

1/28

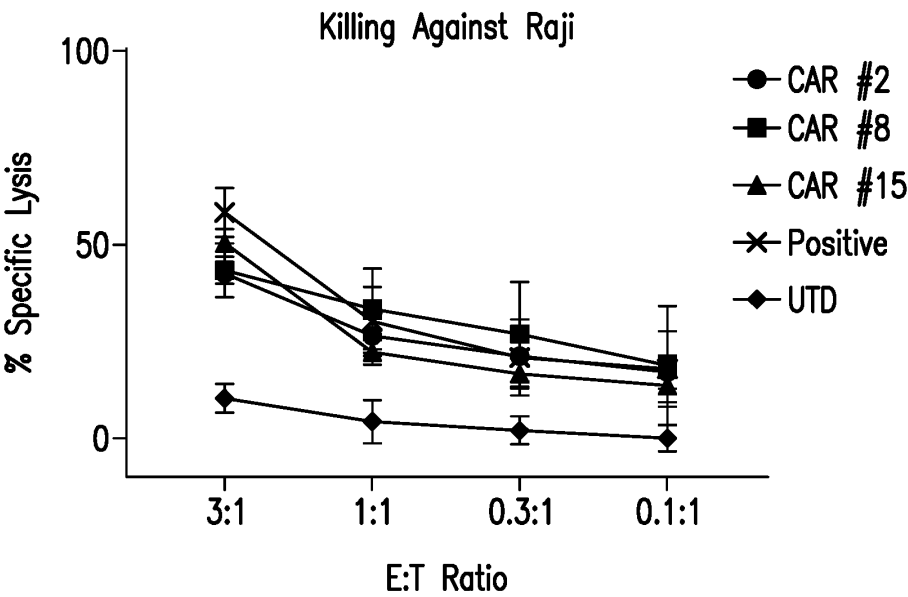


FIG. 1A

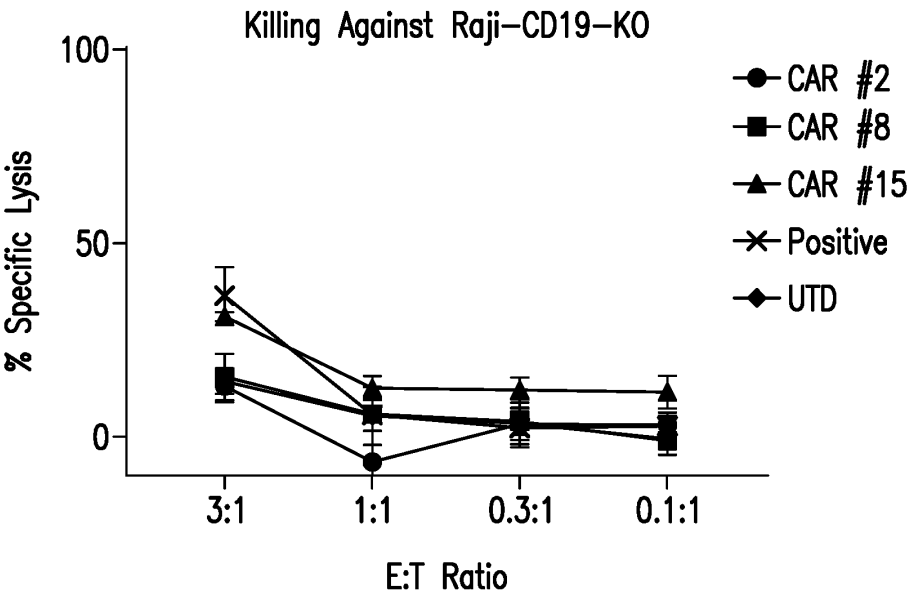


FIG. 1B

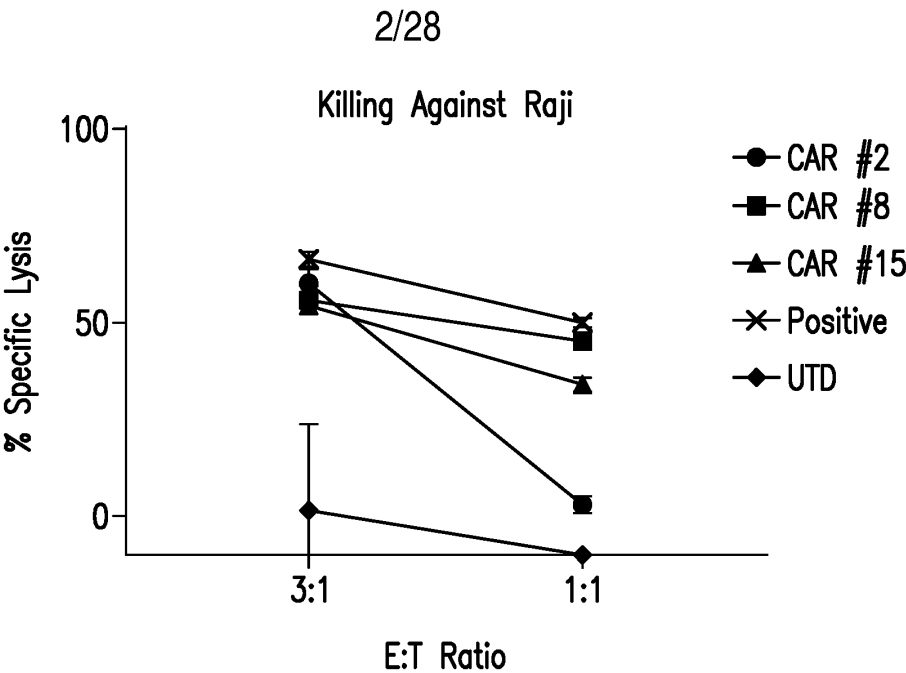


FIG. 2A

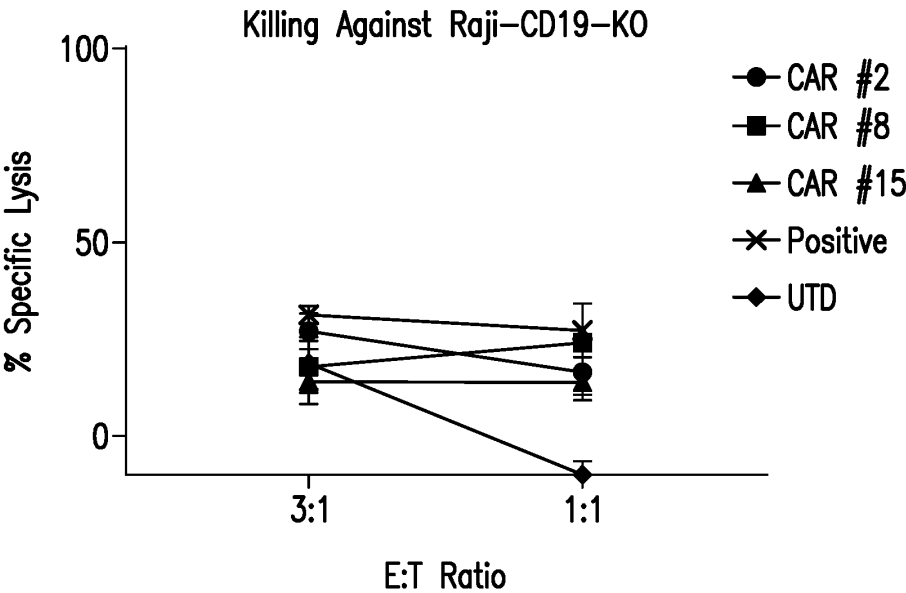


FIG. 2B

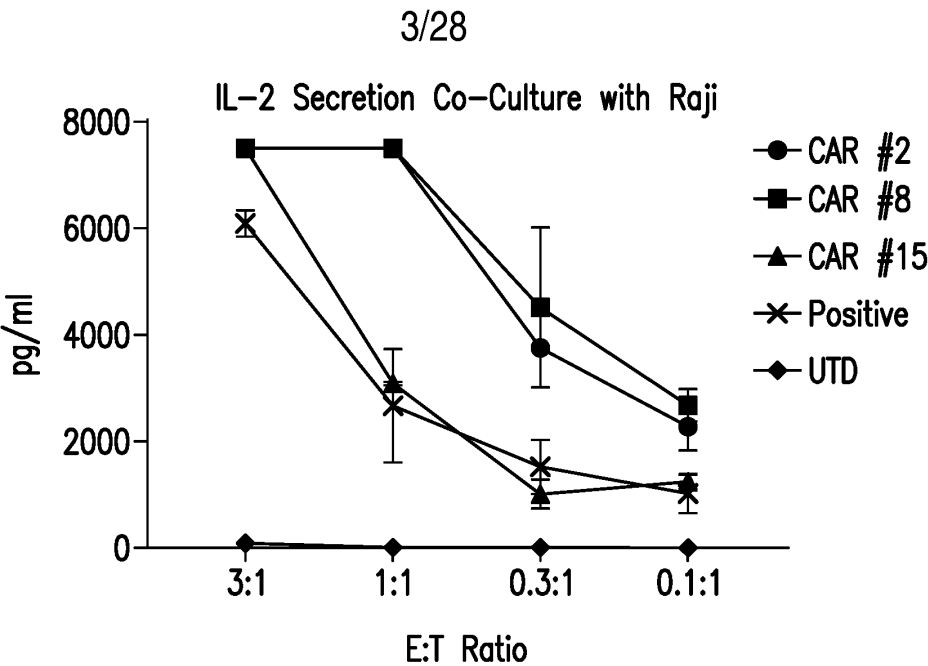


FIG. 3A

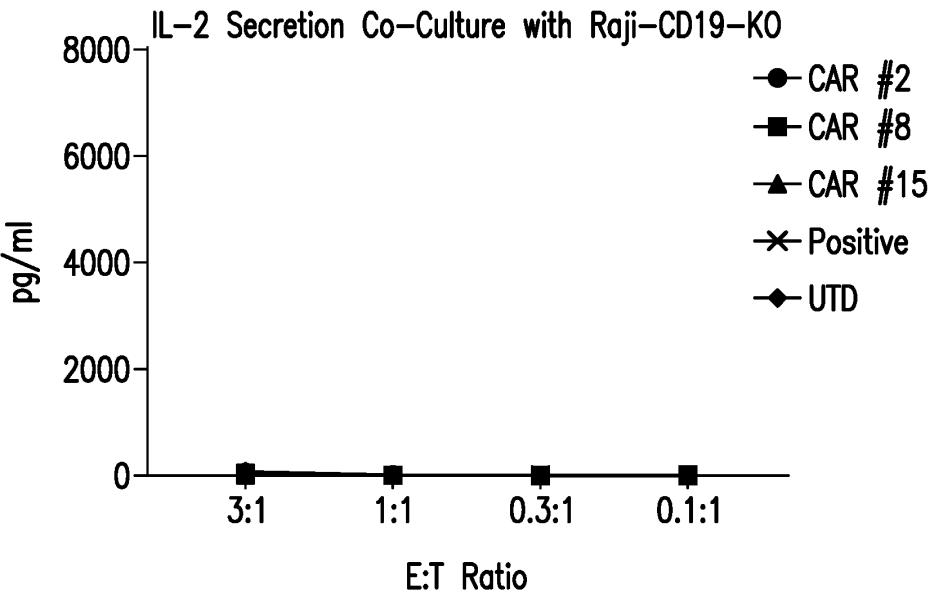


FIG. 3B

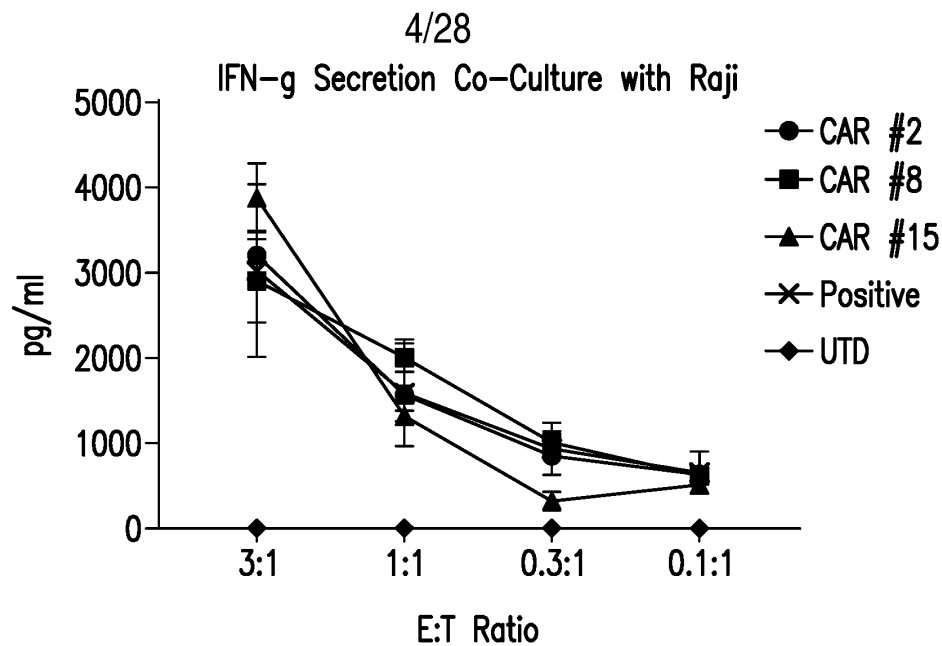


FIG. 4A

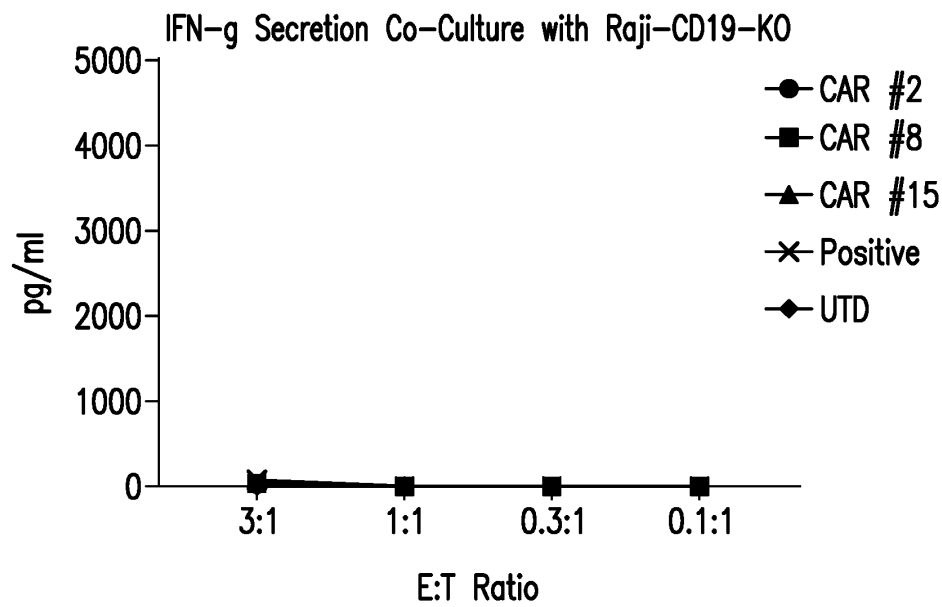
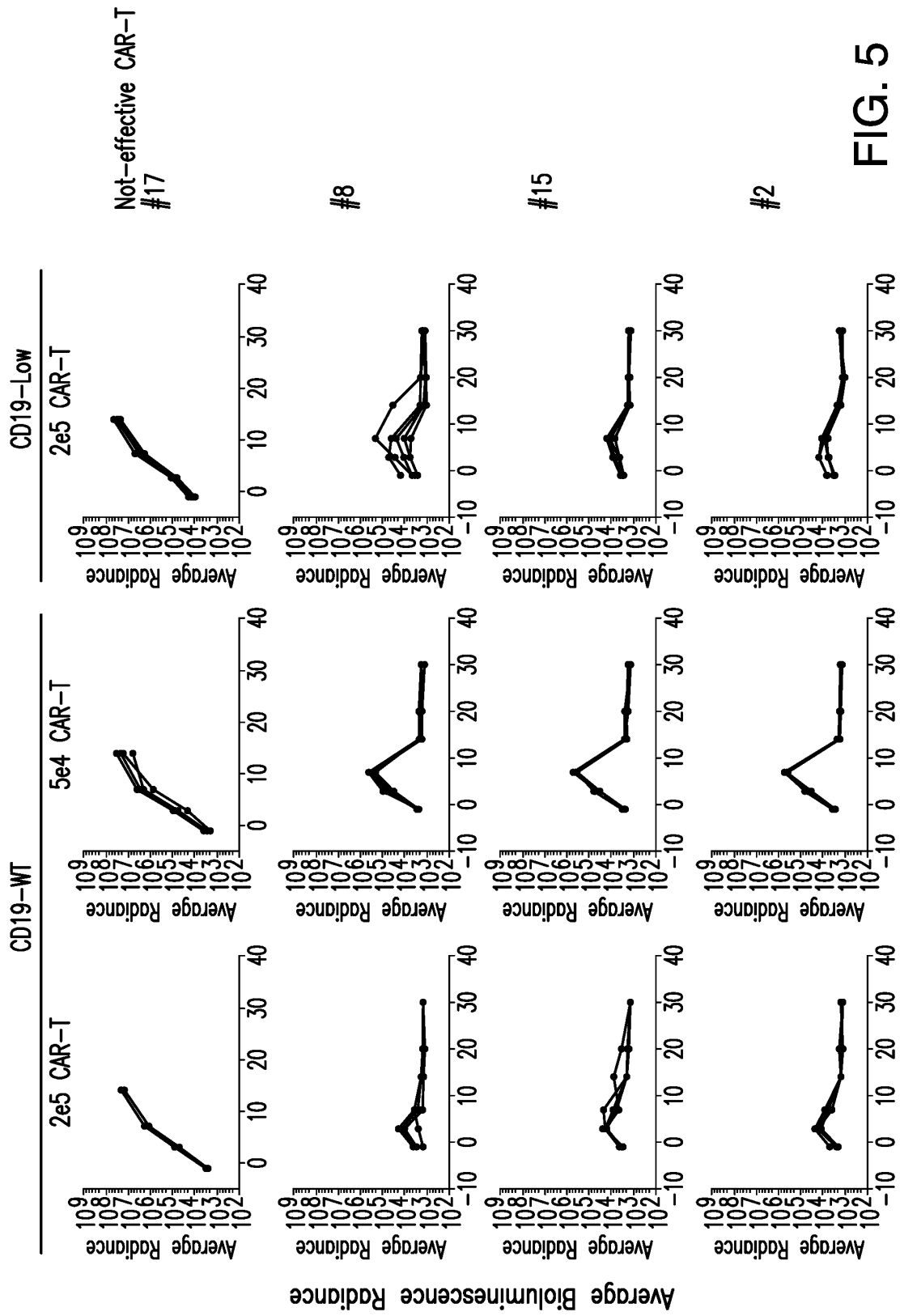


FIG. 4B

5/28



Protein Sequence:

CD19ss: Highlighted in red
His: Highlighted in blue
HSA: Highlighted in purple
Tev Site: Highlighted in green

>CD19_ECD_C10HisTev-GS_HSA_mat

SEQ ID NO: 77

MPPRLLFFLLTPMEVRPEEPLVKVVEEGDNAVLQCLKGTSDGPTQQLTWSRESPLKPFLKLSGLPGLGIHMRPLAIWLFIENVSQQMGGFYLC
QPGPPSEKAWQPGWTVNVEGSELFRWNVSDLGGLGCGLKNRSSEGPSSPSGKLMSPKLYWAKDRPEIWEGEPPCLPPRDSLNQSLSQDLT
MAPGSTLWLSGCVPPDSVSRGPLSWTHVHPKGPKSLLSLELKDDRPARDMWMETGLLLPRATAQDAGKYCHRGNTMSFHLEITARPVLWH
WLLRTGGWKHHHHHHHHHDYDPTT**ENLYEQ**GGGGGGGGGGGGGGGGGGSDAHKSEVAHRFKDLGEENFKALVLJAFQYLQQCPFEDH
VKLVNEVTEFAKCVADESAENCDSLHTLFGDKLCTVATLRETYGEMADCCAKQEPERNECFLOHKDDNPNLPRLVPRPEVDVMCTAFHDNEETF
LKKYLEIARRHPYFYAPELLFAKRYKAFTCCQAADKAACLLPKLDELDEGKASSAKQRLKCASLQKGERAFKAWAVARLSQRFPKAEEFAE
VSKLVTDLTKVHTECCHGDLLECADDDRADLAKYICENQDSISSKKECCEKPLLEKSHCIAEVENDEMPADLPSLAADFVESKDVCKNYAEAKDVFL
GMFLYEARHPDYSWLLRLAKTYETTLKCCAAADPHECYAKVDFEFPKPLVEEPQNLKQNCSELFQLEQYKFNALLVRYTKKVPQVSTPTLV
EVSRLGKVGSKCKHPEAKRMPCAEEDYLSWLNQLCVLHEKTPVSDRVTKCCTESLVNRRPCFSALEVDETYYPKEFNAETFTFHADICTLSEKE
RQIKQTALVELVKHKPKATKEQLKAVMDDDFAAFVEKCKADDKETCFEEGKKLVAASQAALGL

6/28

FIG. 6

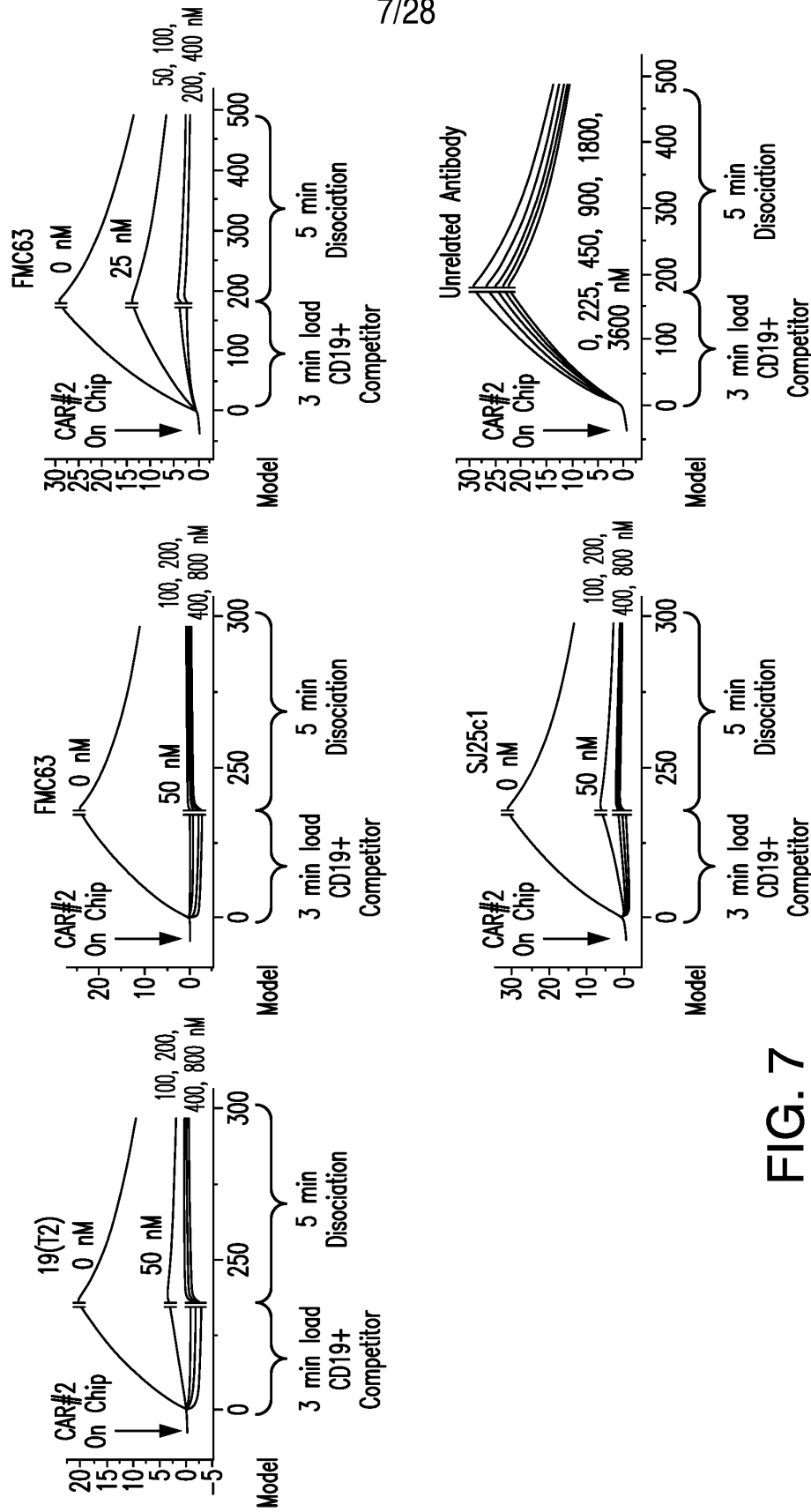


FIG. 7

8/28

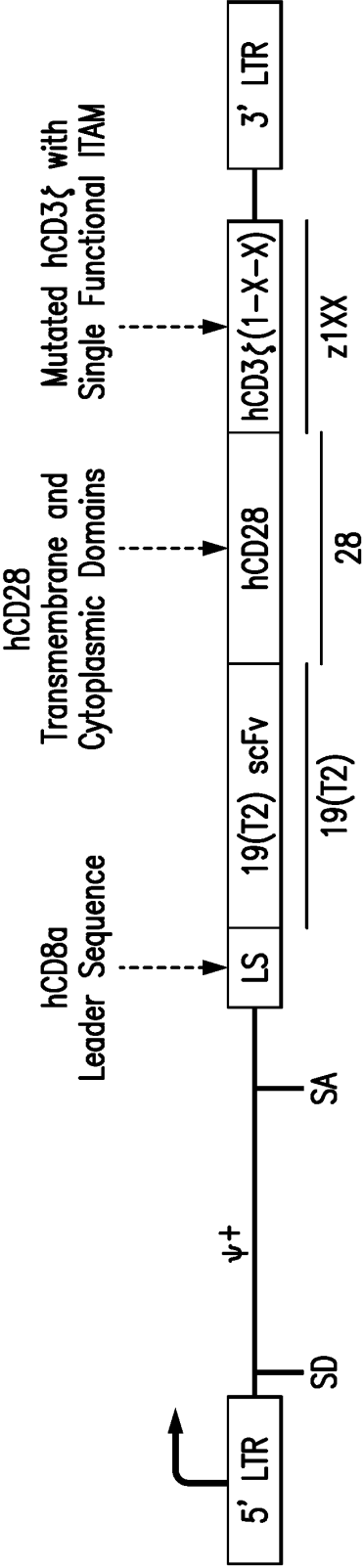


FIG. 8

9/28

Protein Sequence		
Similarity : 108/112 (96.42%)		
SEQ ID NO: 43	CD3z1xx 1	RVKFSRSADAPAYQQGQNQLYNELNLGRREEYDVLDKRRGRDPEMGKPRRKNPQEGLFN 60
		RVKFSRSADAPAYQQGQNQLYNELNLGRREEYDVLDKRRGRDPEMGKPRRKNPQEGL+N
SEQ ID NO: 30	CD3z 1	RVKFSRSADAPAYQQGQNQLYNELNLGRREEYDVLDKRRGRDPEMGKPRRKNPQEGLYN 60
	CD3z1xx 61	ELQKDKMAEAFSEIGMKGERRRGKGHGDLFQGLSTATKDTFDALHMQUALPPR 112
		ELQKDKMAEA+SEIGMKGERRRGKGHGDL+QGLSTATKDT+DALHMQUALPPR
	CD3z 61	ELQKDKMAEAYSEIGMKGERRRGKGHGDL_YQGLSTATKDTYDALHMQUALPPR 112

FIG. 9

10/28

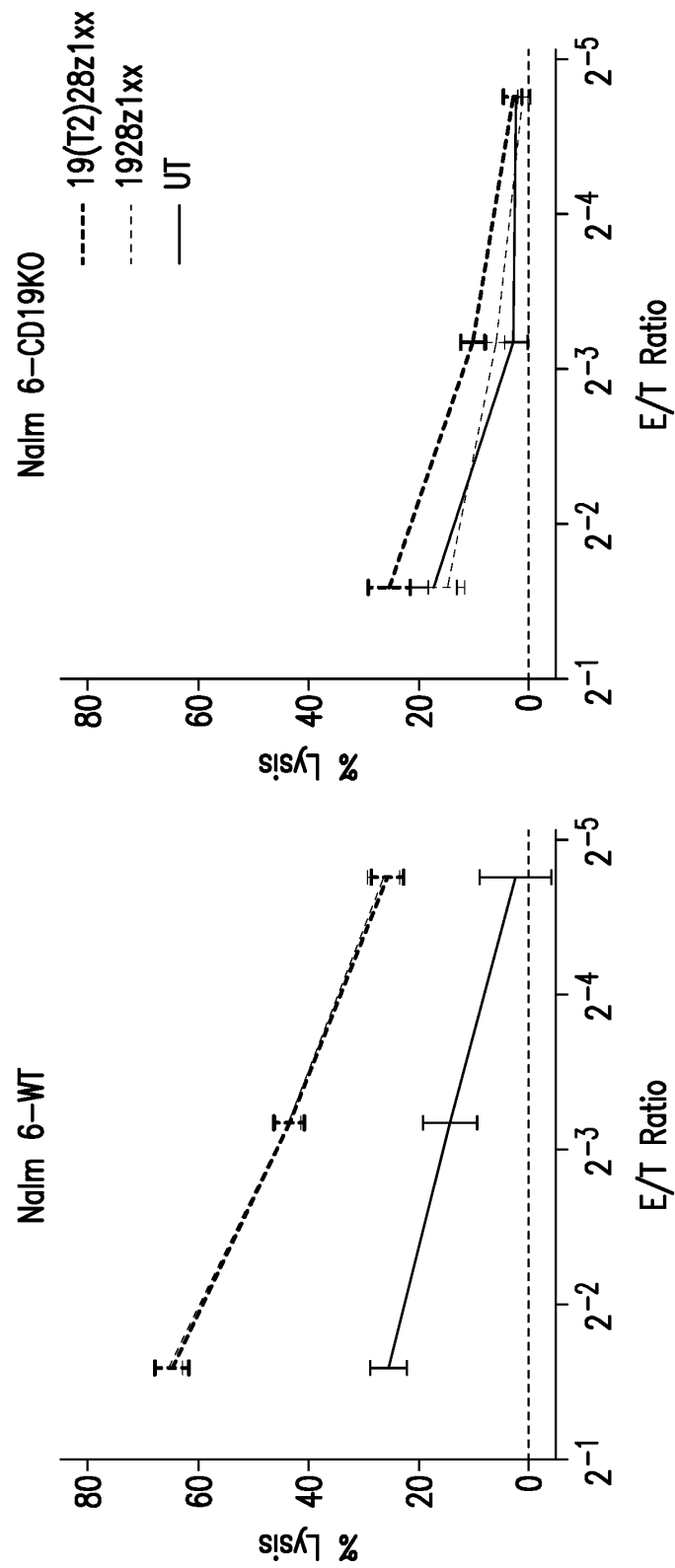


FIG. 10

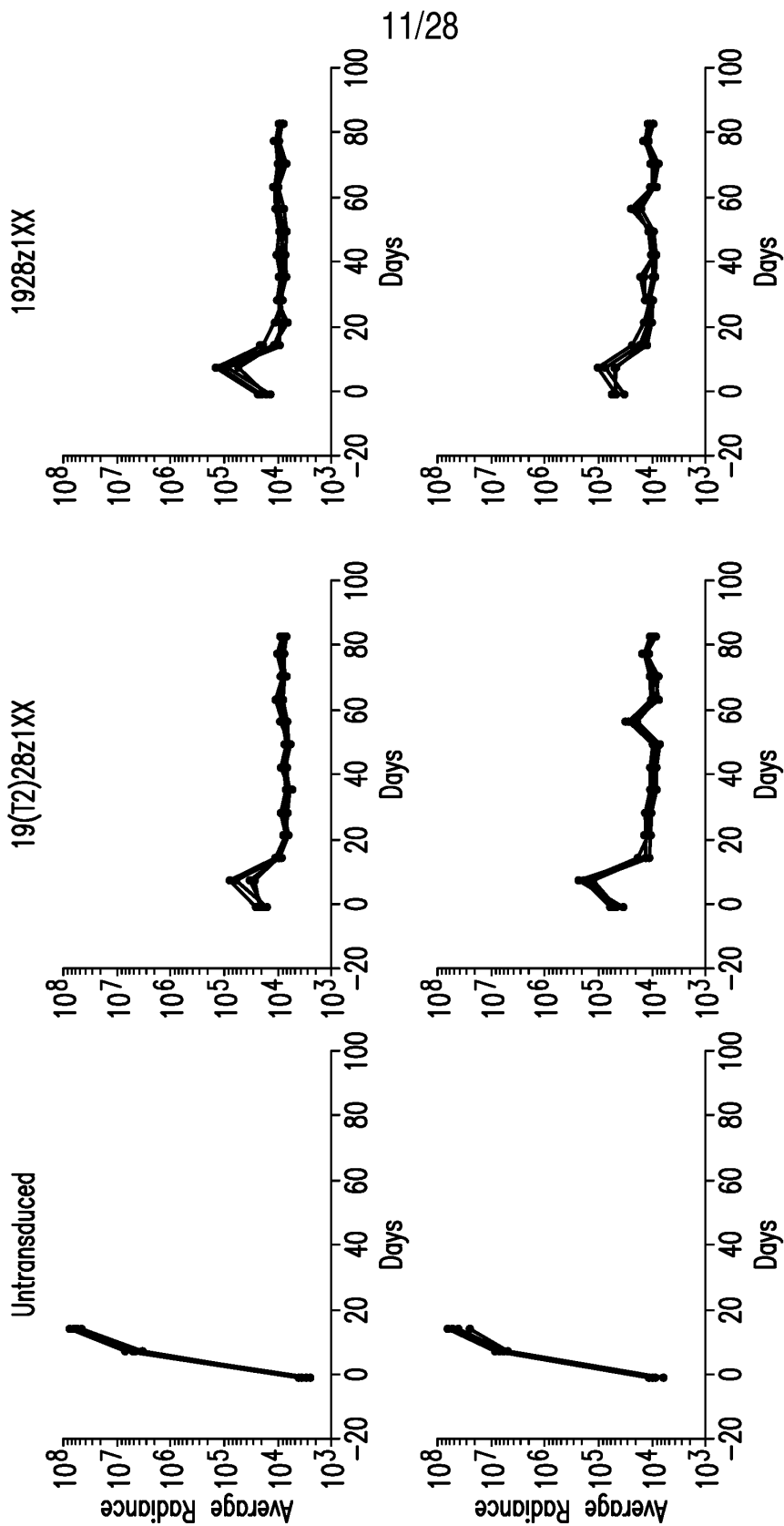


FIG. 11

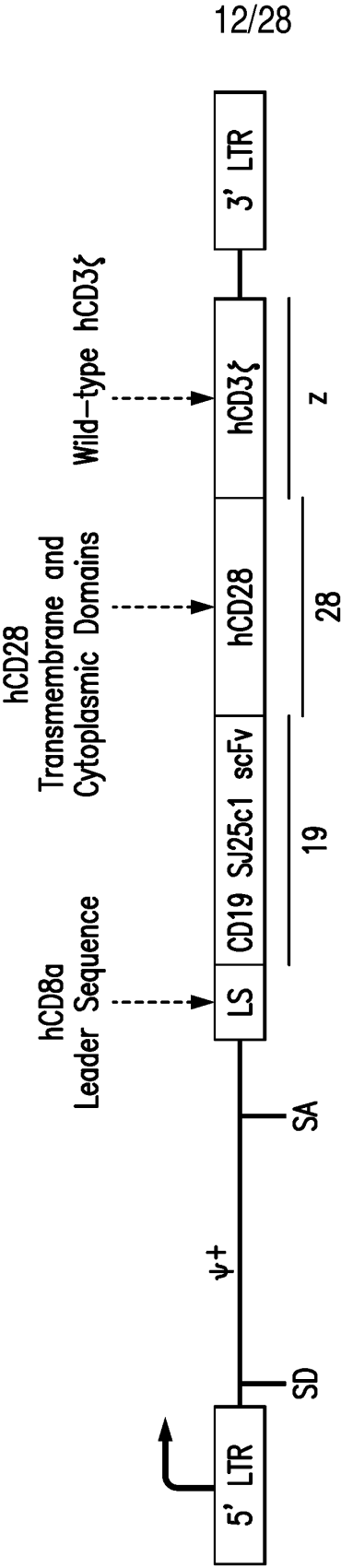


FIG. 12

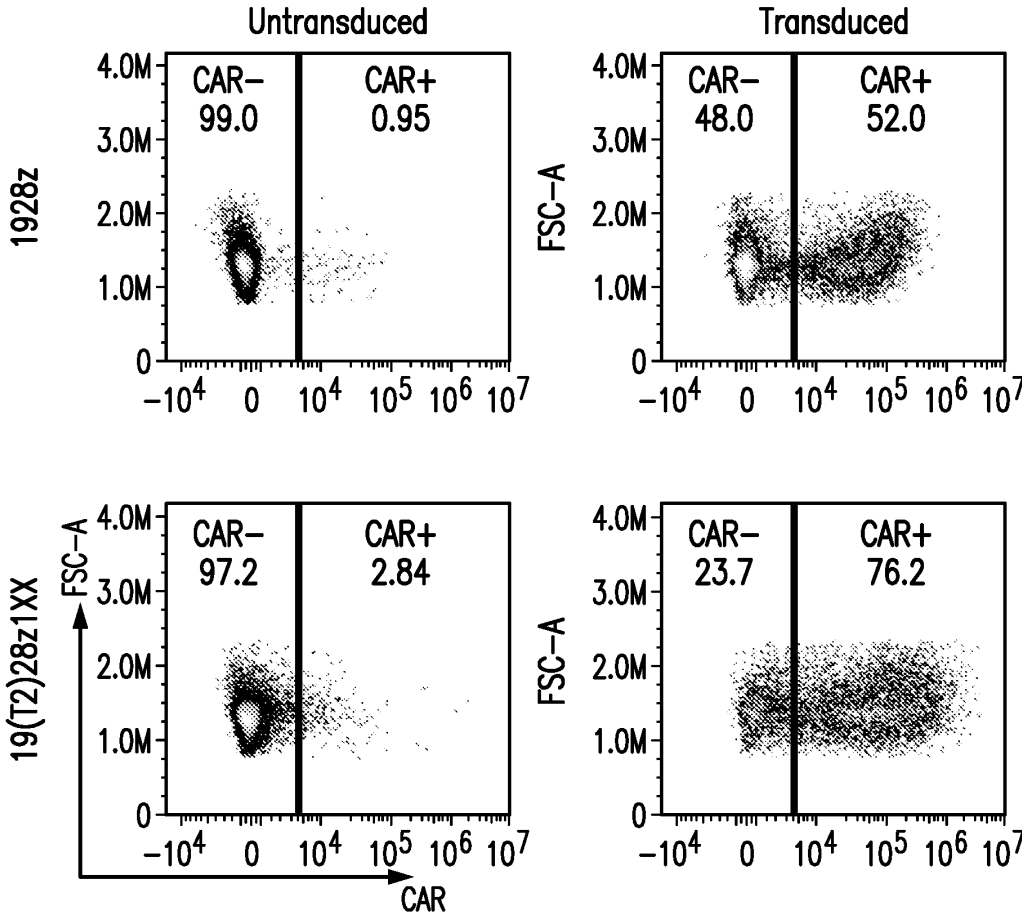


FIG. 13

14/28

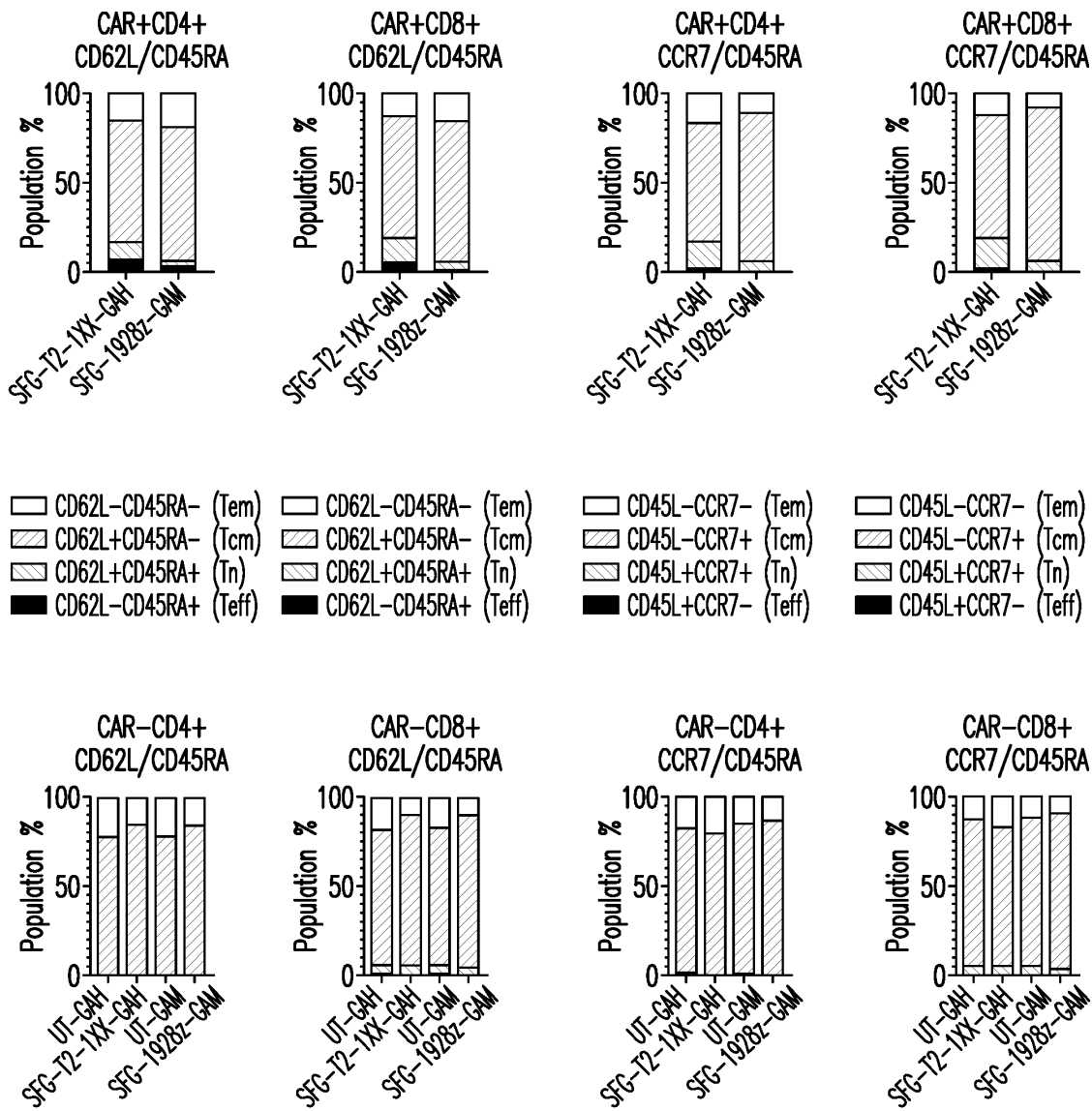


FIG. 14

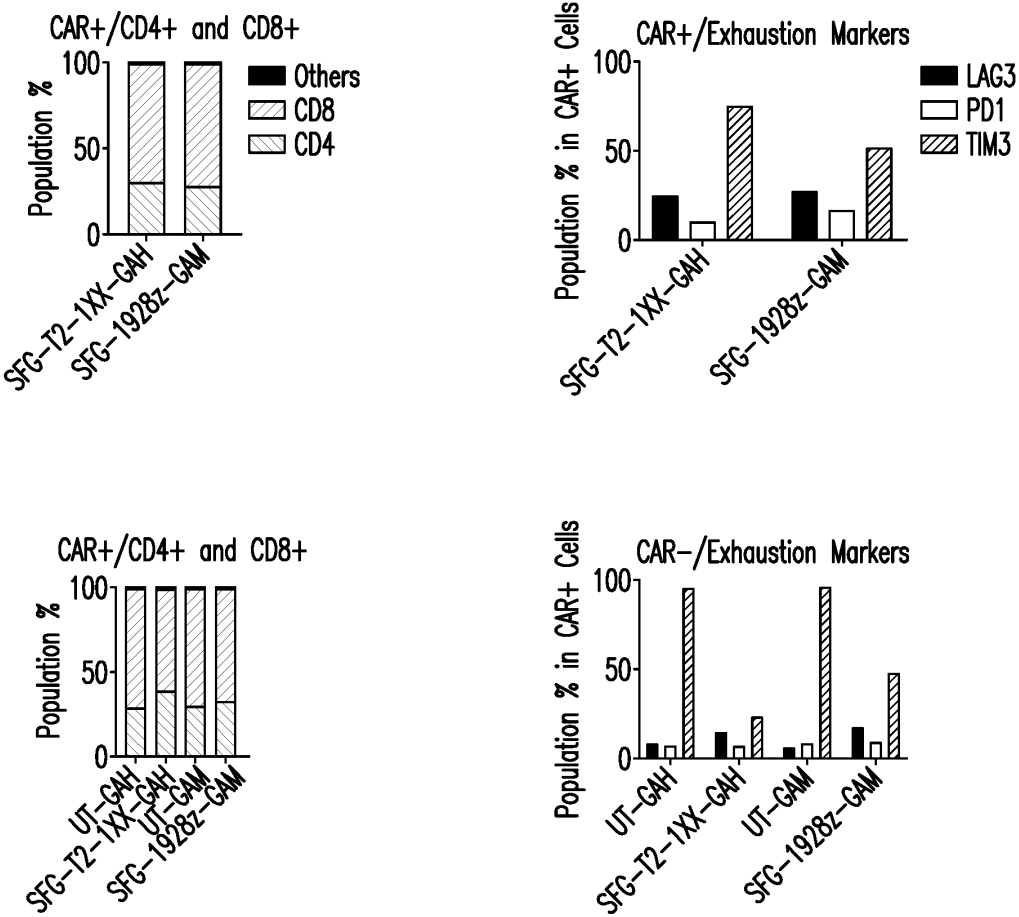


FIG. 14 Continued

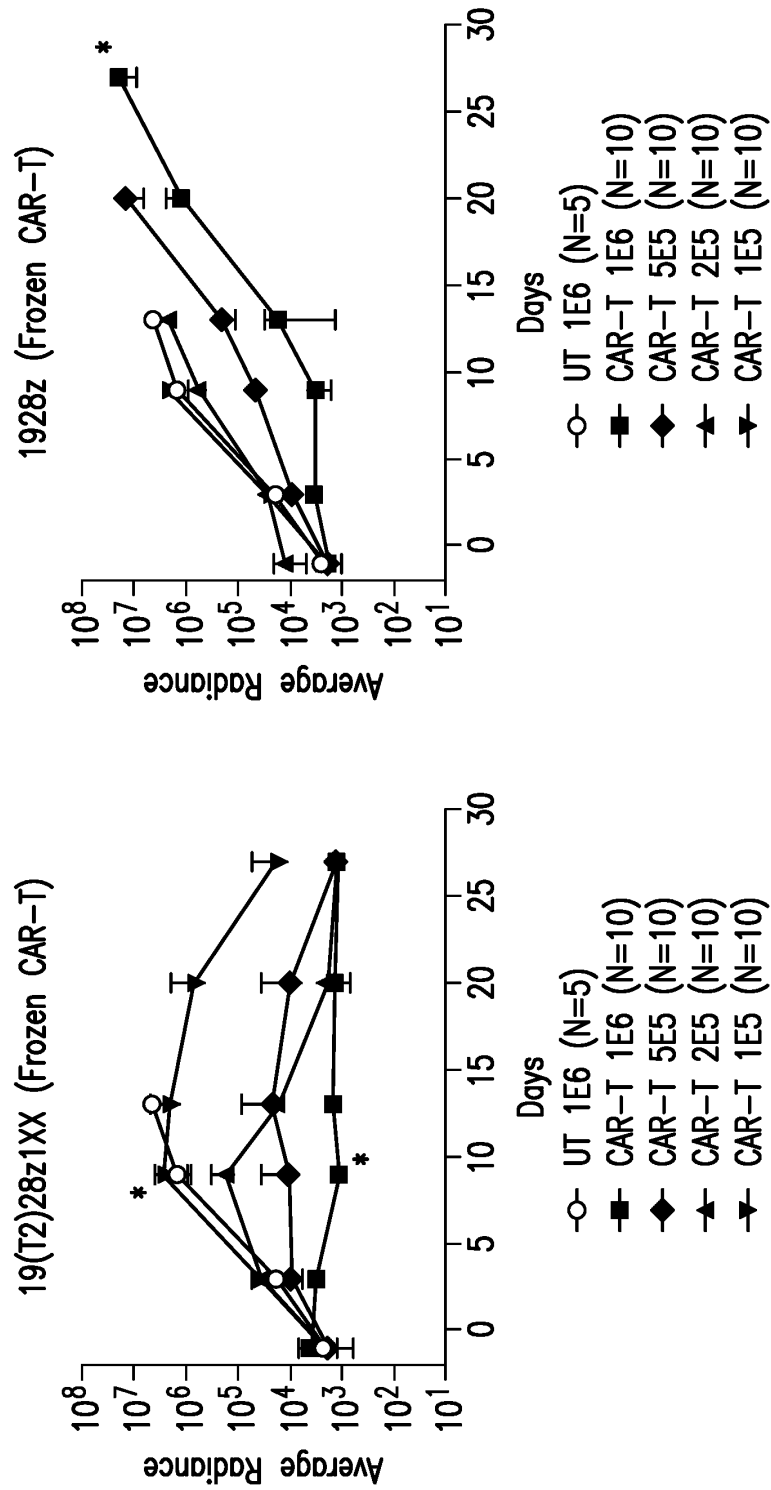


FIG. 15

17/28

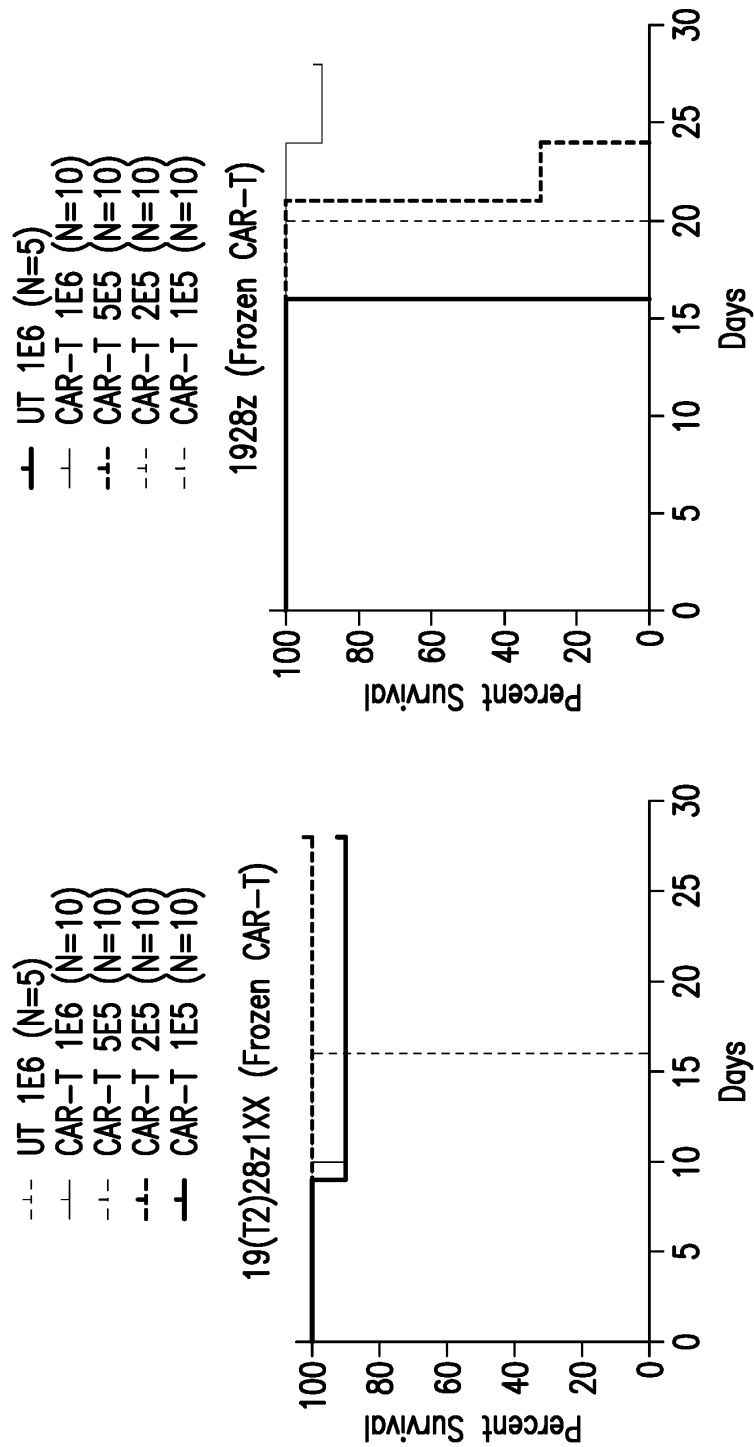


FIG. 16

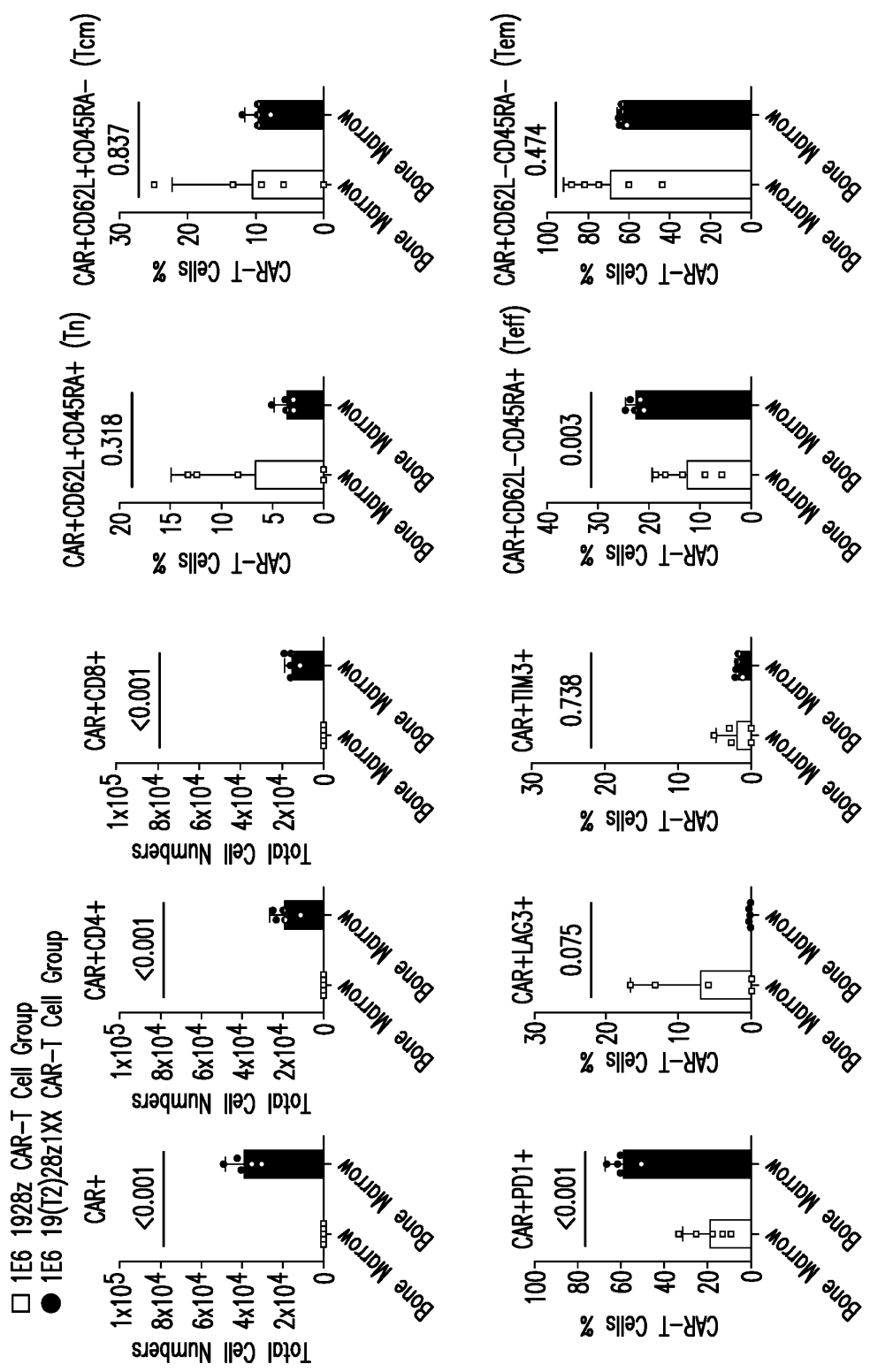


FIG. 17

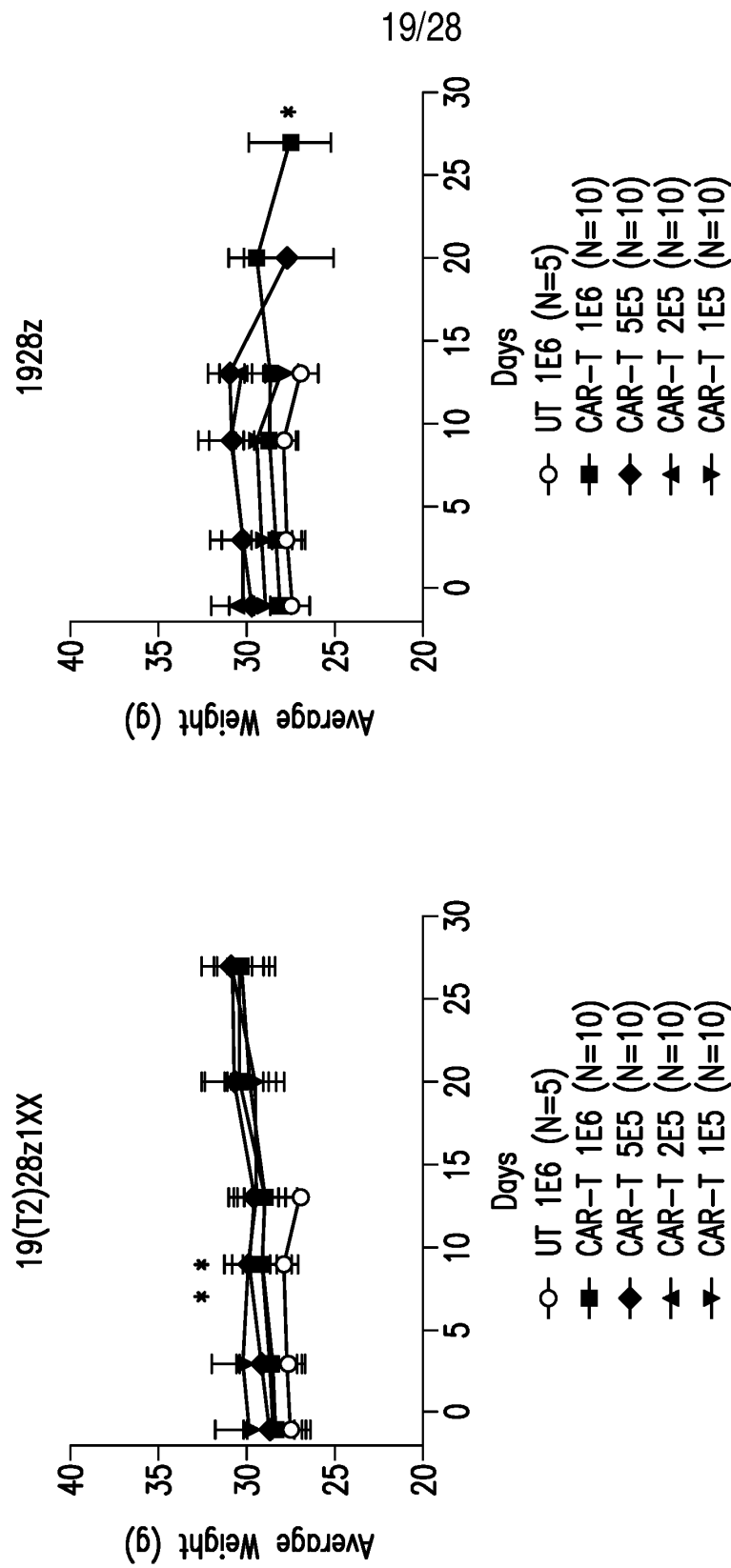


FIG. 18

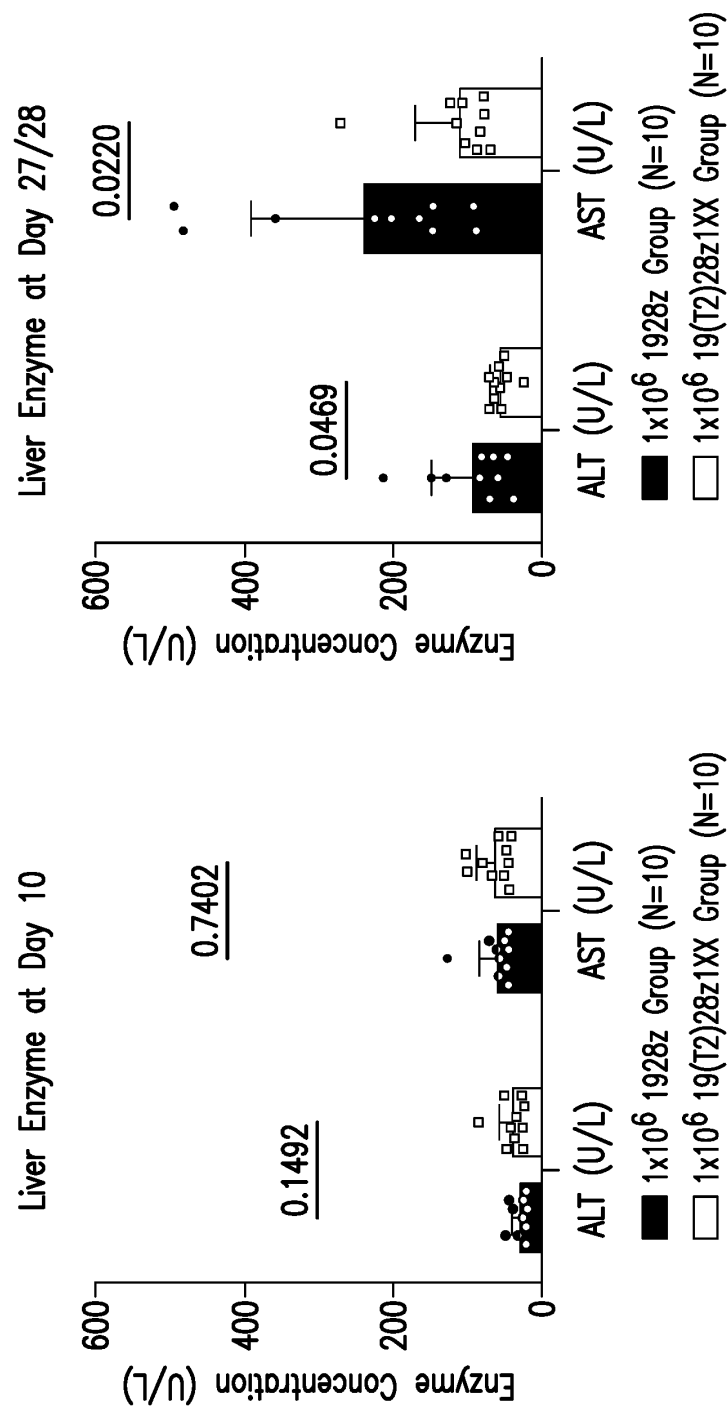


FIG. 19

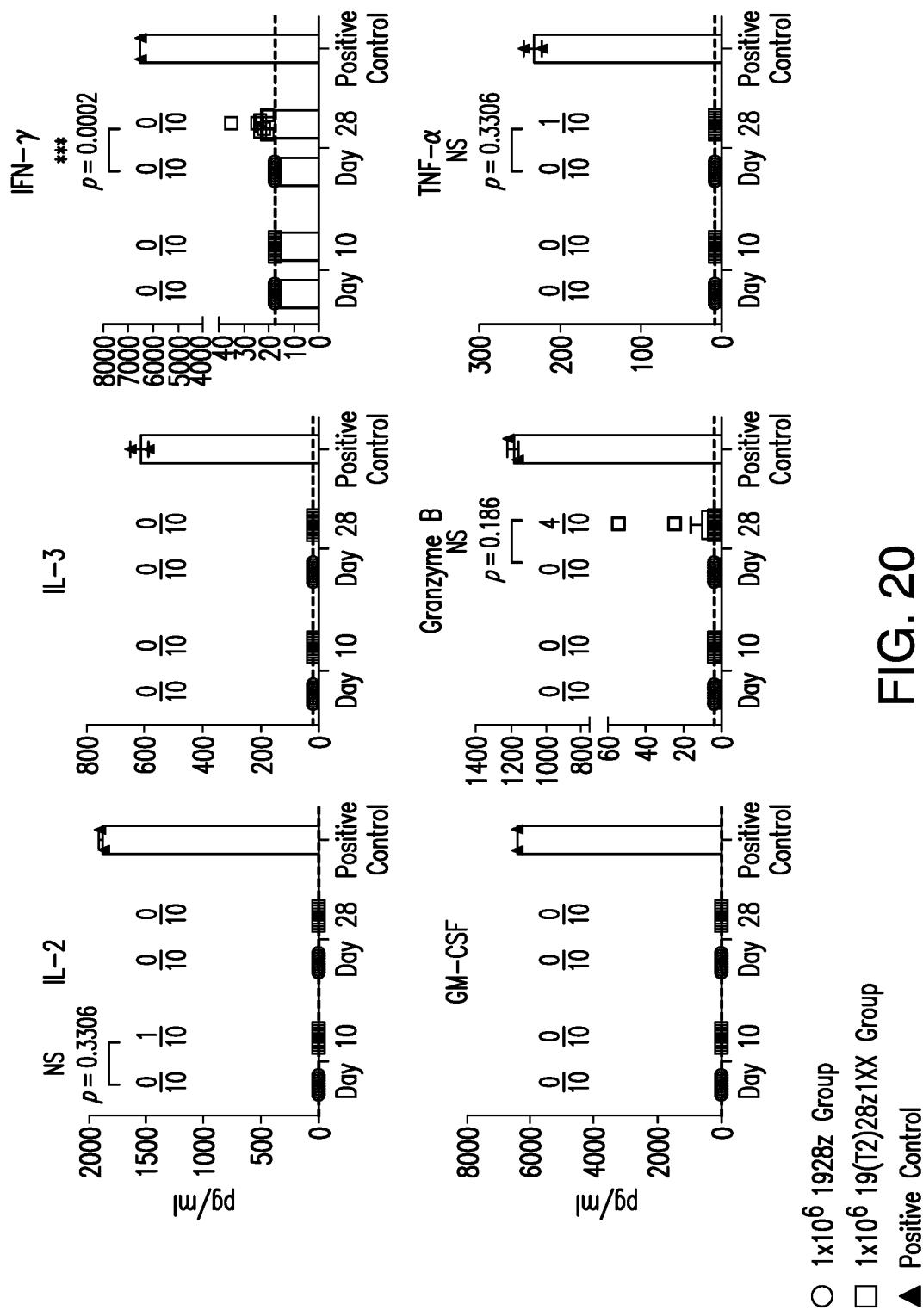


FIG. 20

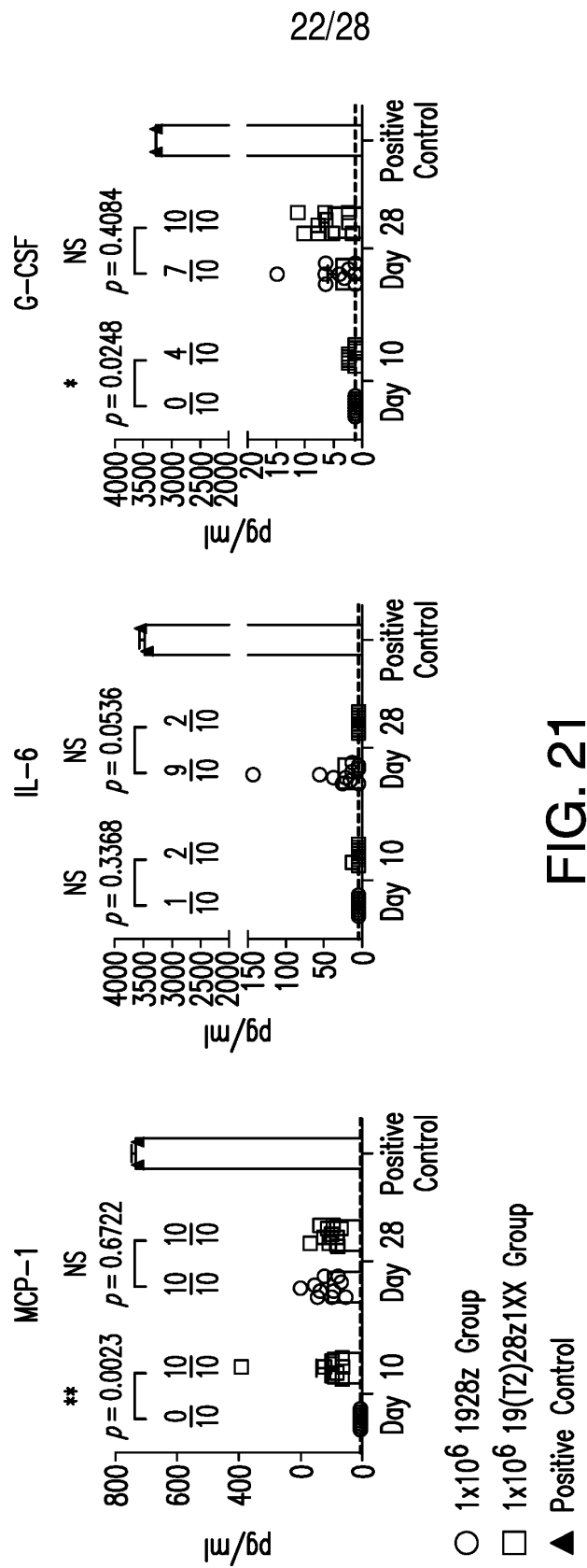


FIG. 21

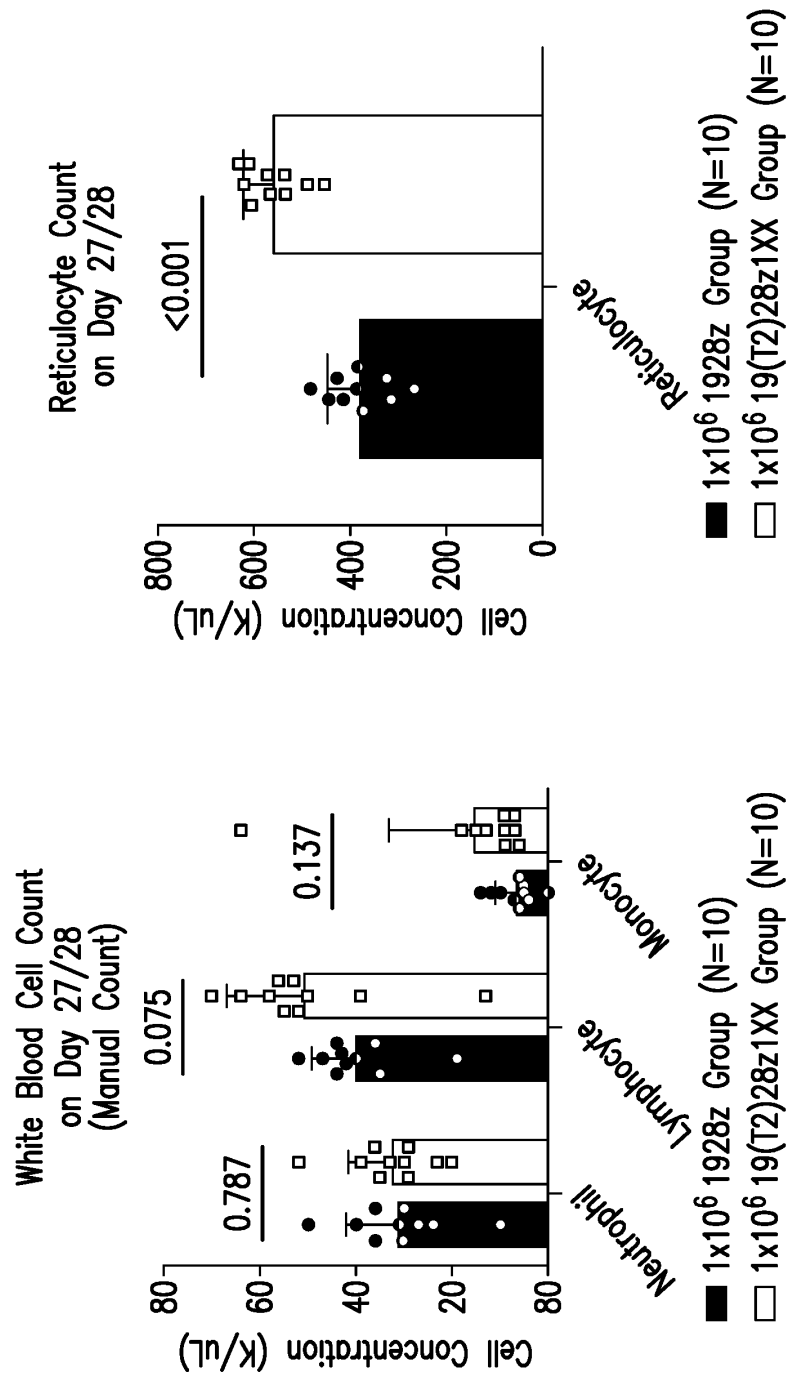


FIG. 22

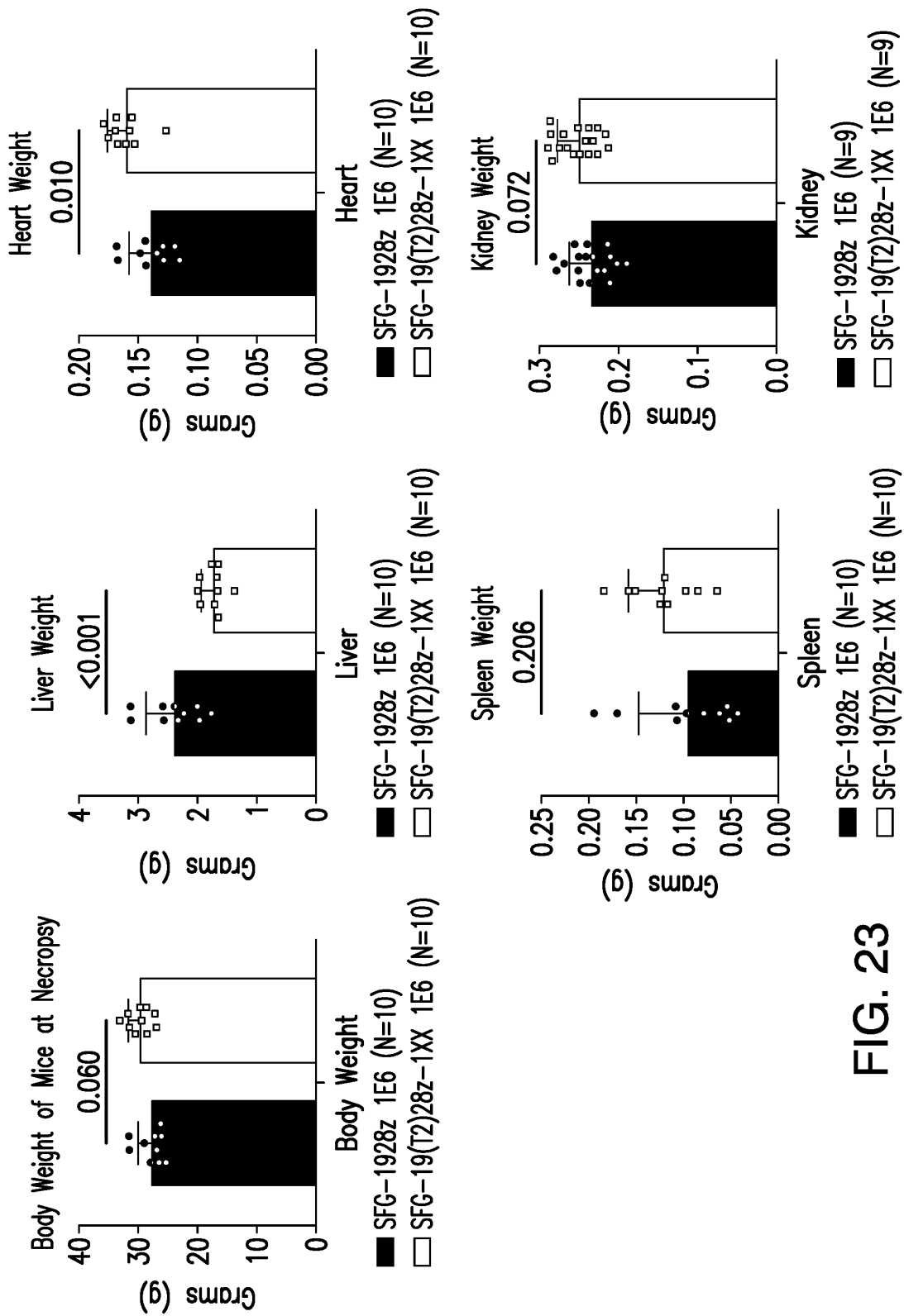


FIG. 23

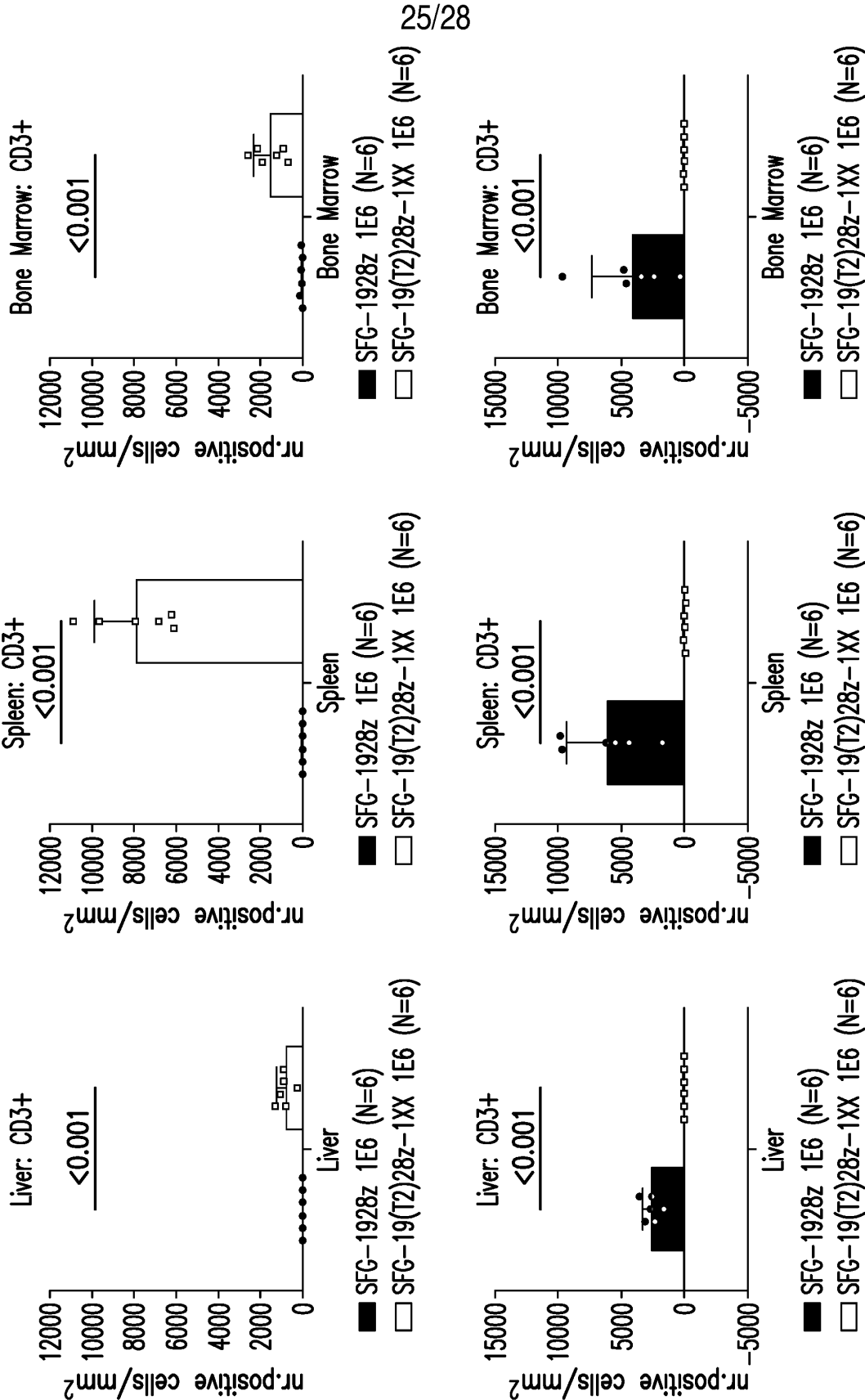


FIG. 24

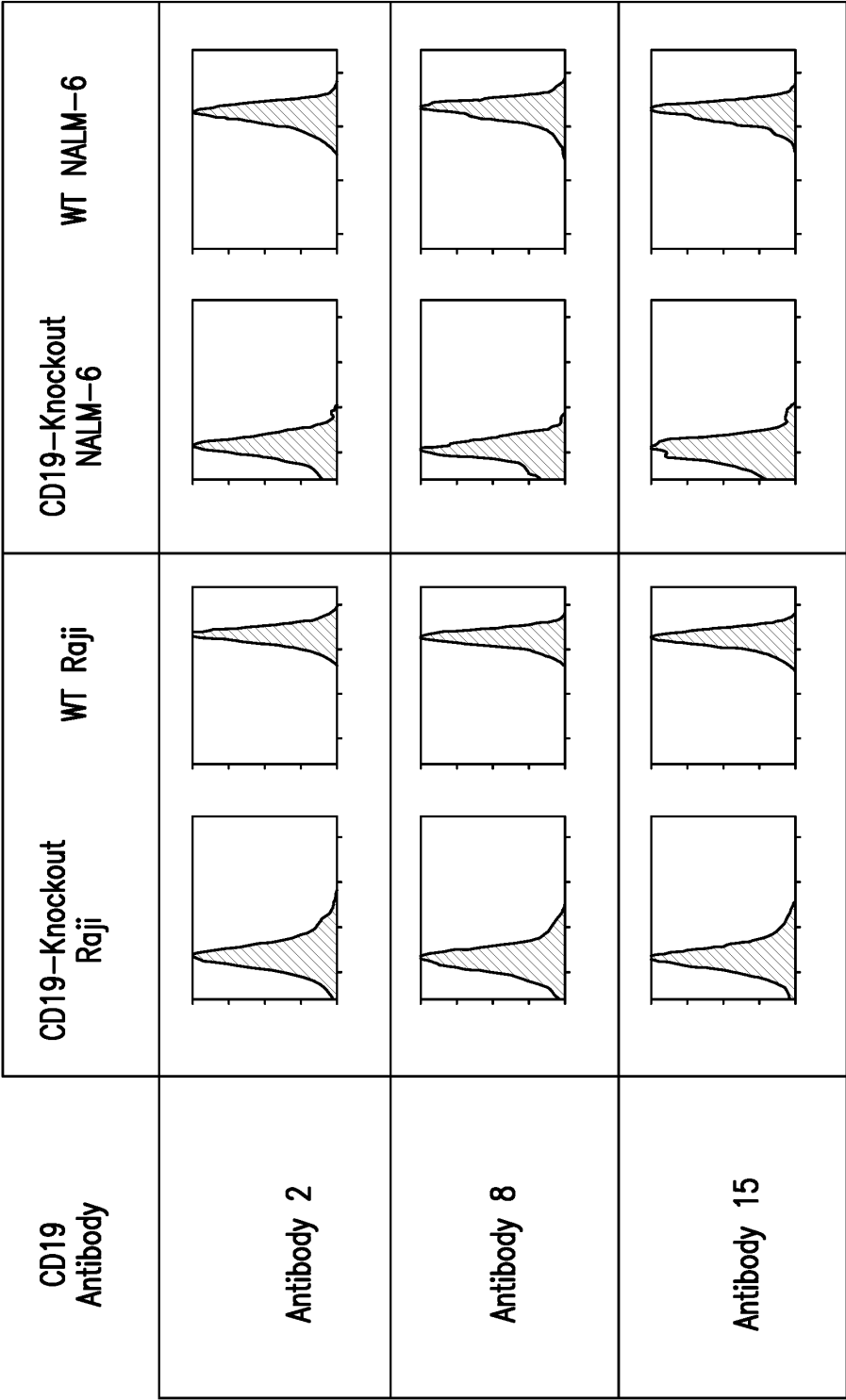


FIG. 25

27/28

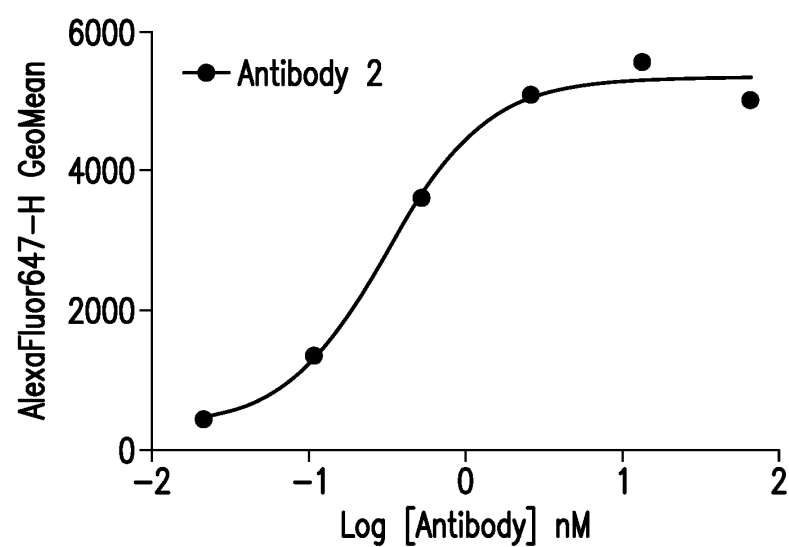


FIG. 26A

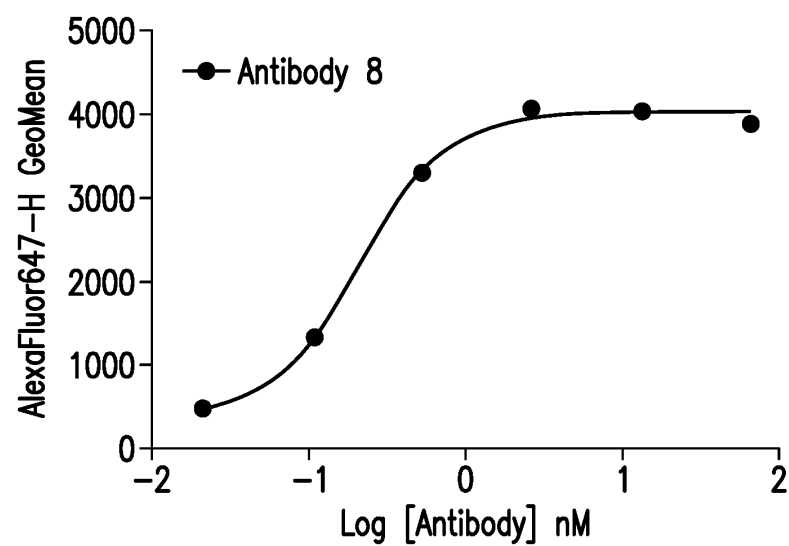


FIG. 26B

28/28

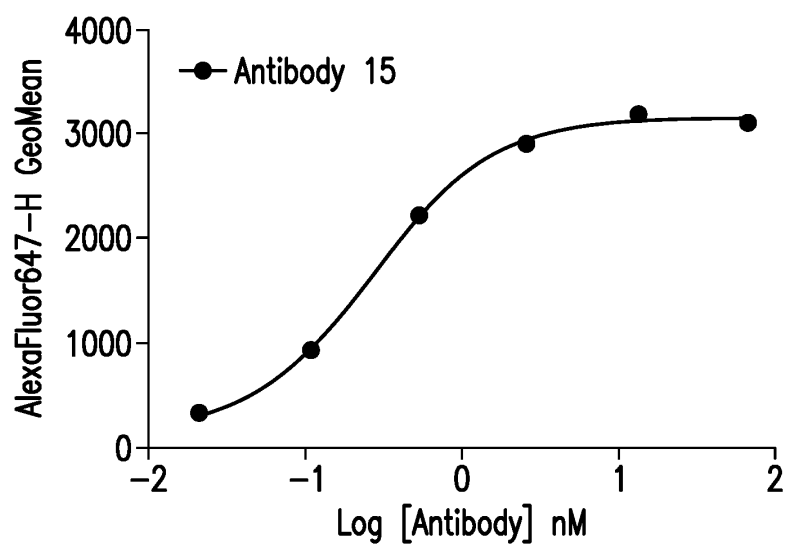


FIG. 26C