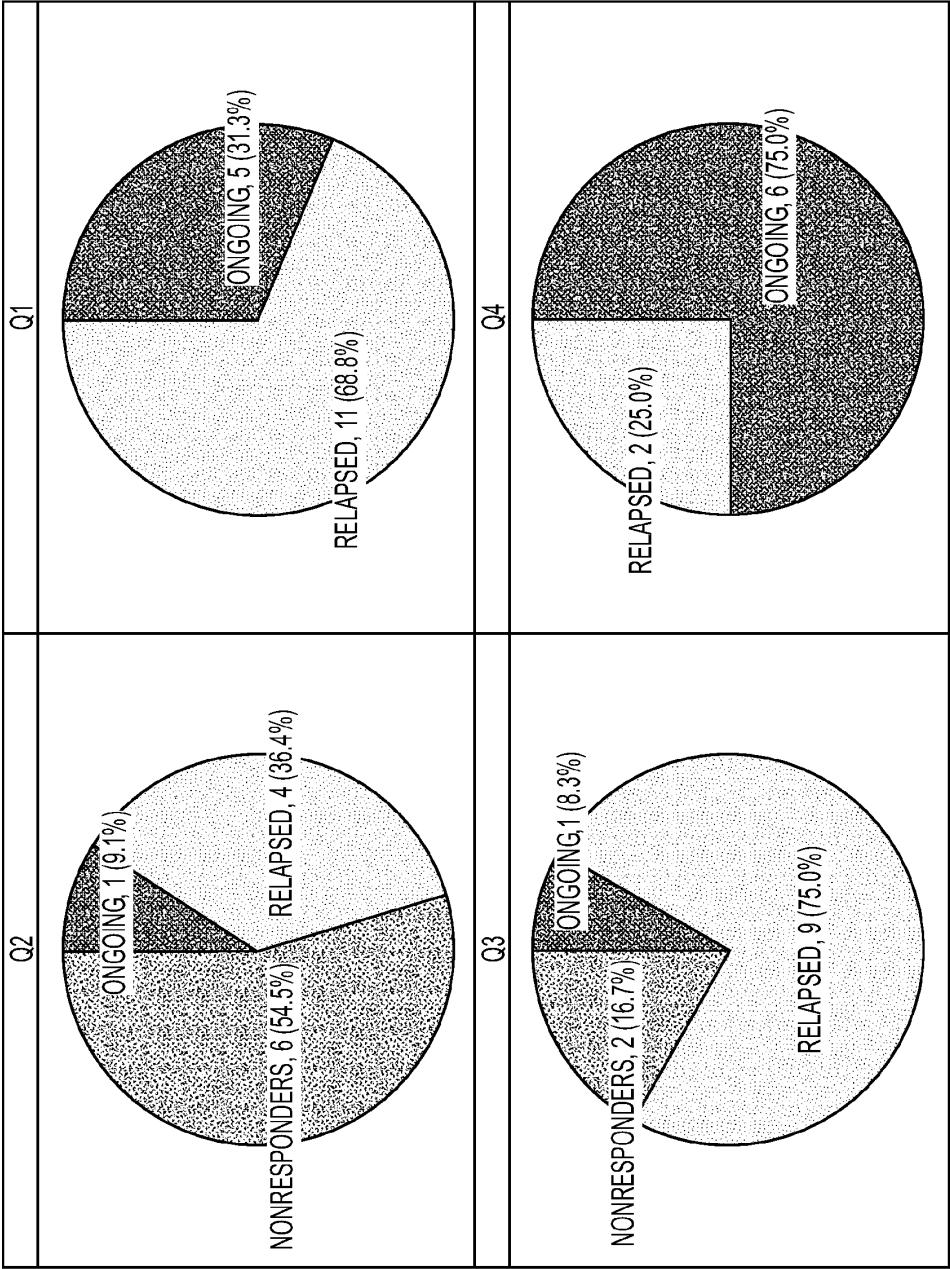


FIG. 12B

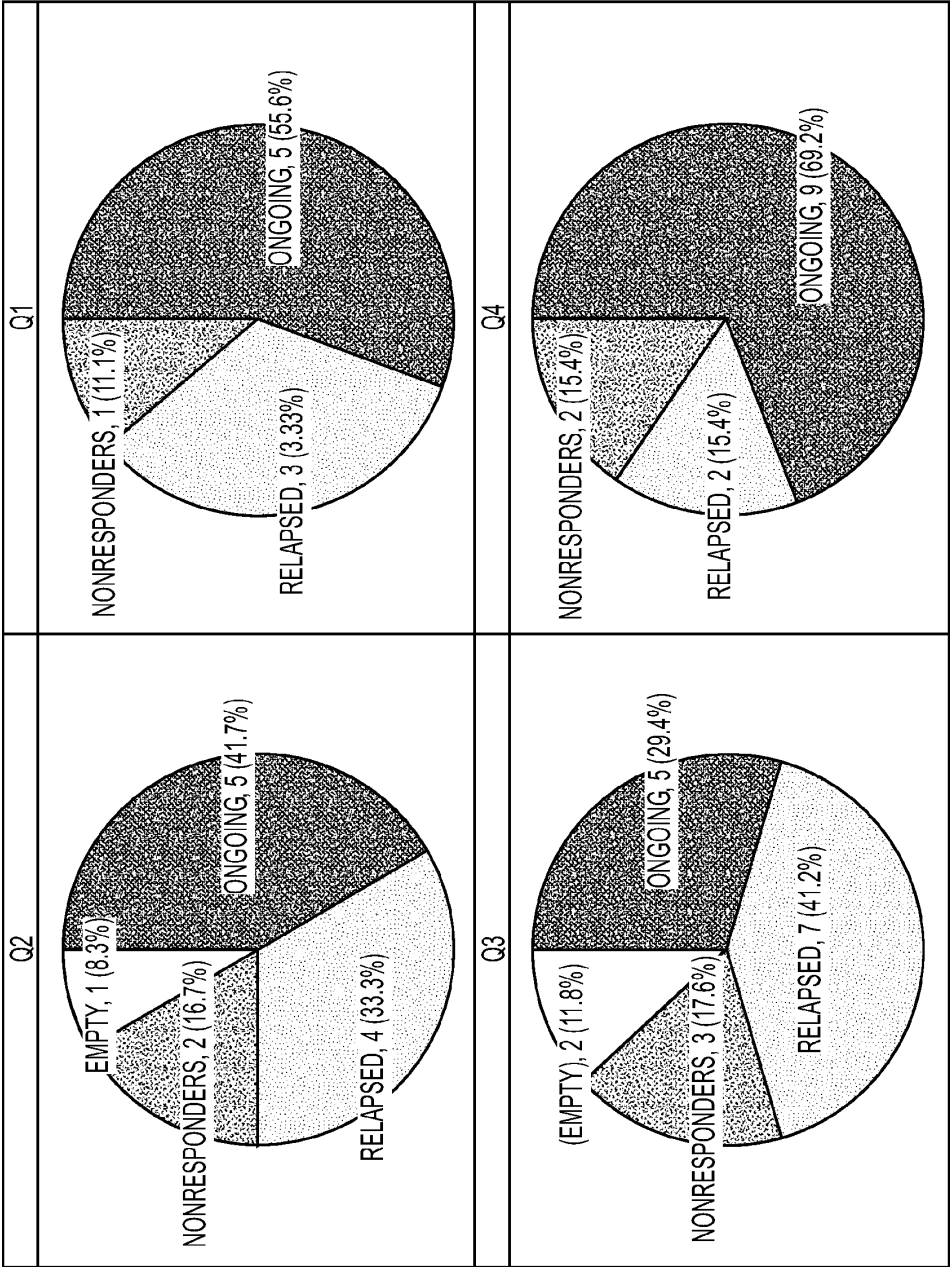


FIG. 12C

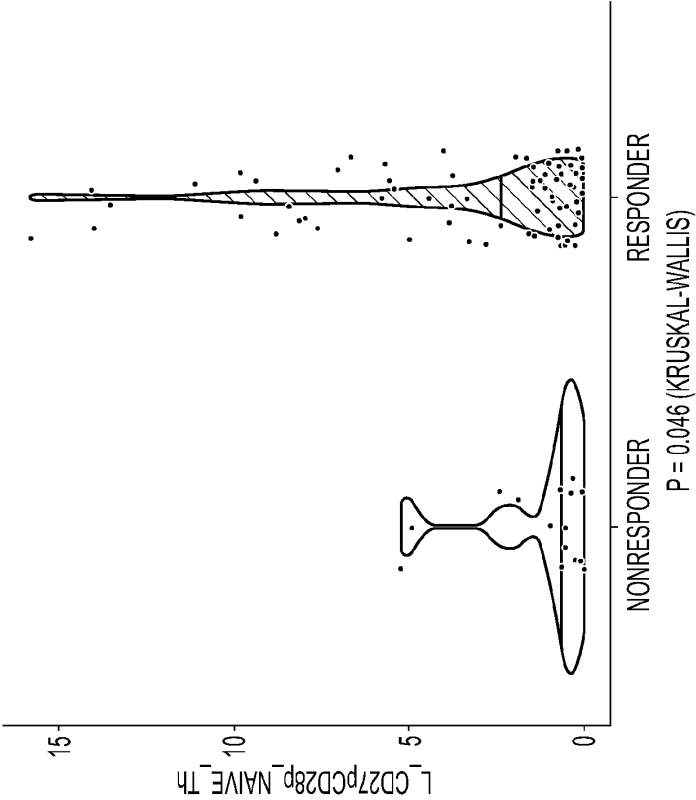
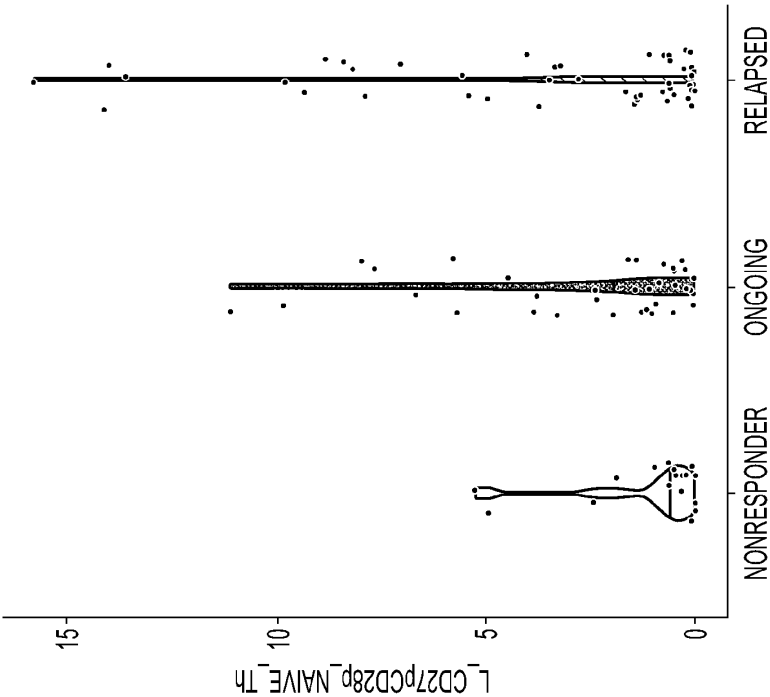


FIG. 13

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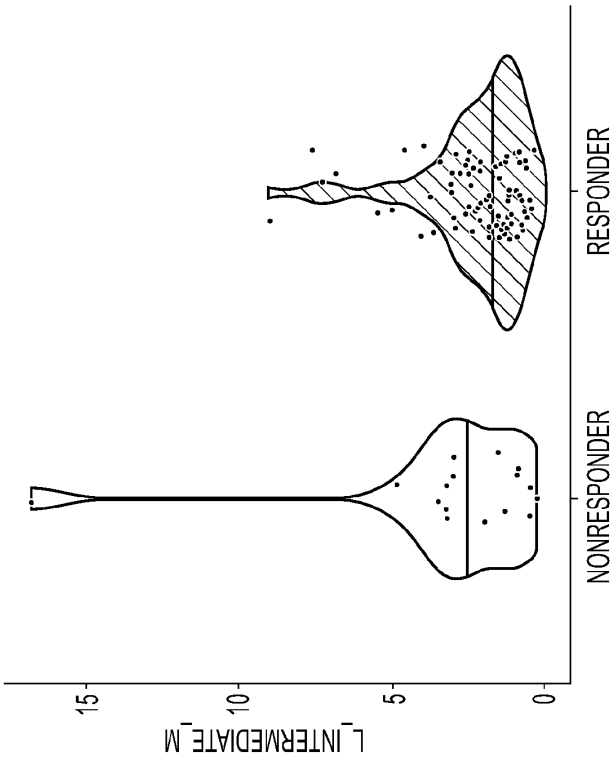
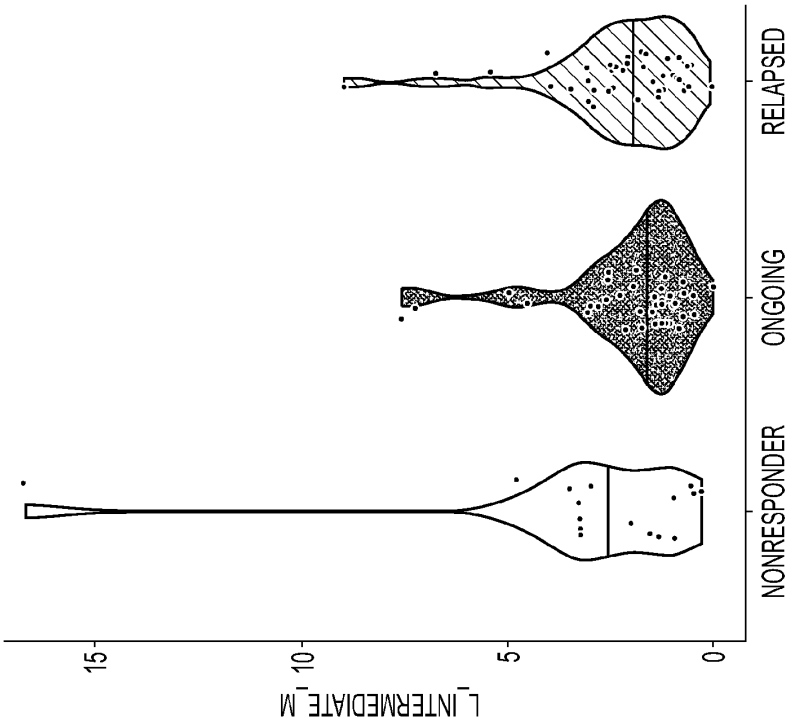


FIG. 14

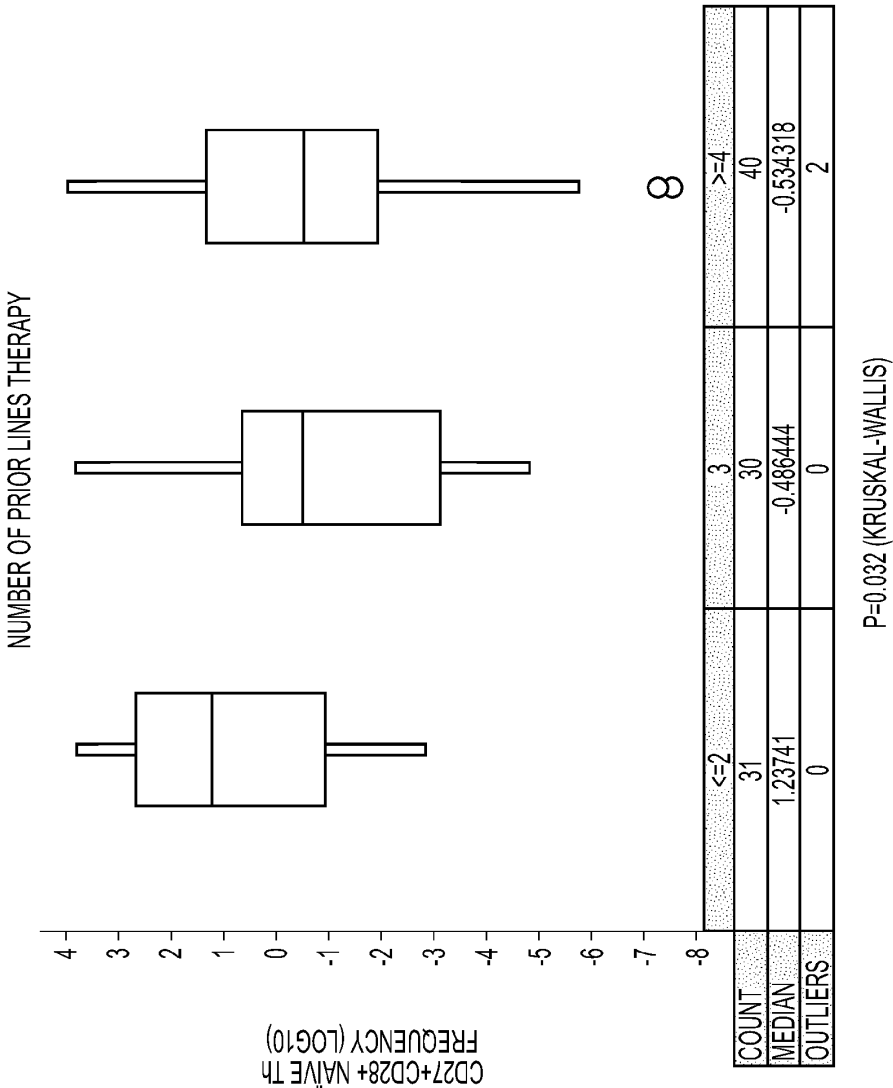


FIG. 15A

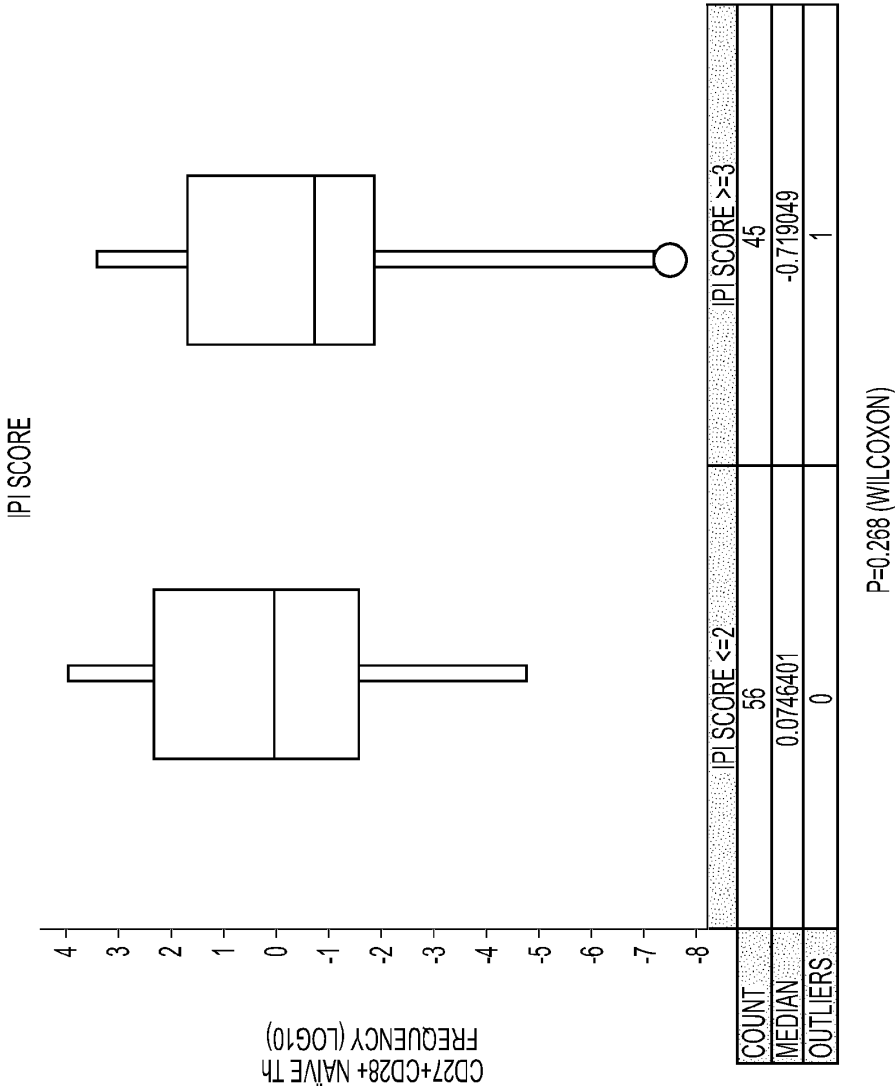


FIG. 15B

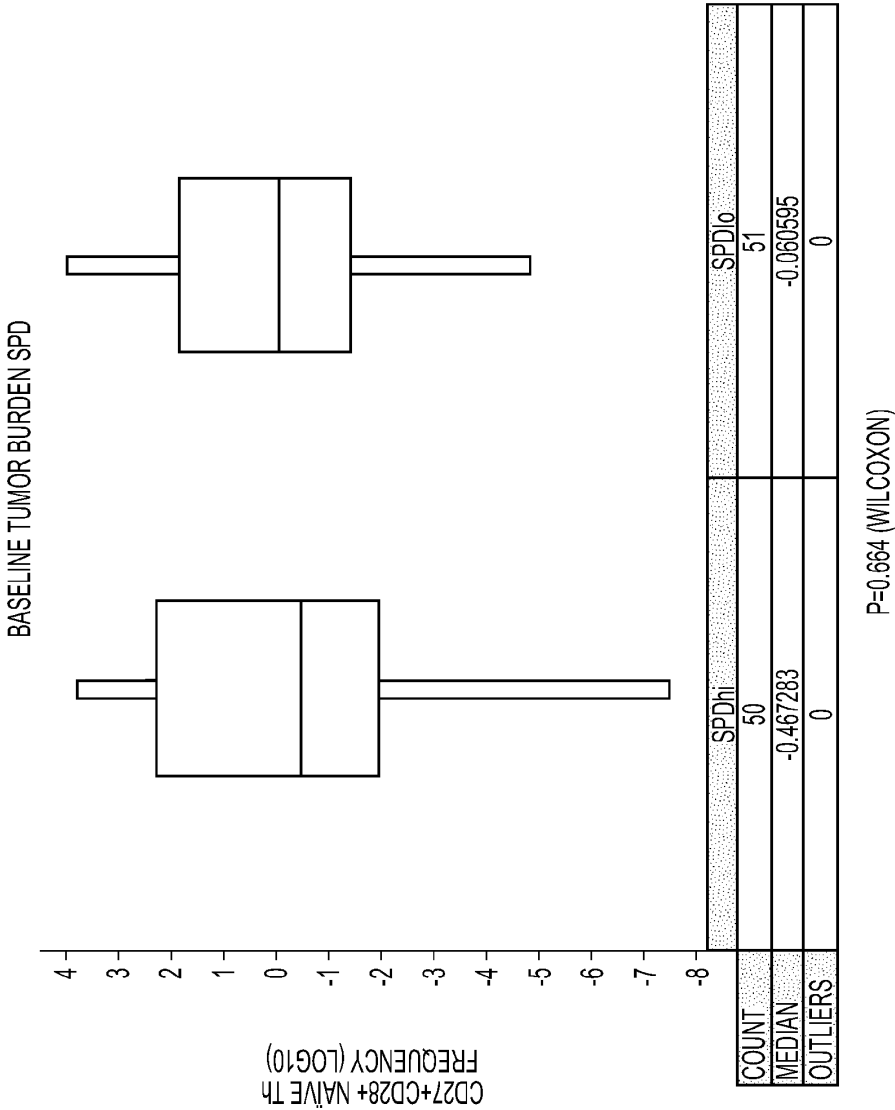
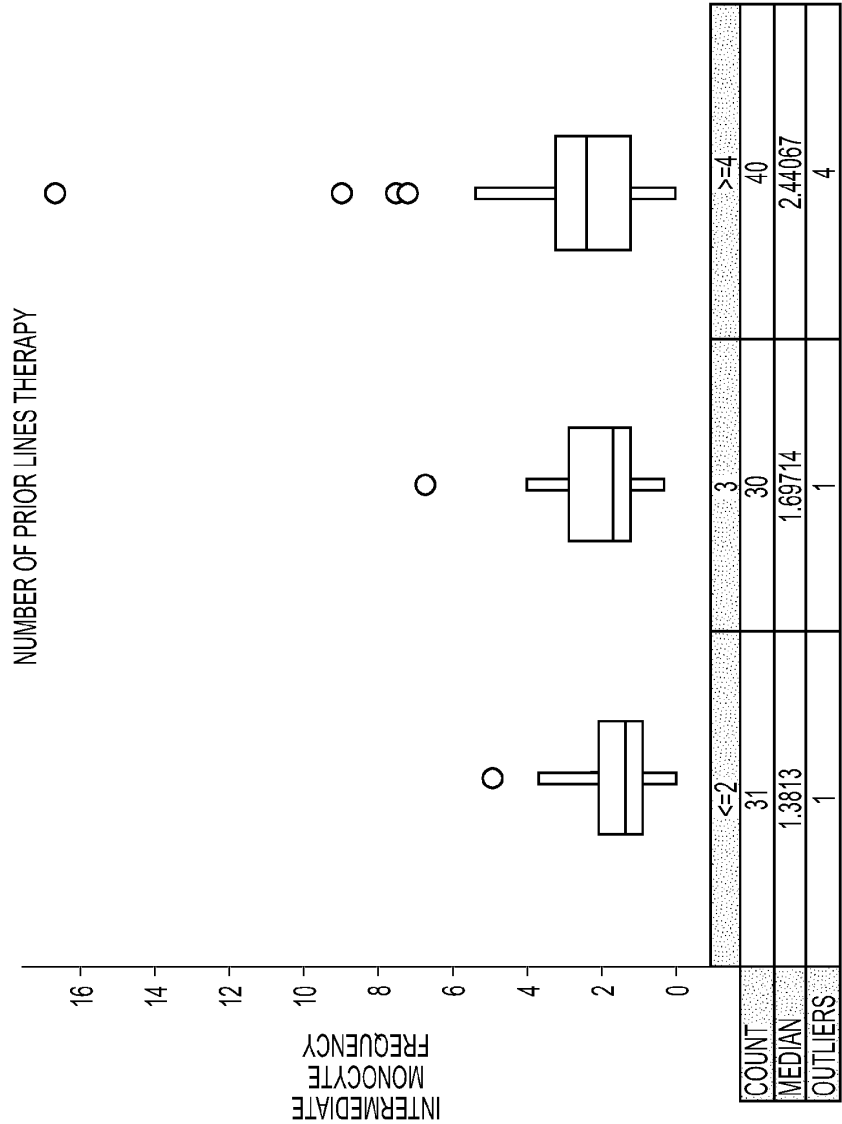


FIG. 15C



P=0.075 (KRUSKAL-WALLIS)

FIG. 16A

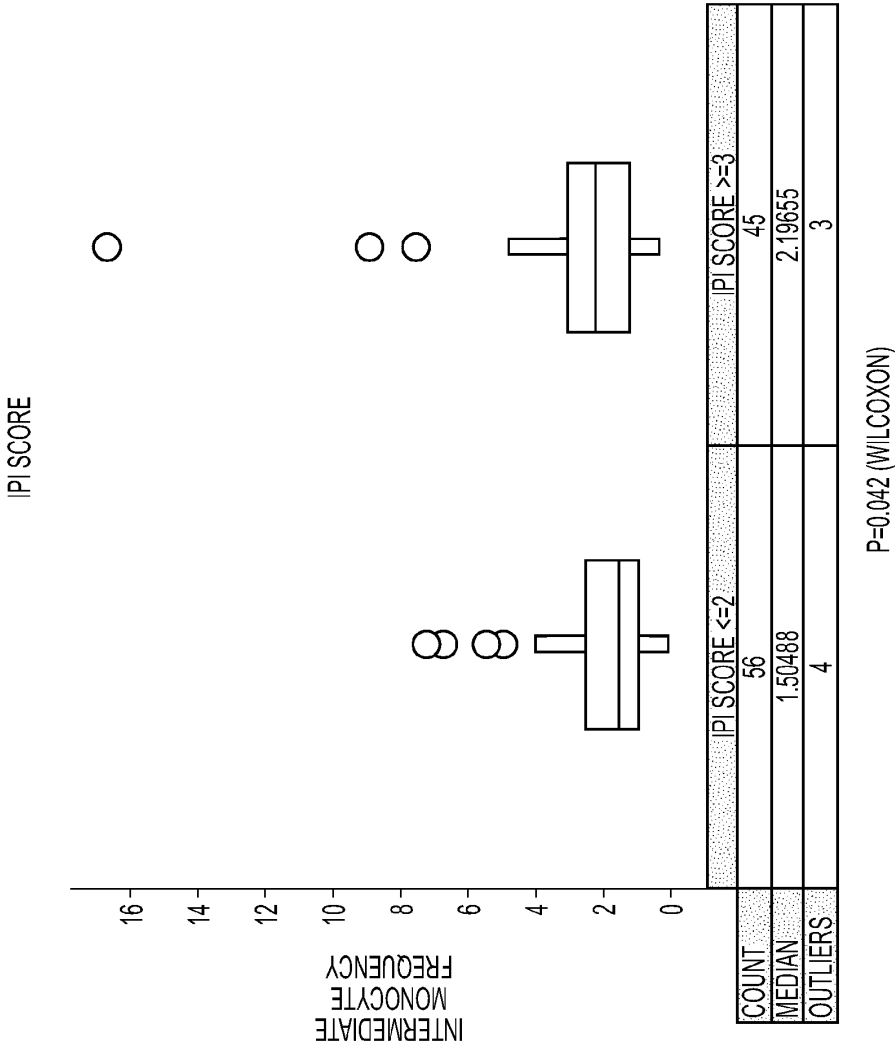


FIG. 16B

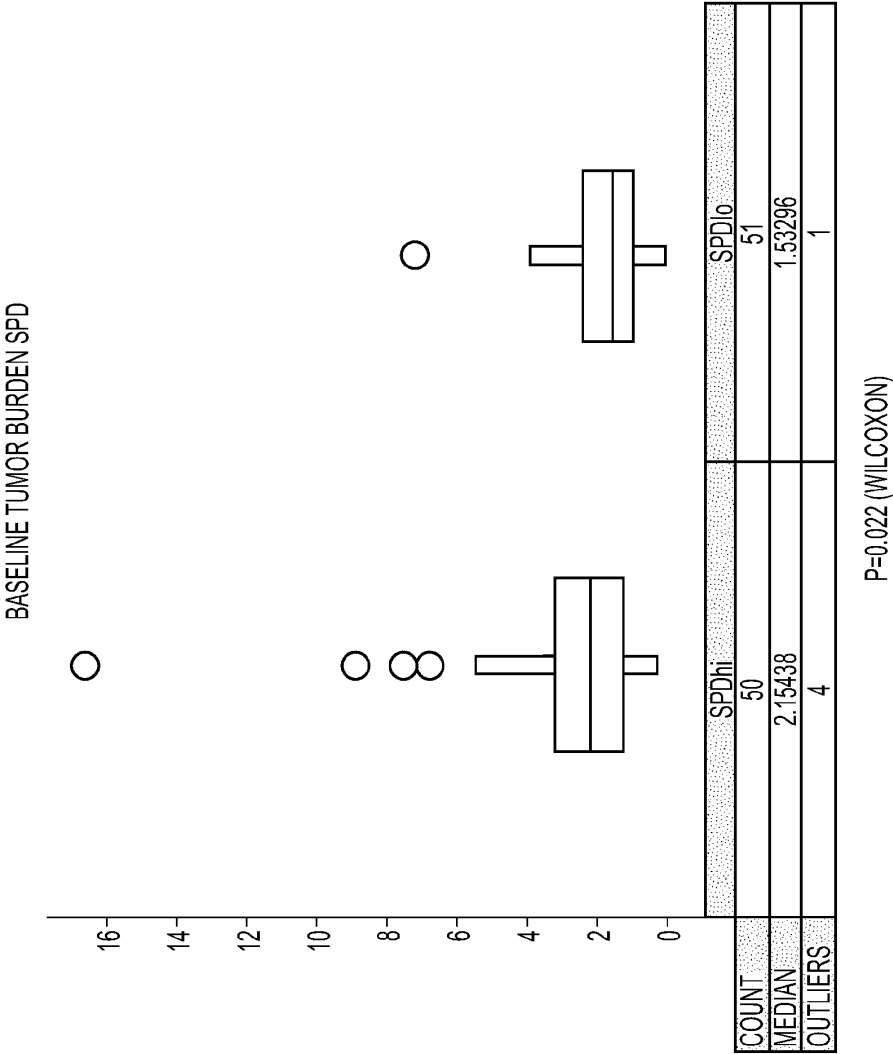
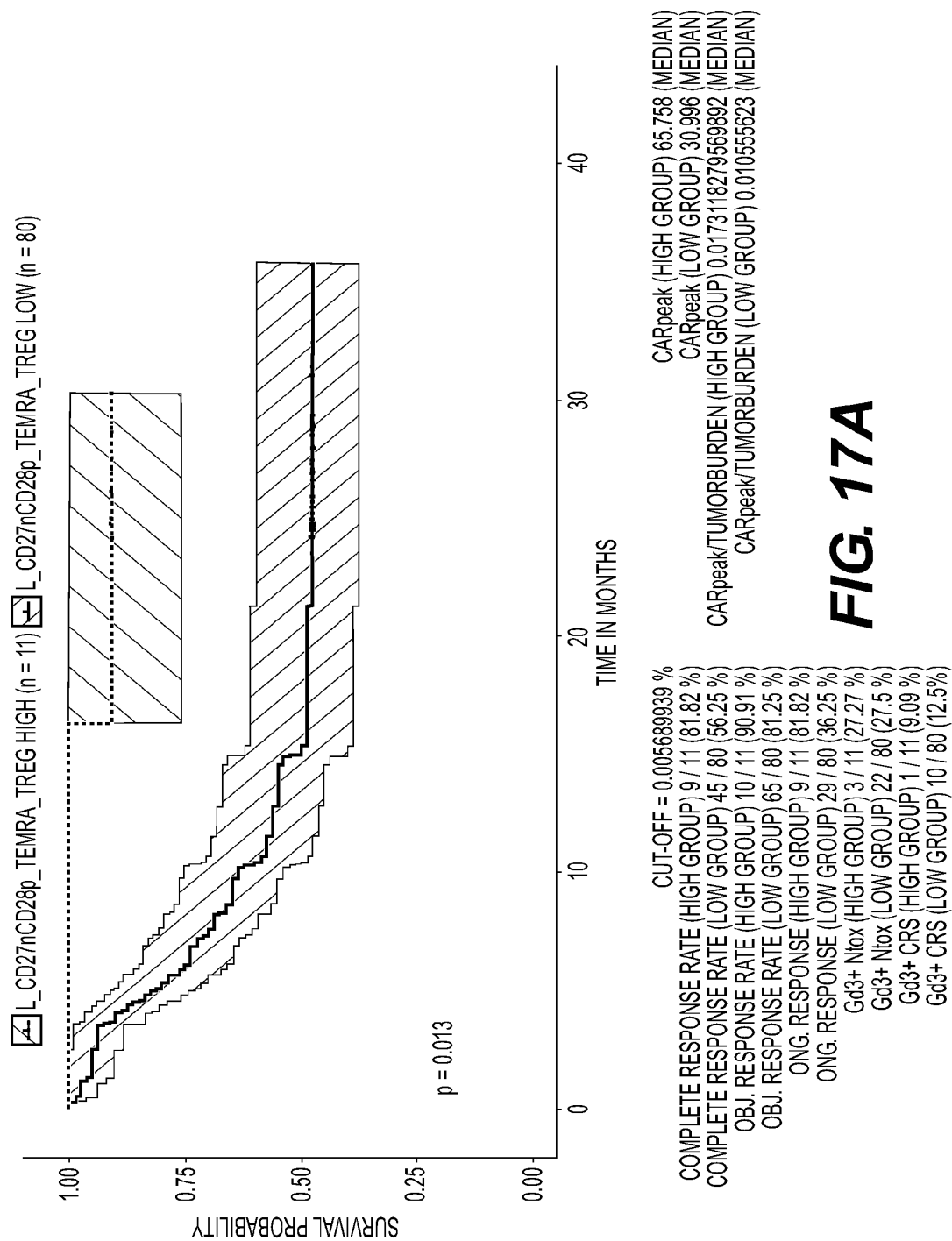


FIG. 16C



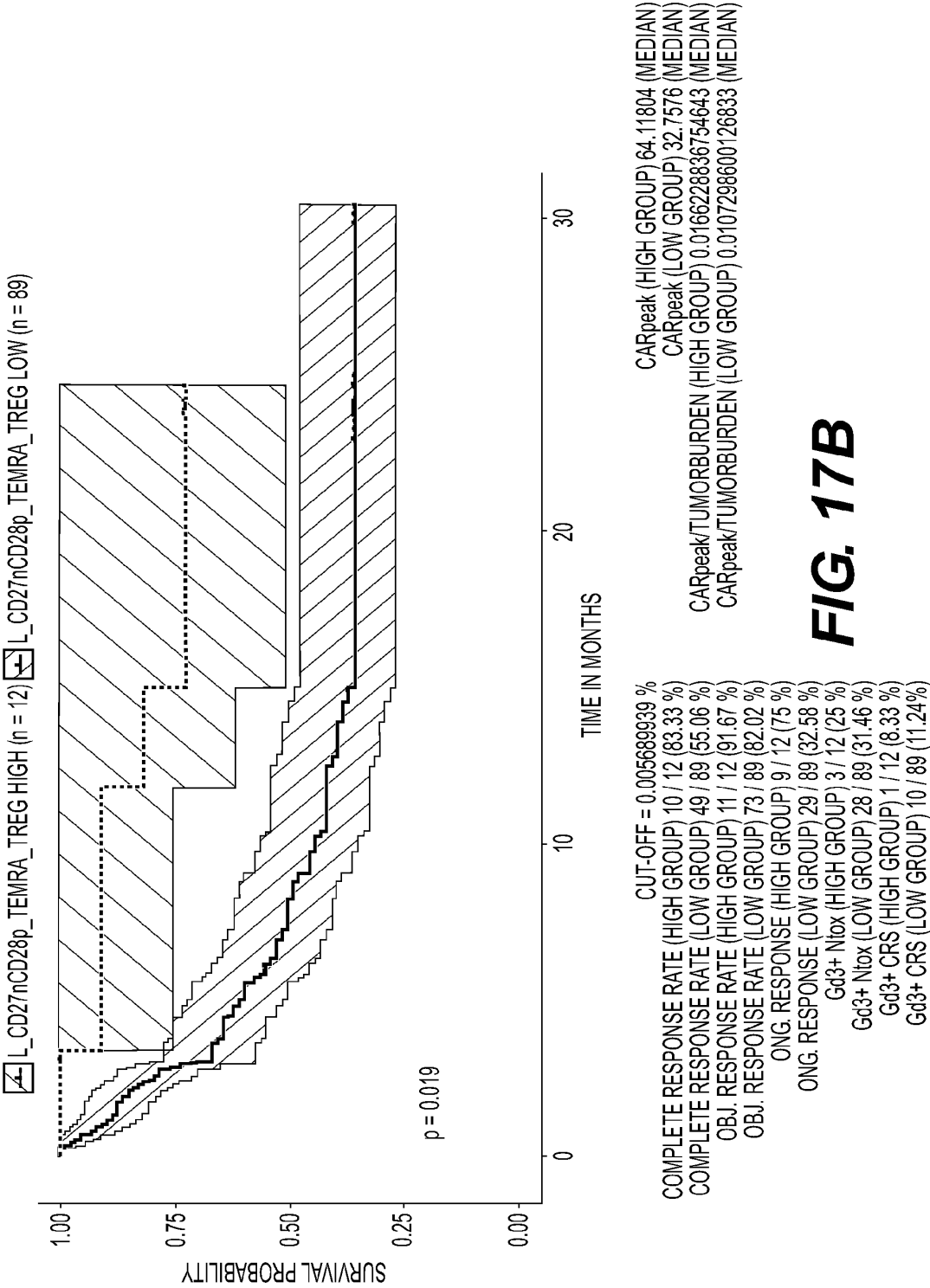


FIG. 17B

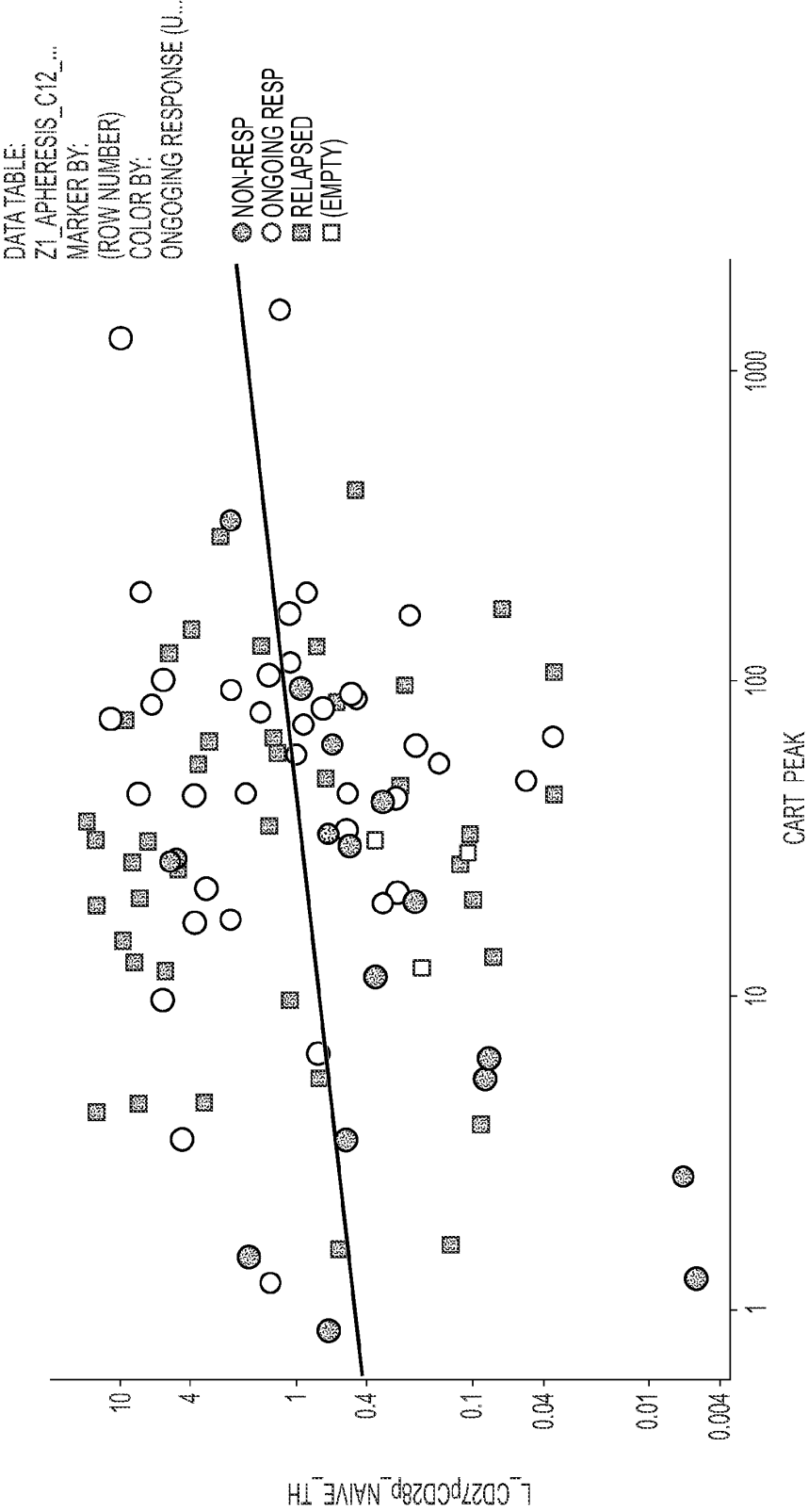


FIG. 18A

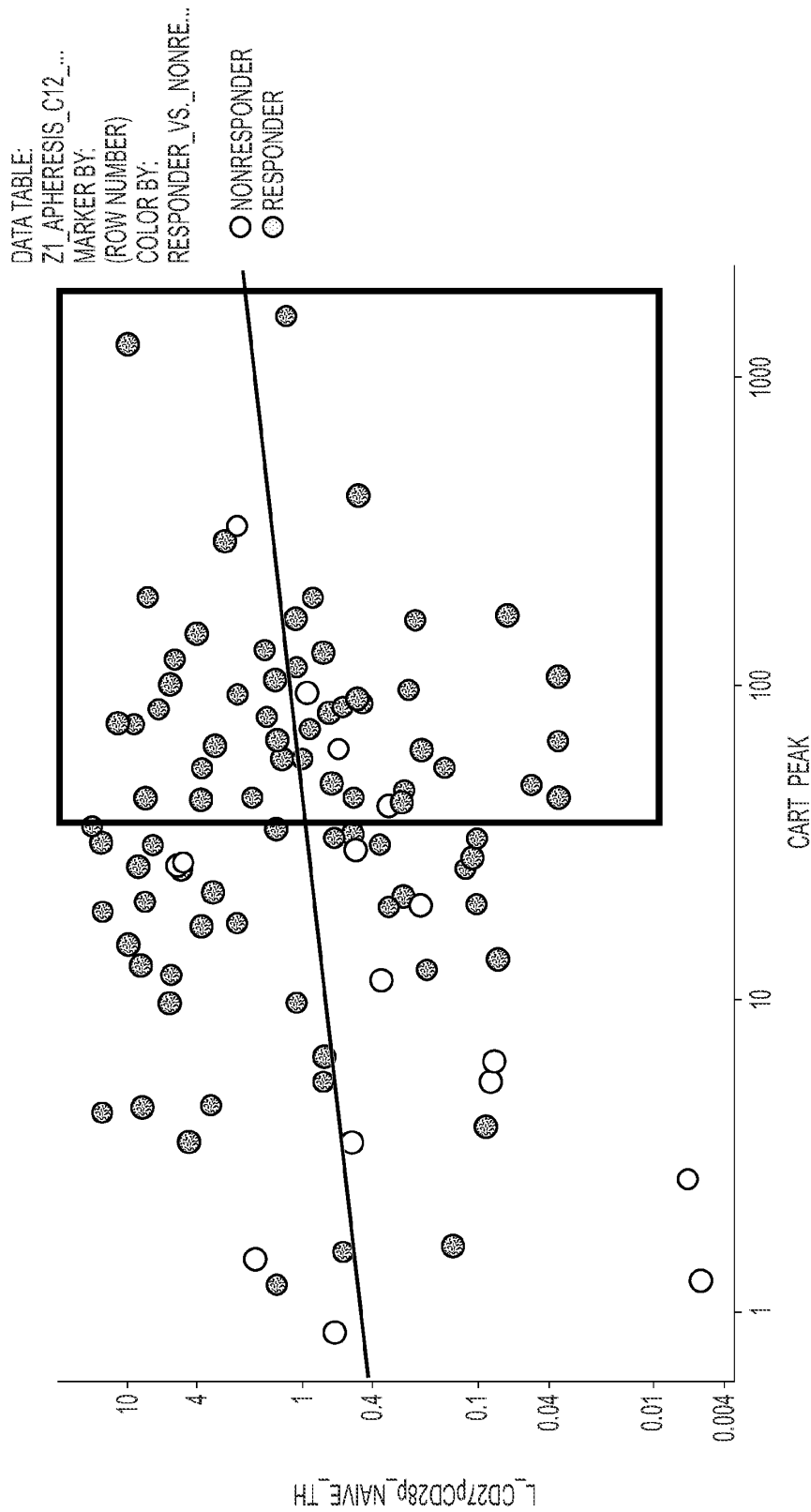


FIG. 18B

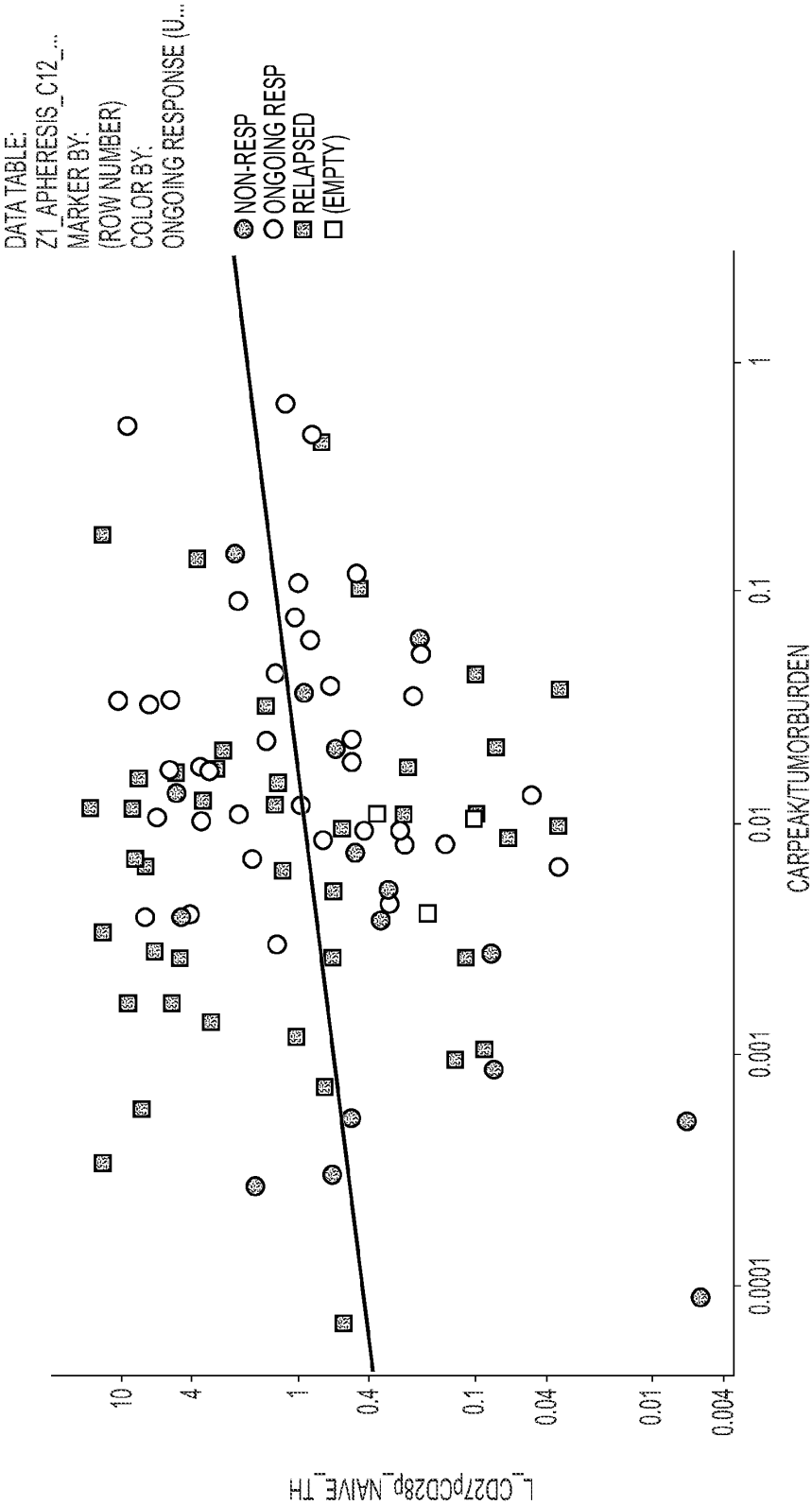


FIG. 18C

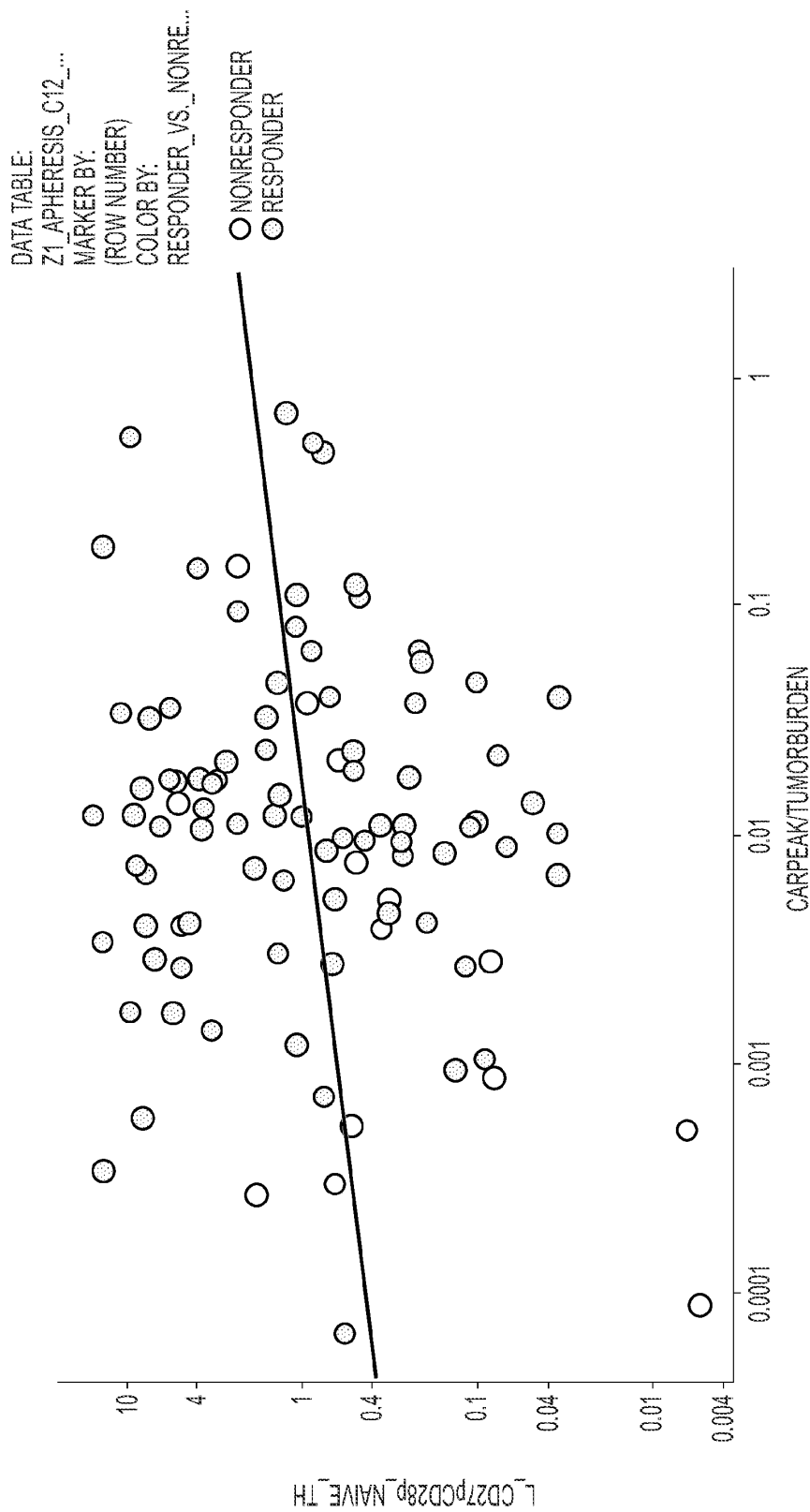


FIG. 18D

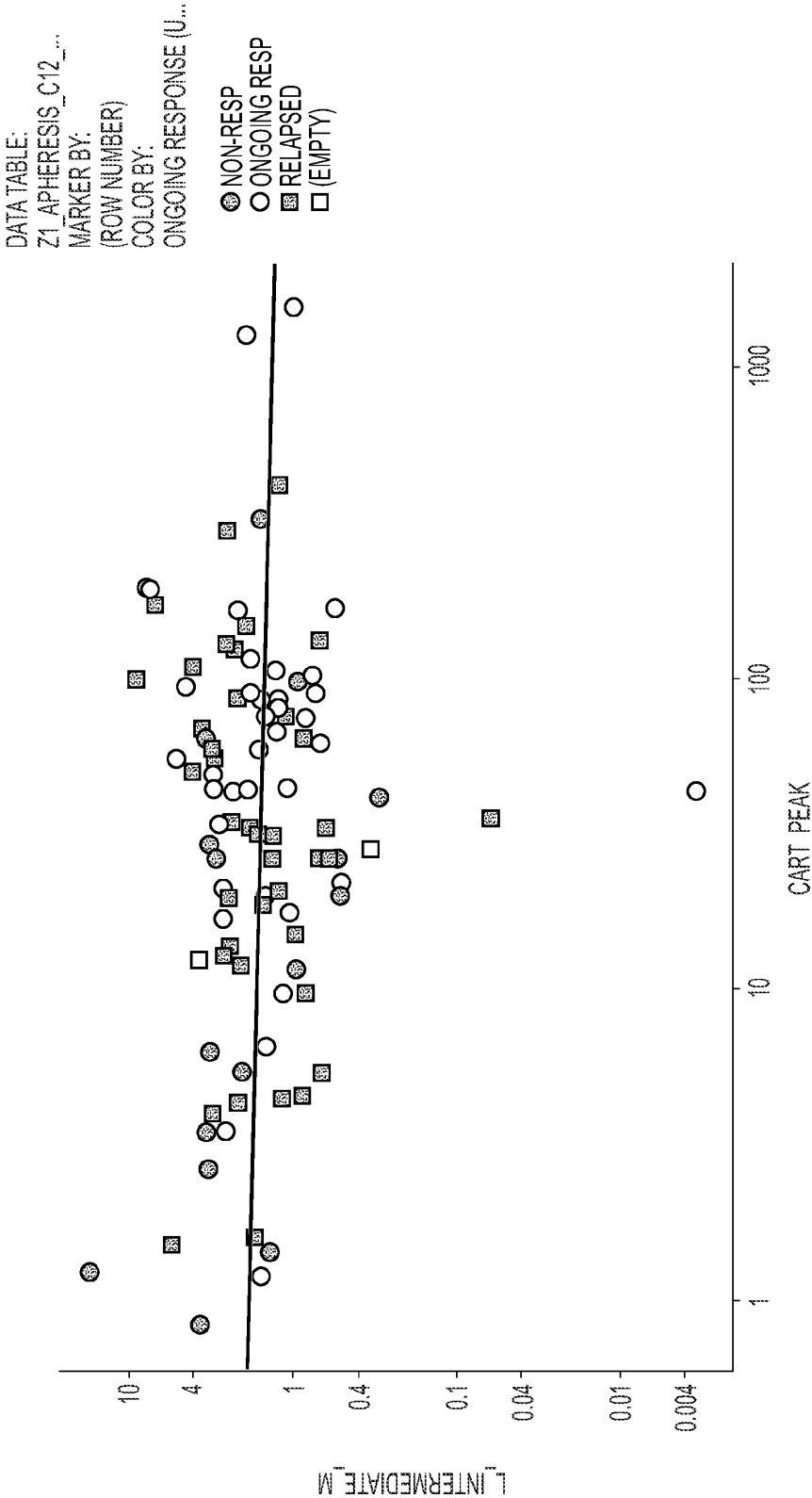


FIG. 19A

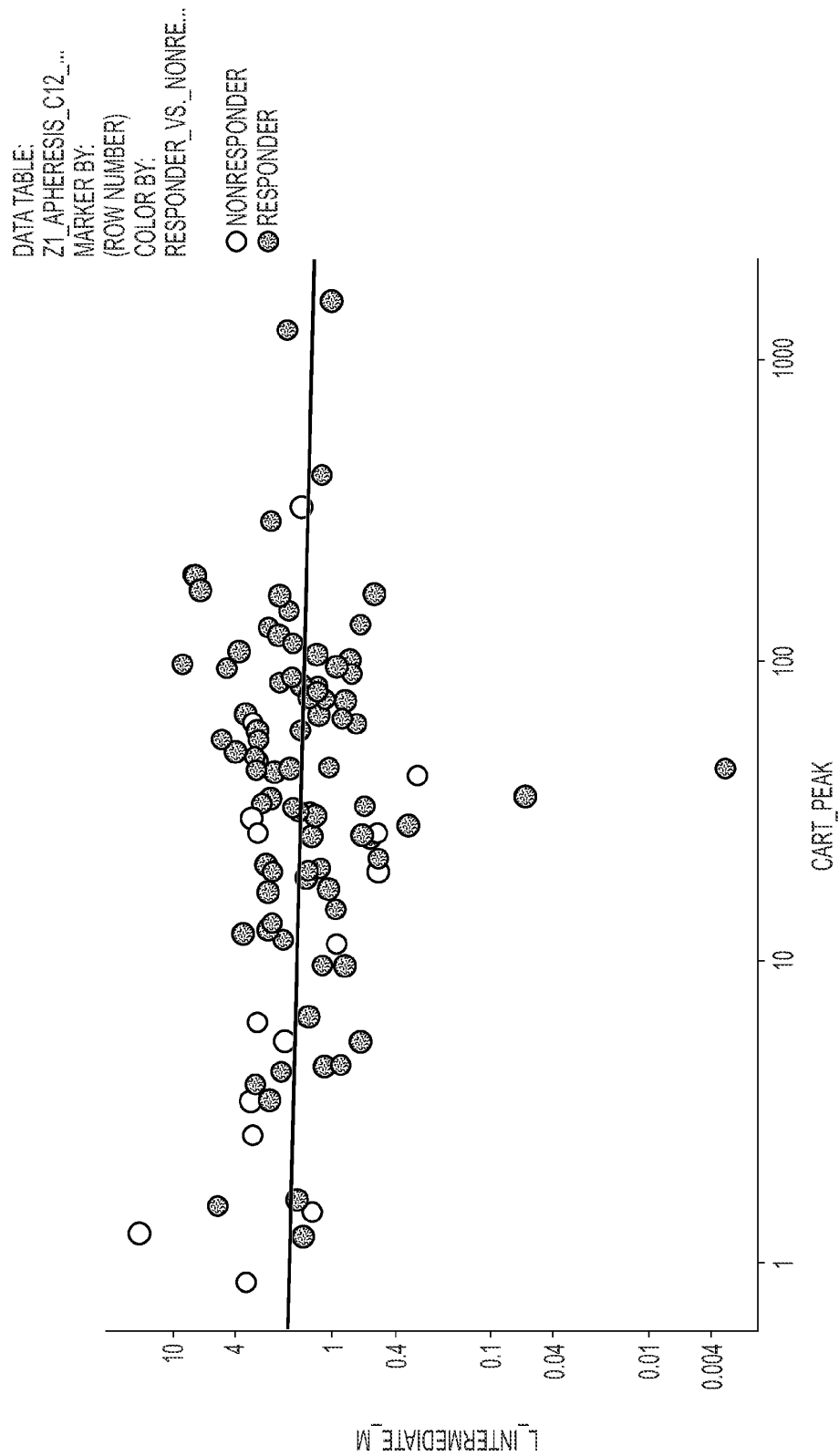


FIG. 19B

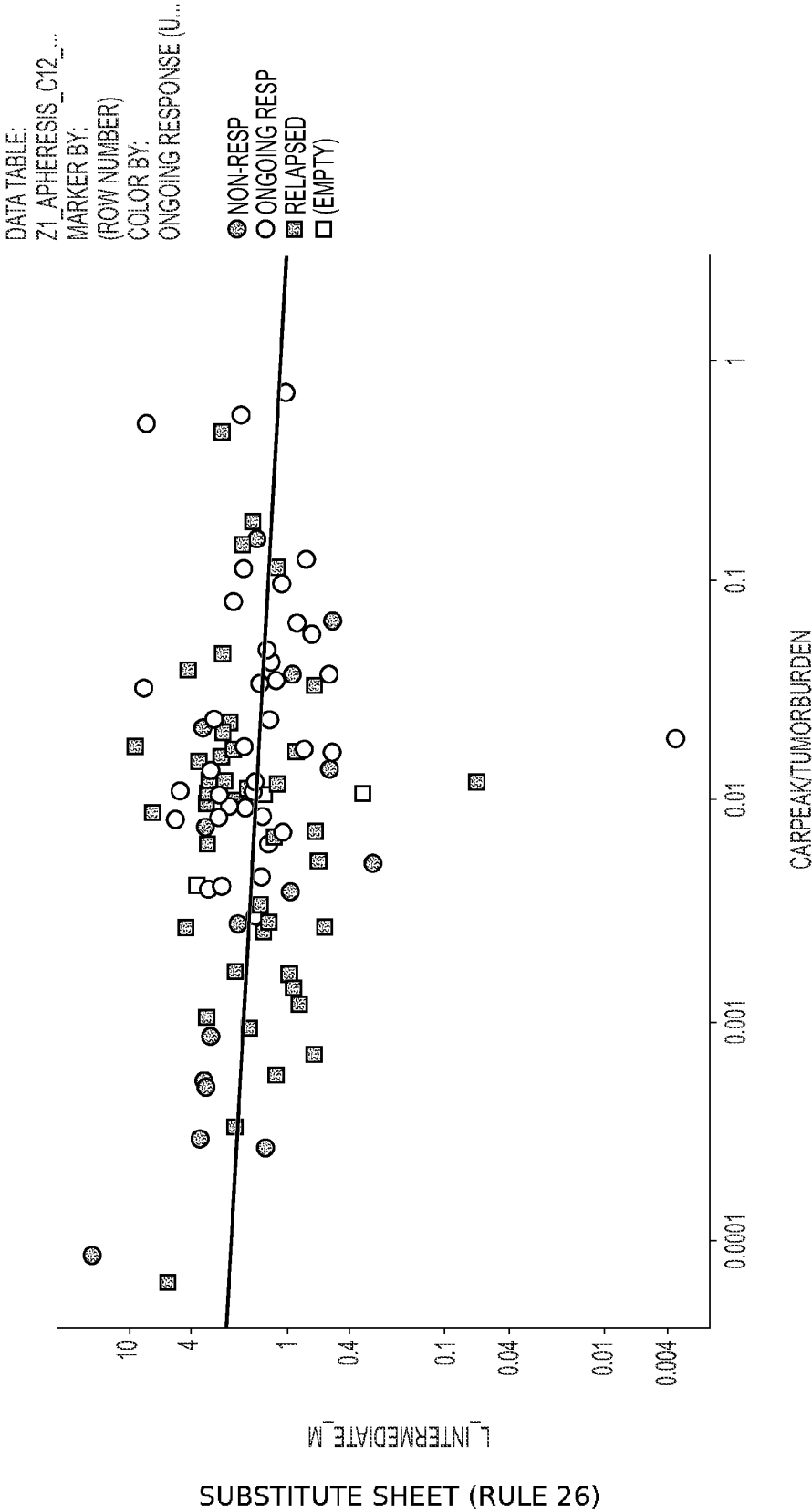


FIG. 19C

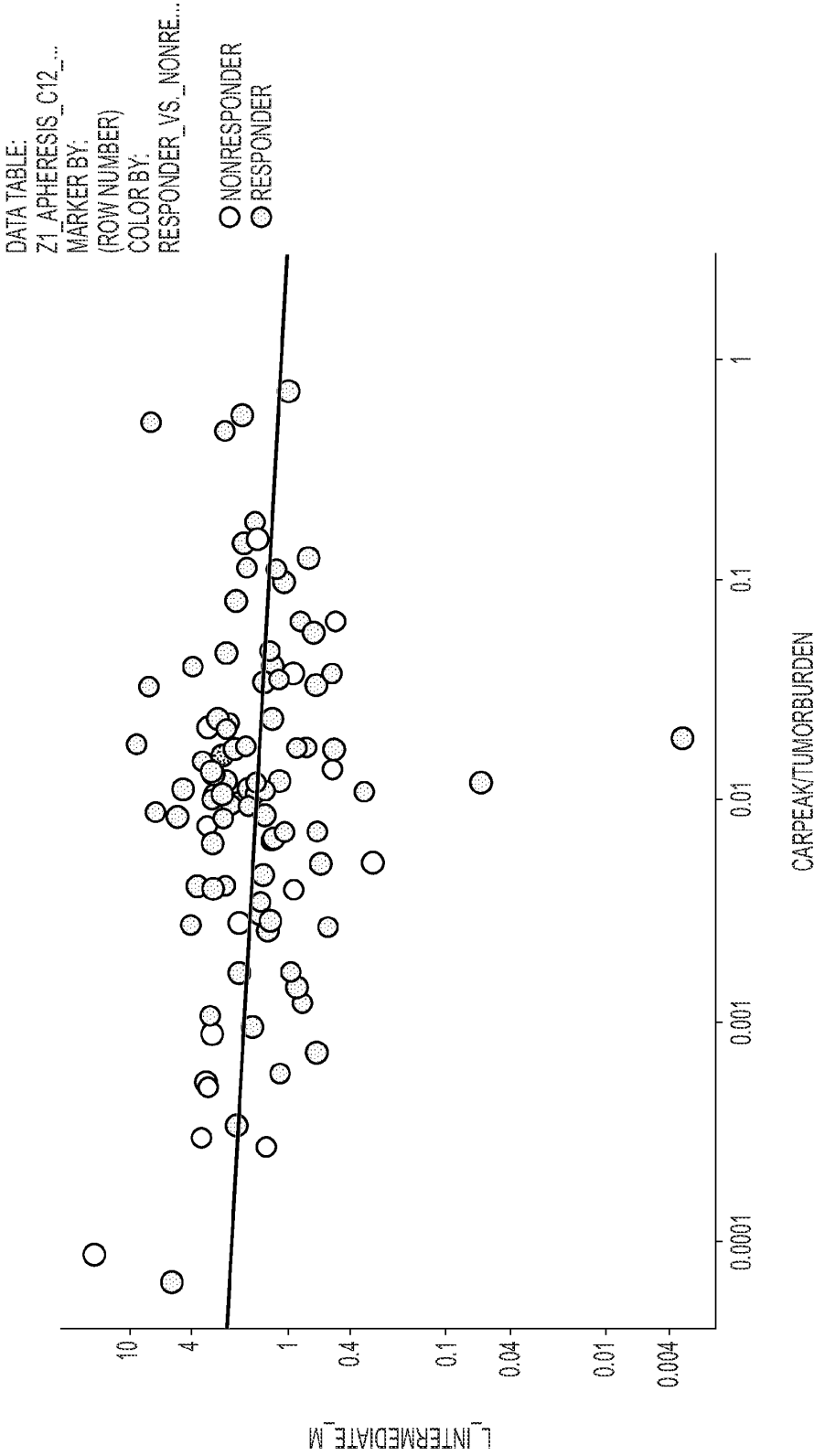


FIG. 19D

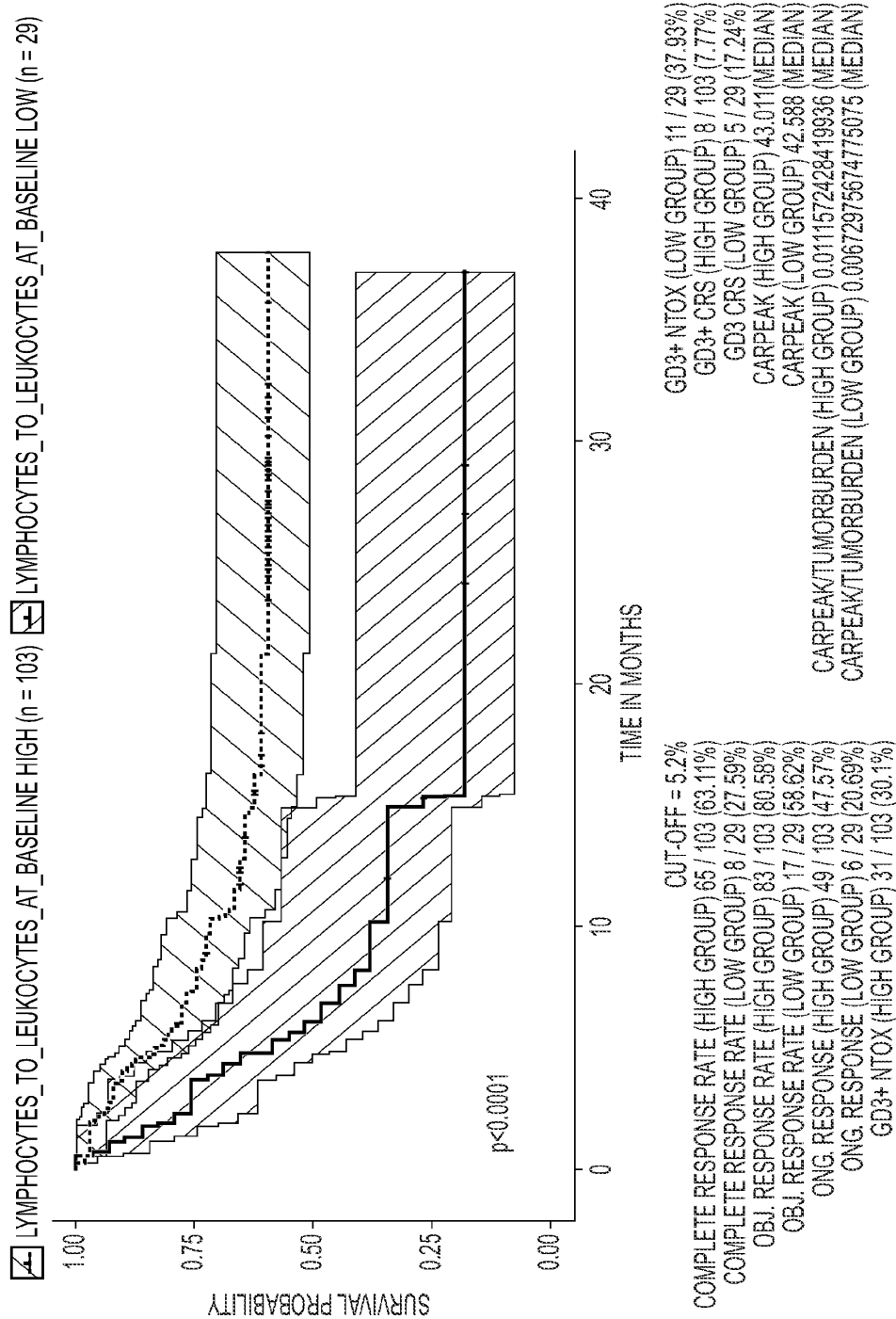
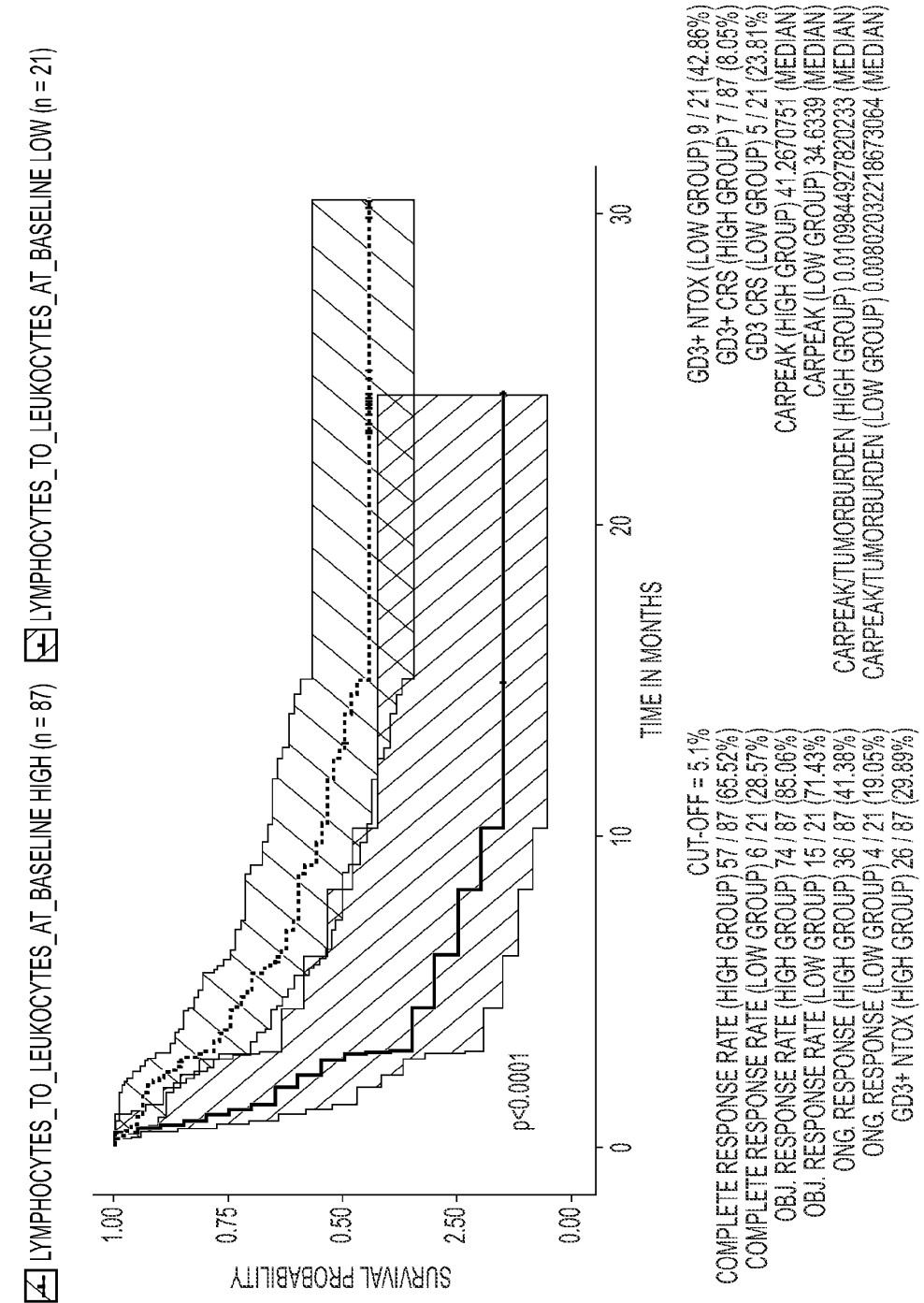


FIG. 20A



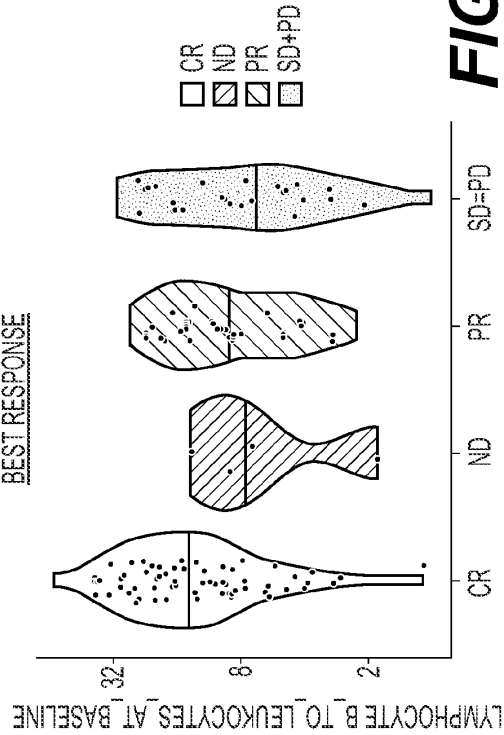
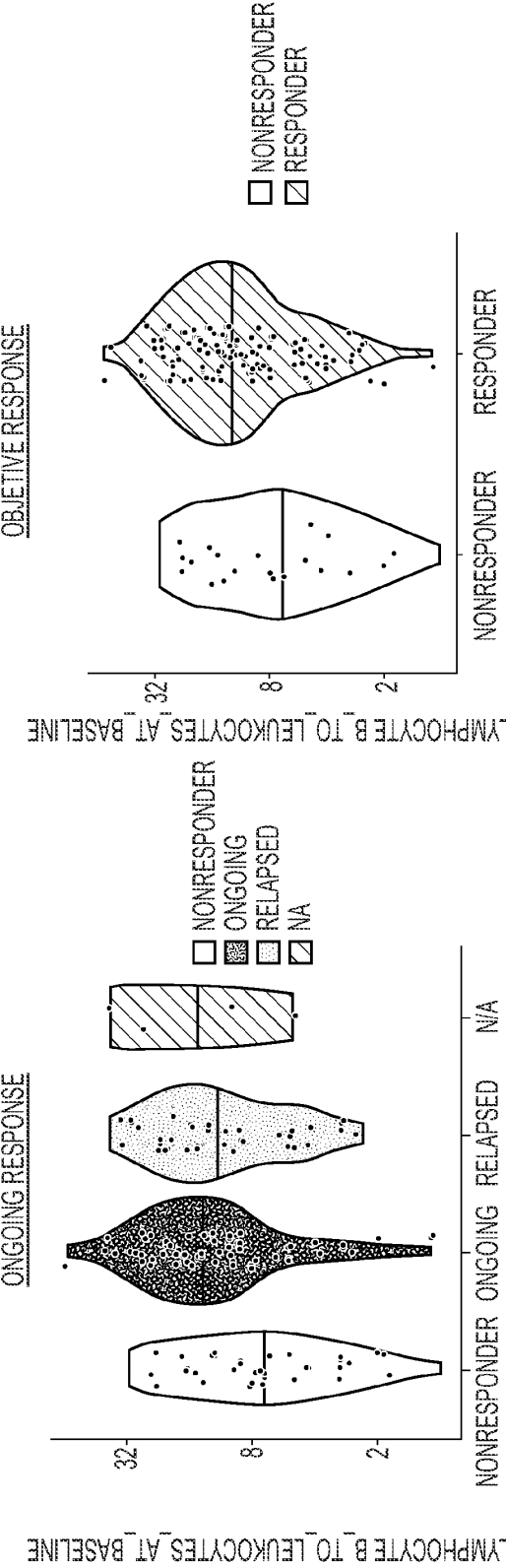


FIG. 21

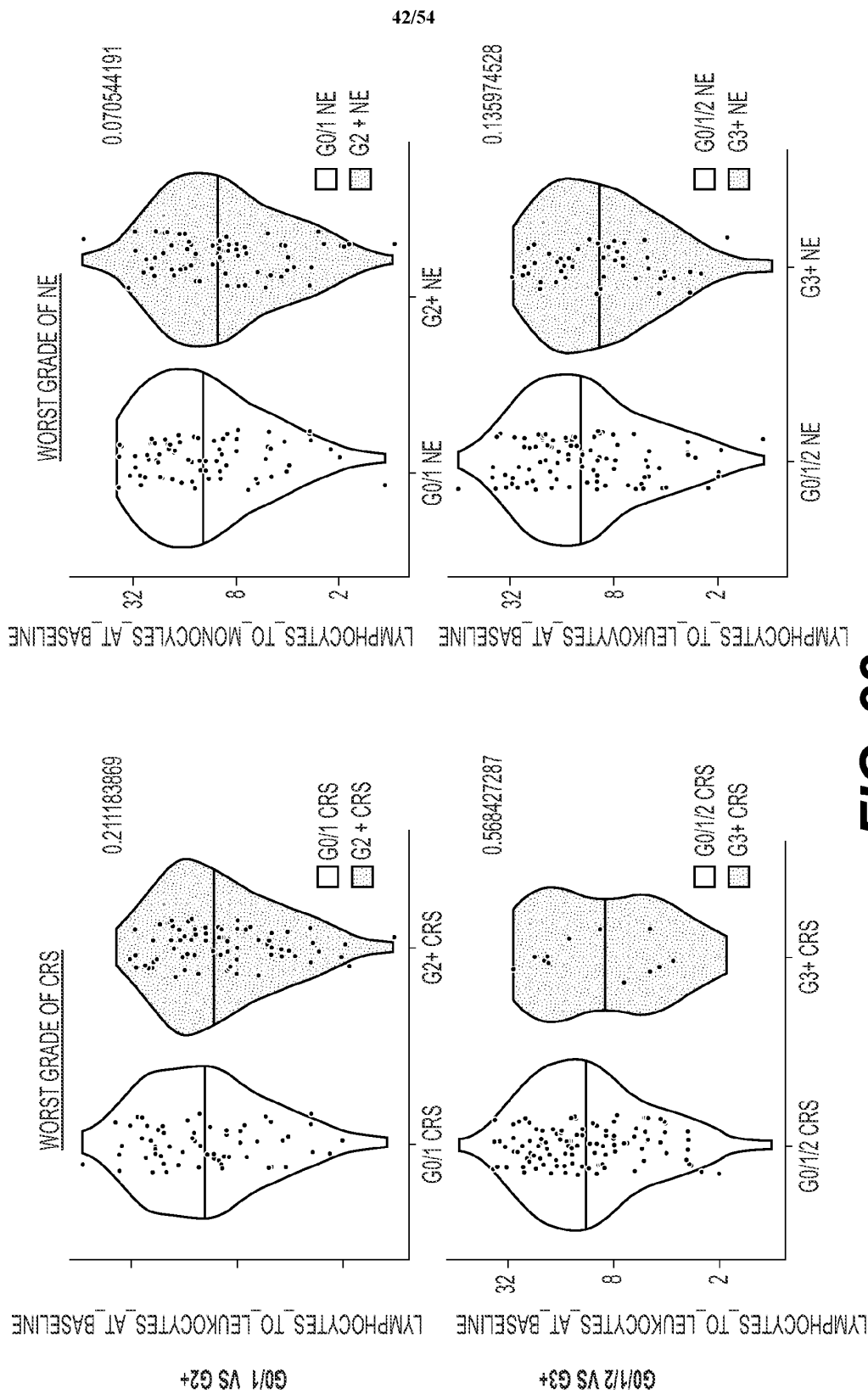


FIG. 22

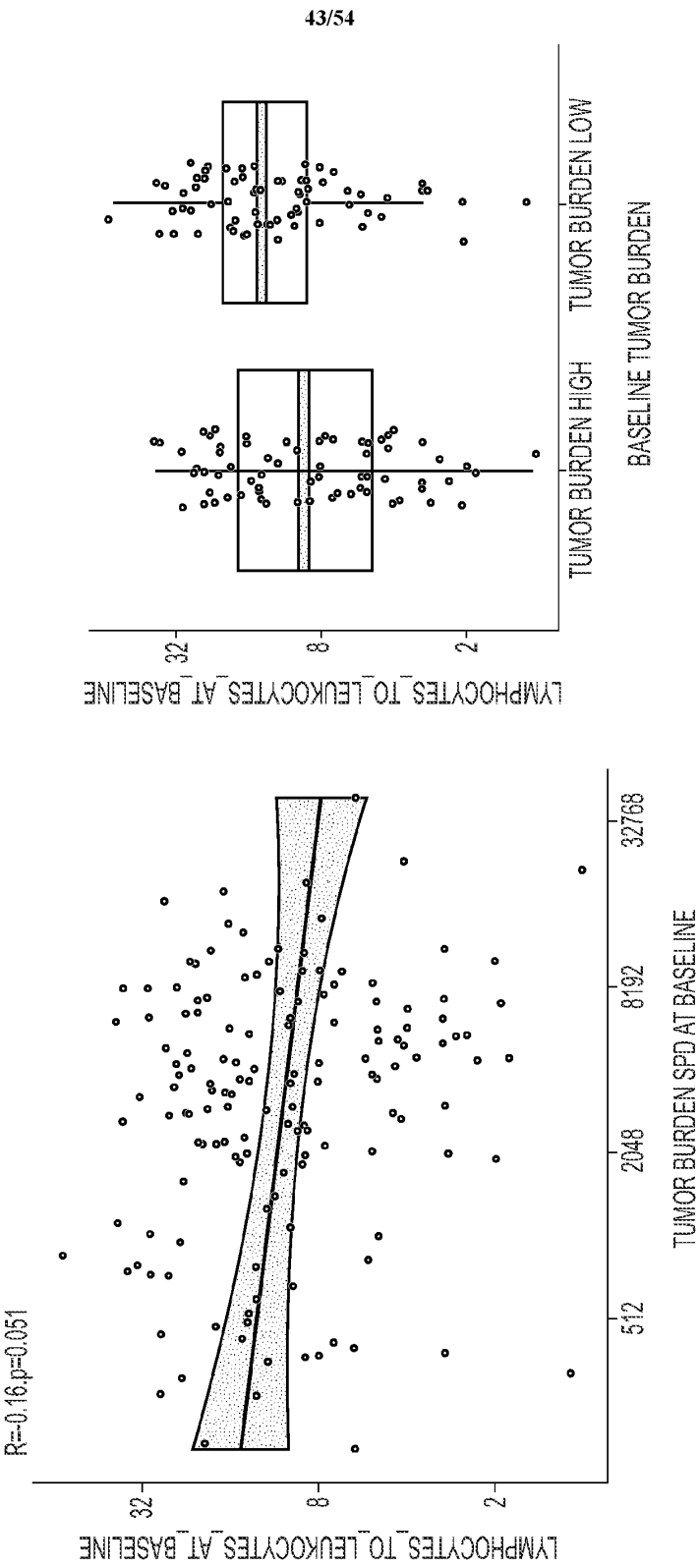


FIG. 23

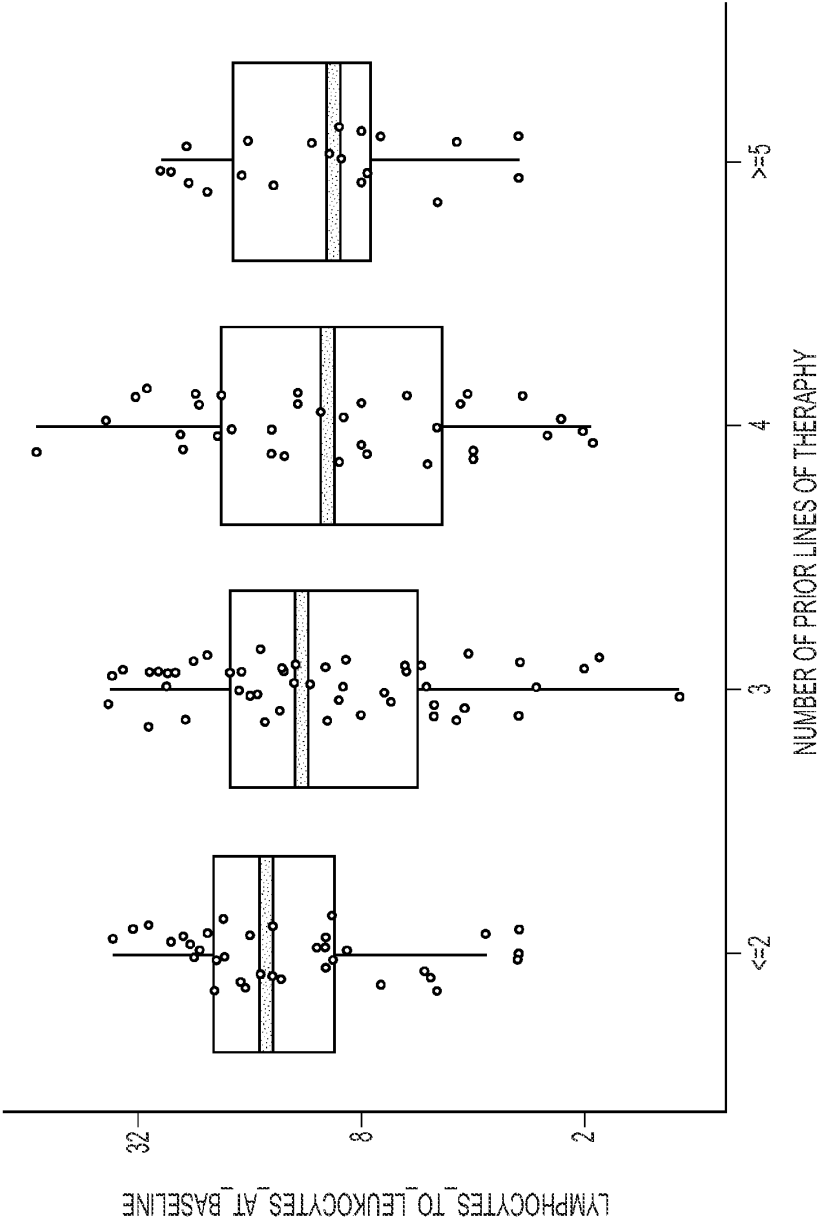


FIG. 24

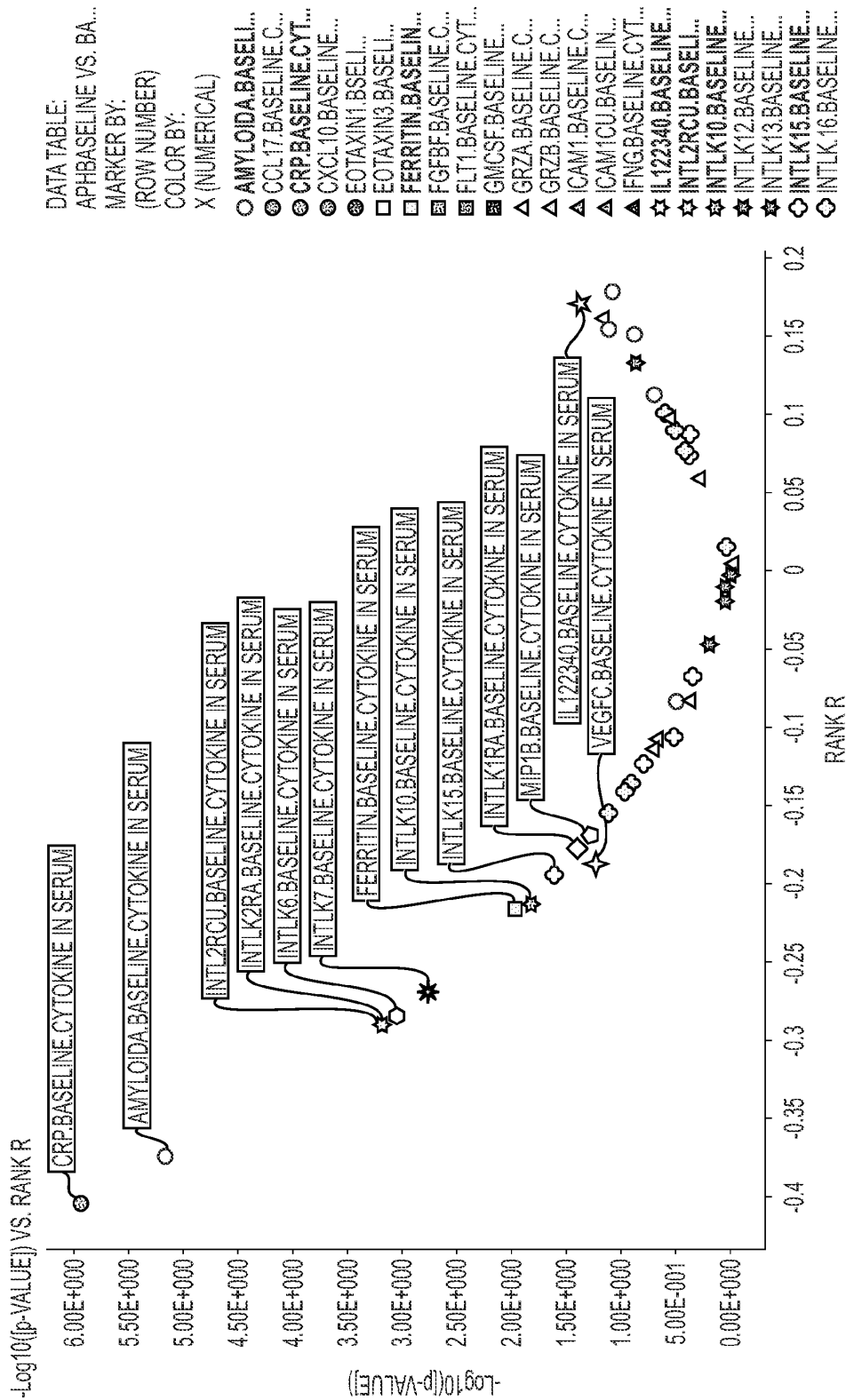
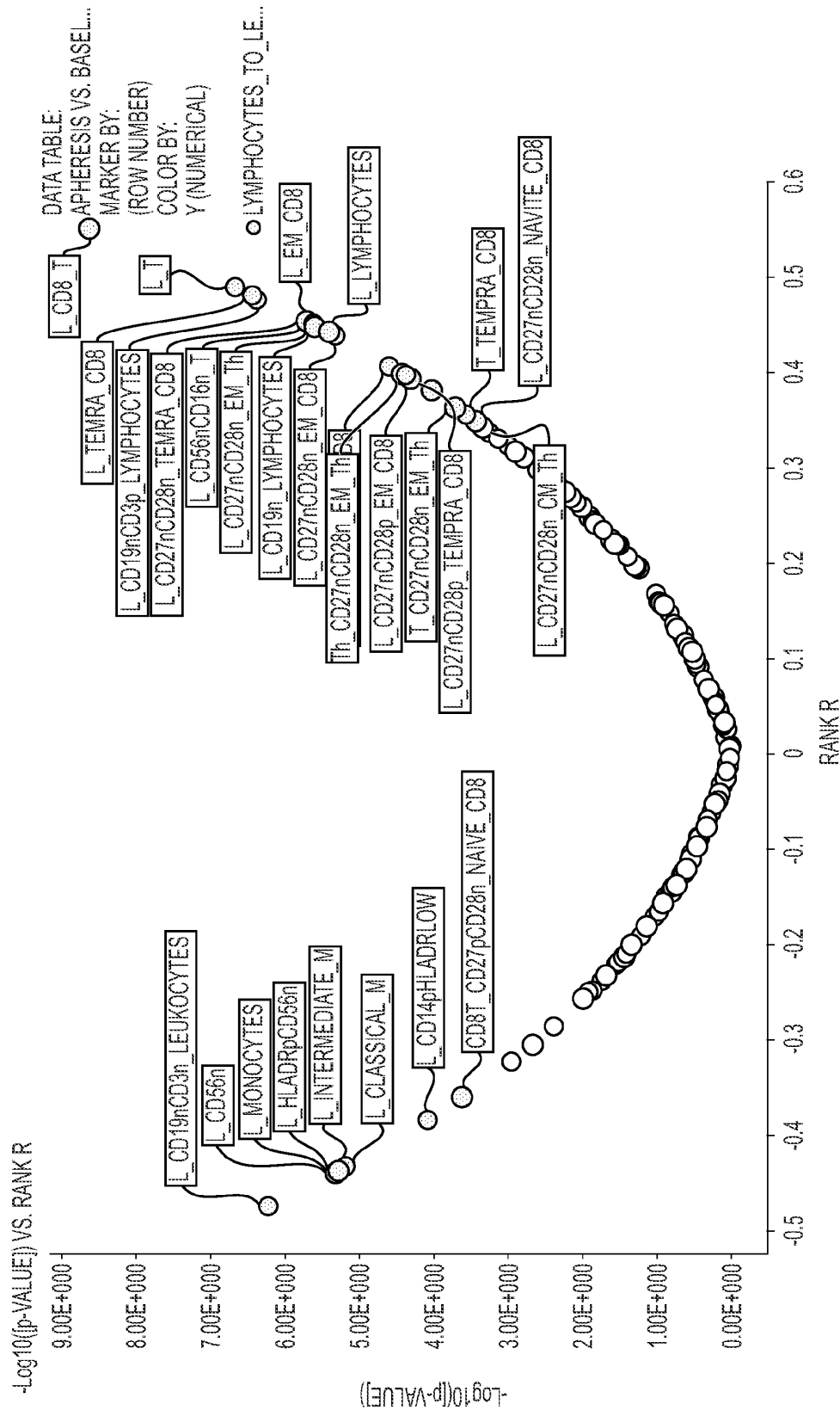


FIG. 25



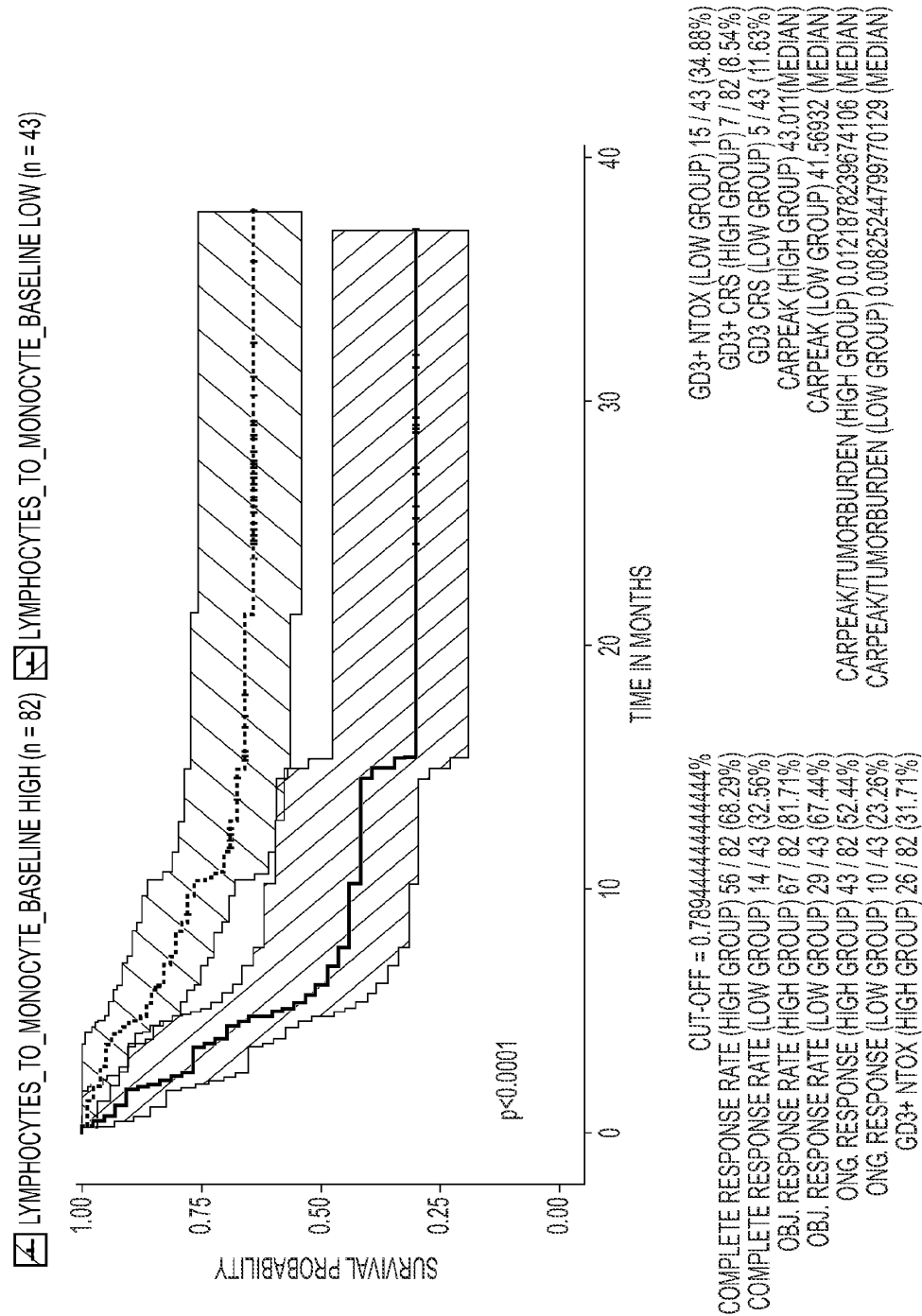
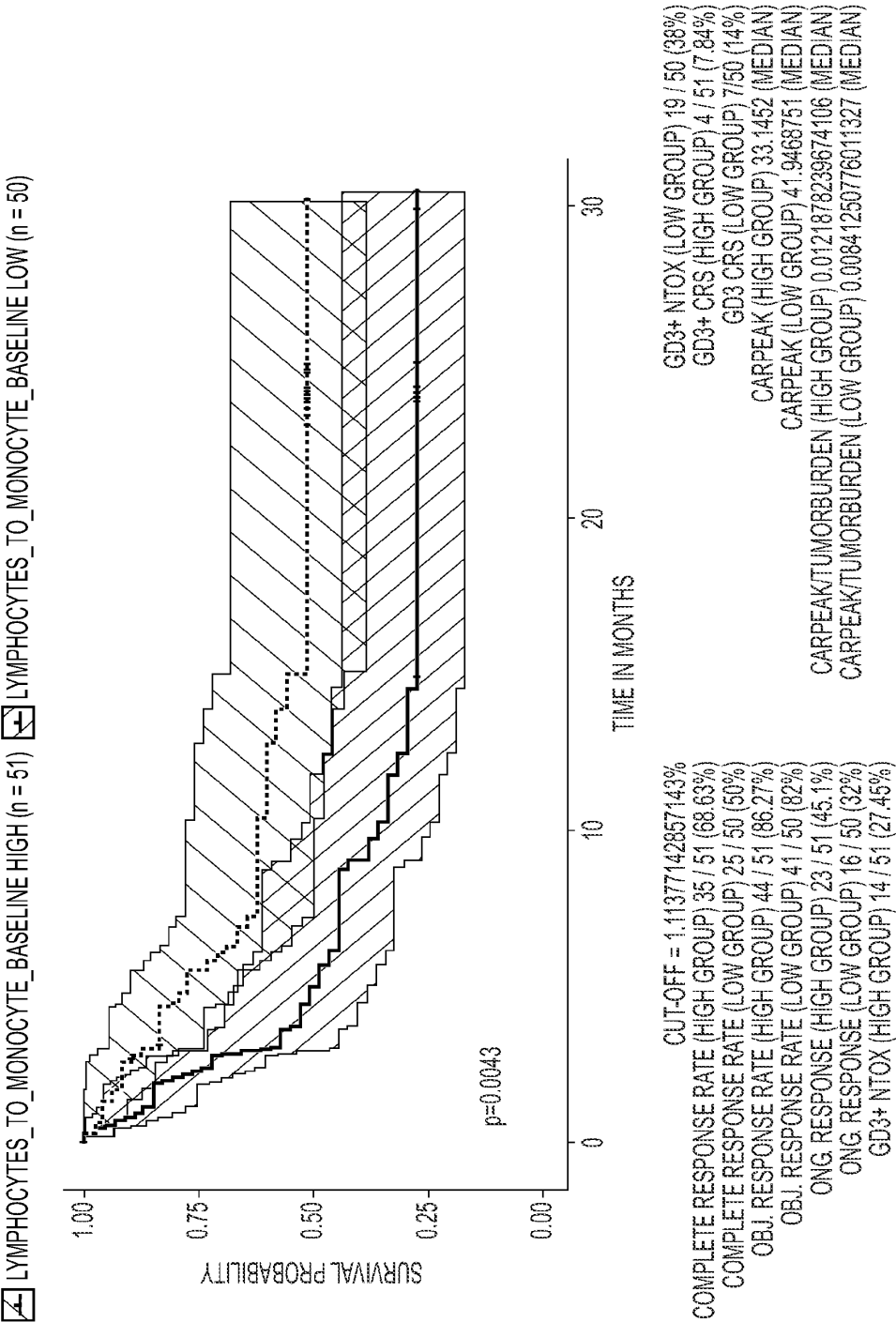


FIG. 27A



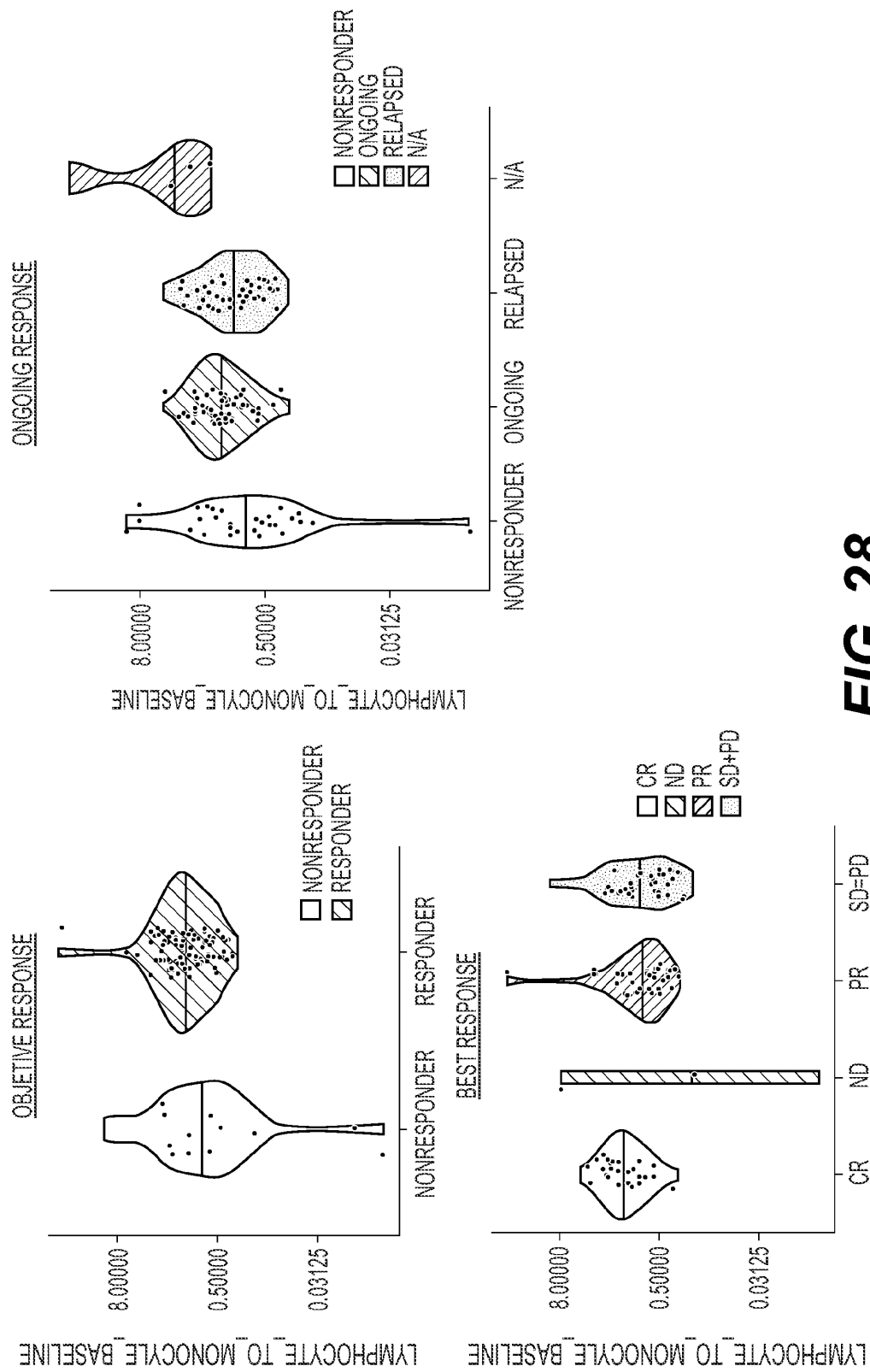


FIG. 28

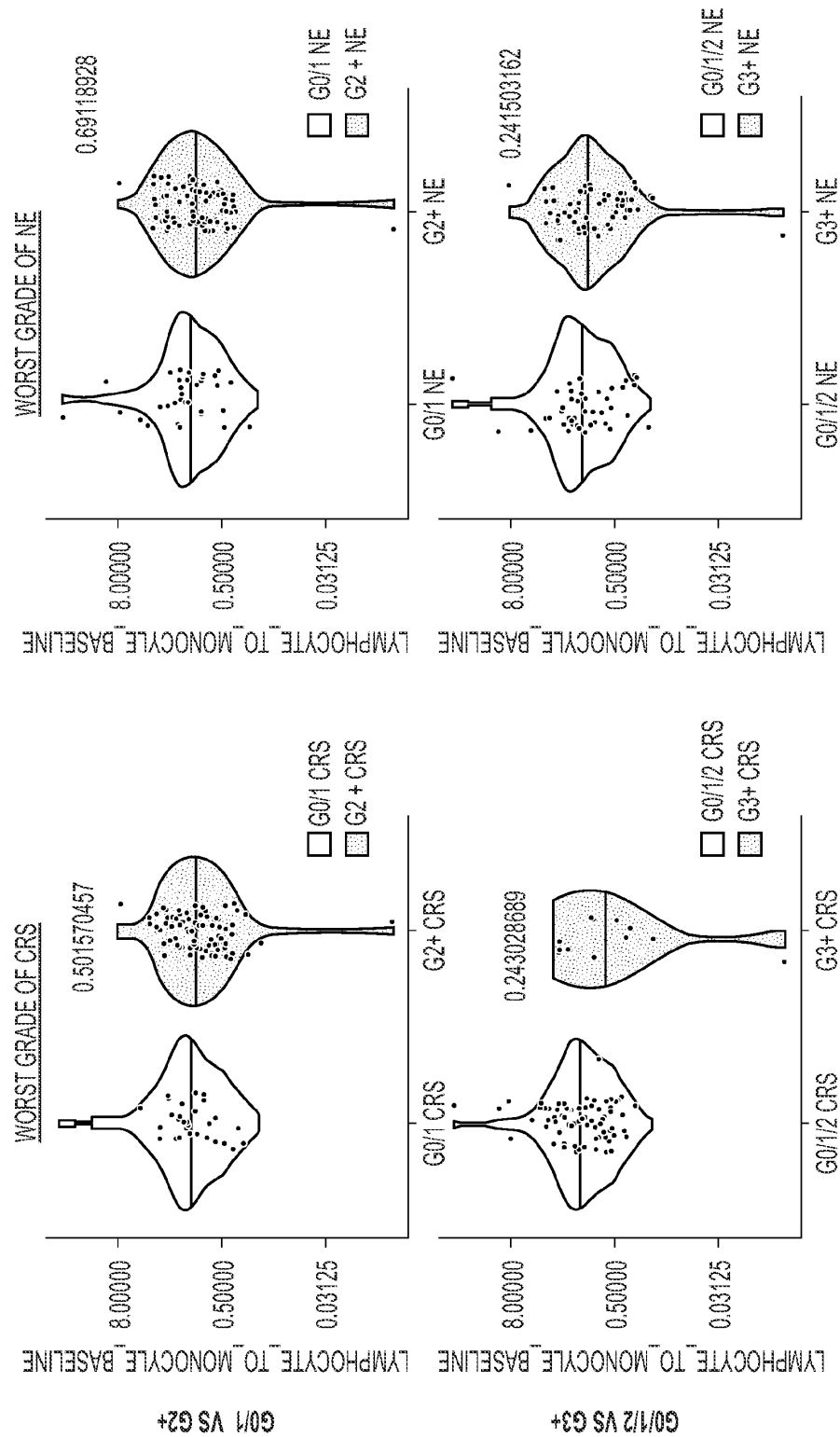


FIG. 29

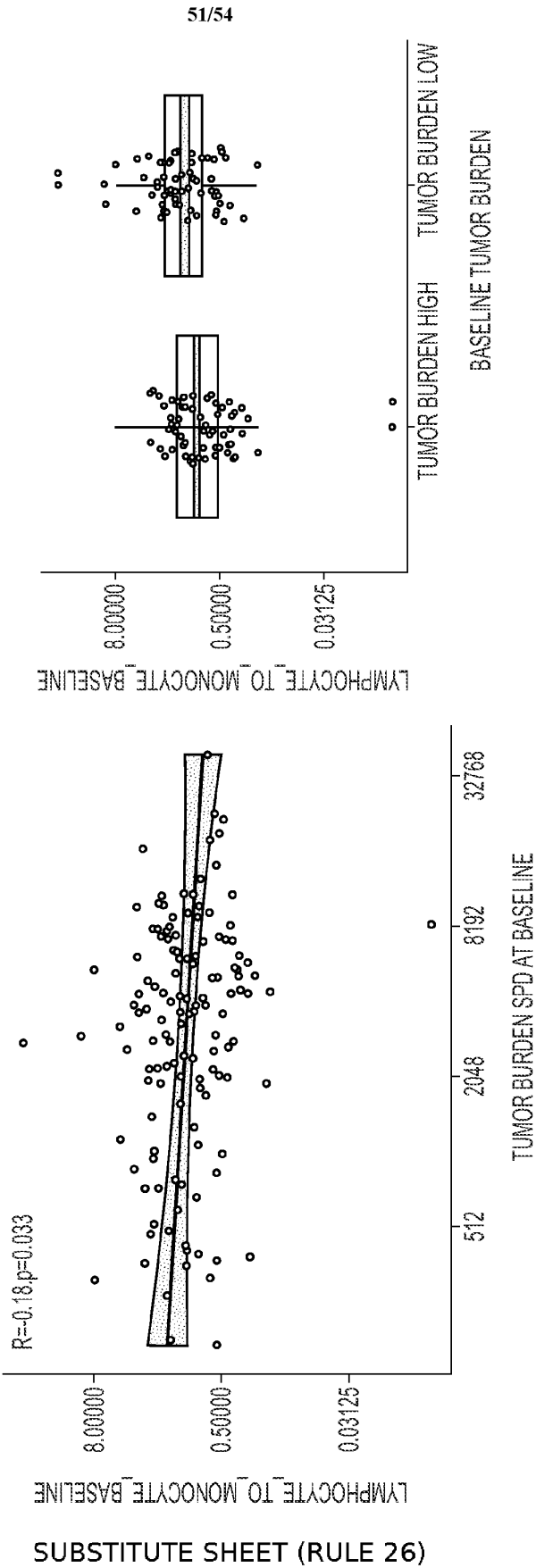


FIG. 30

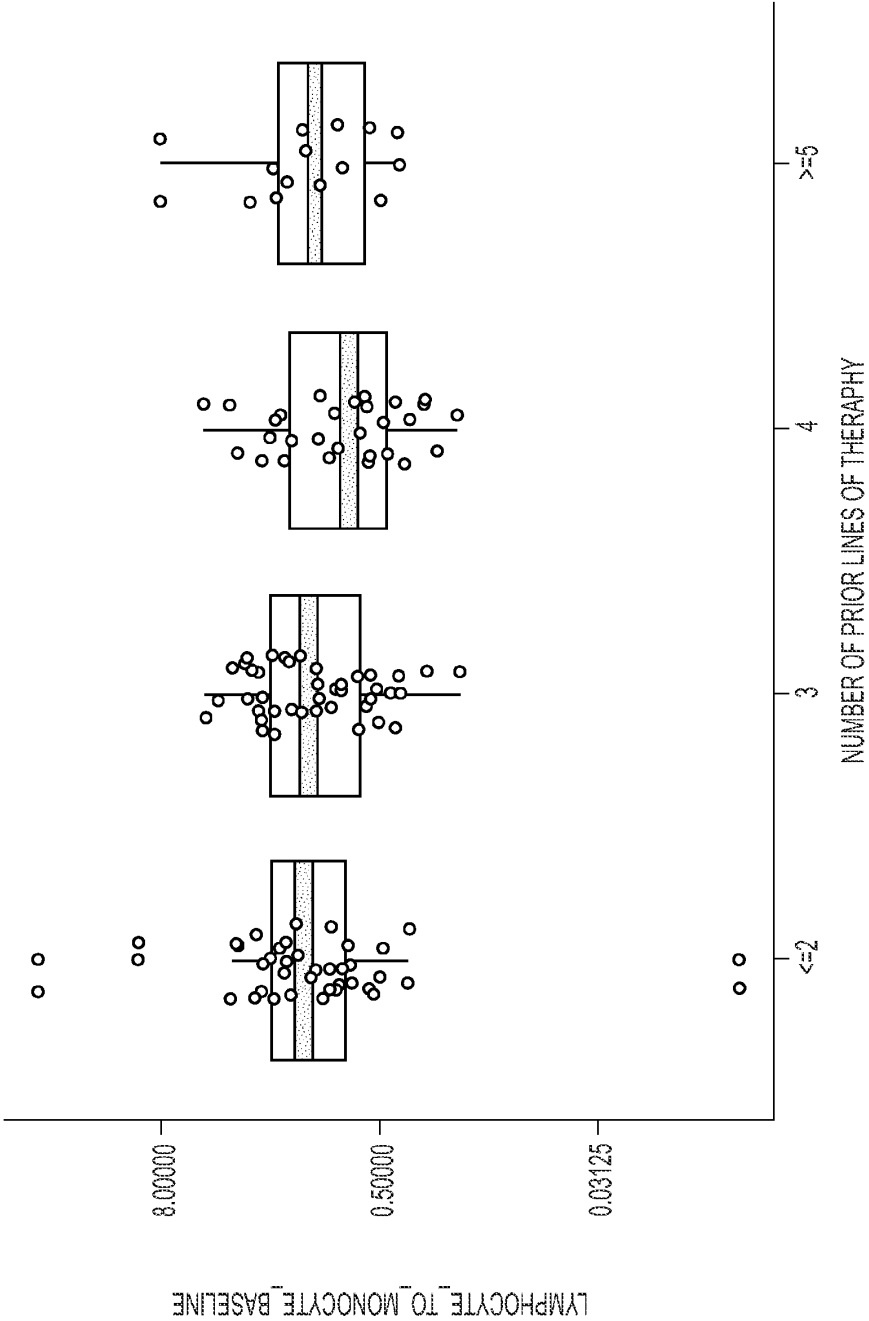


FIG. 31

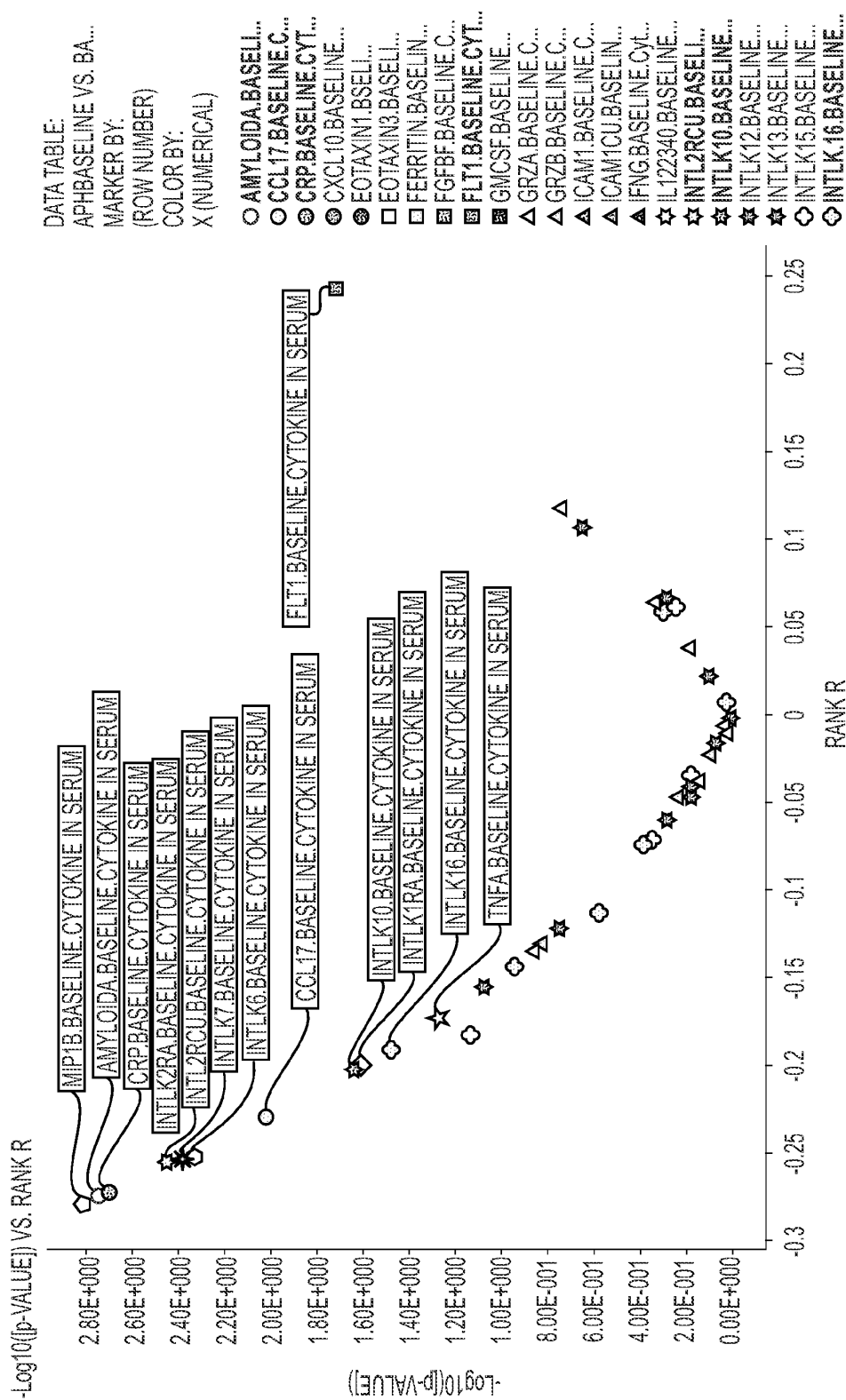


FIG. 32

