

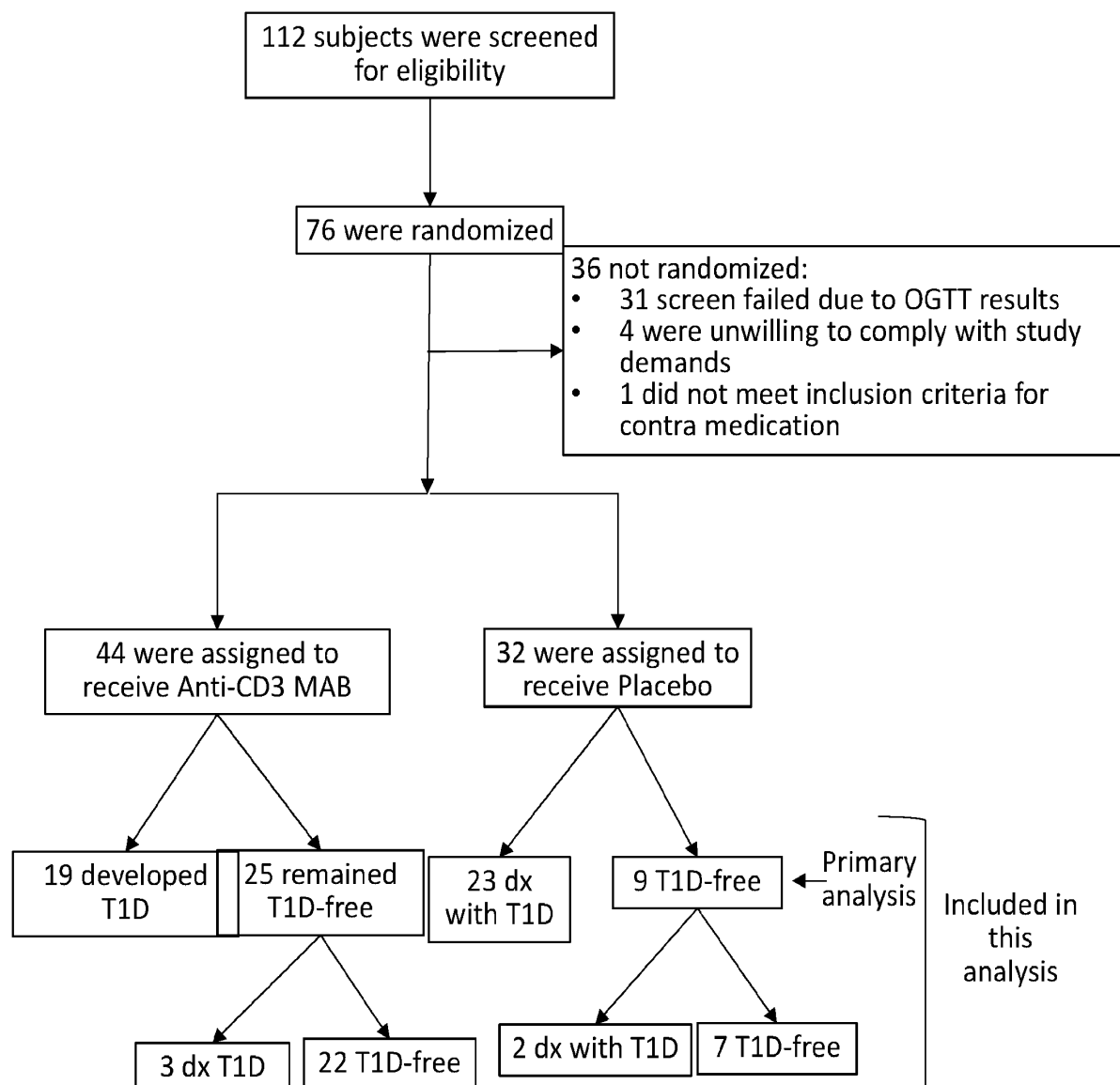
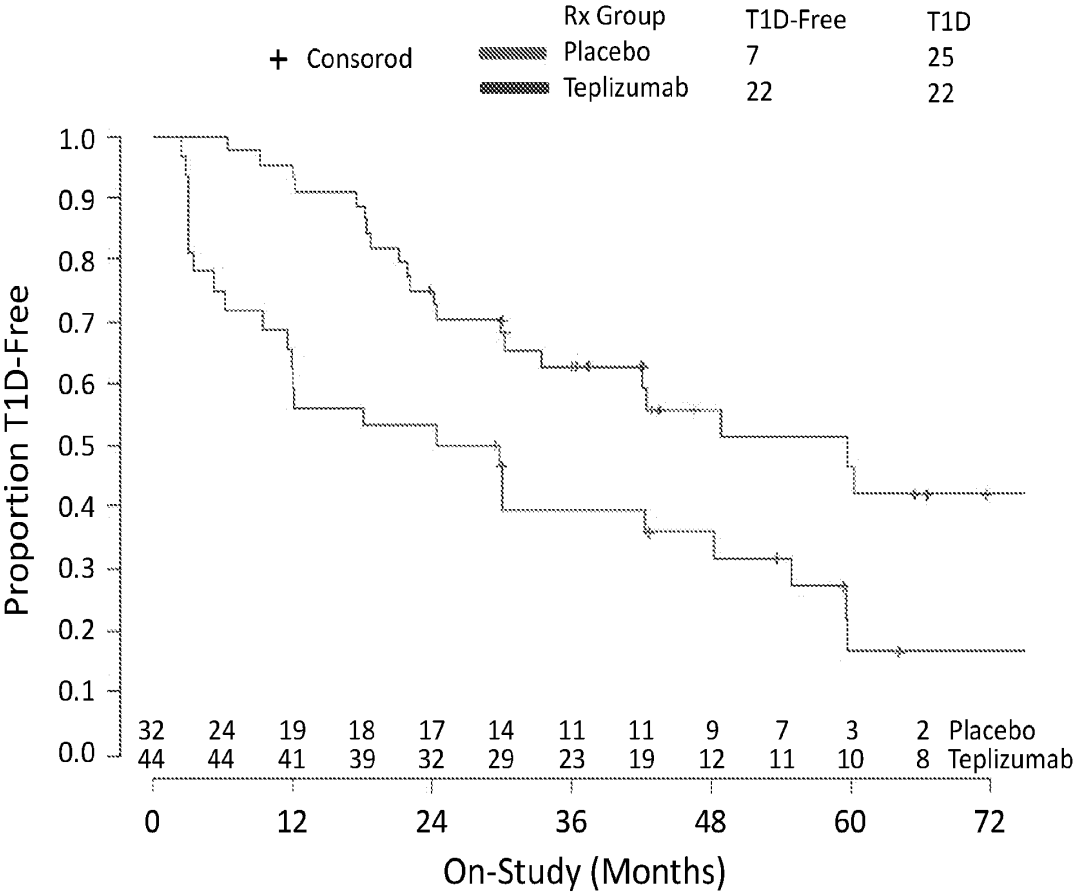
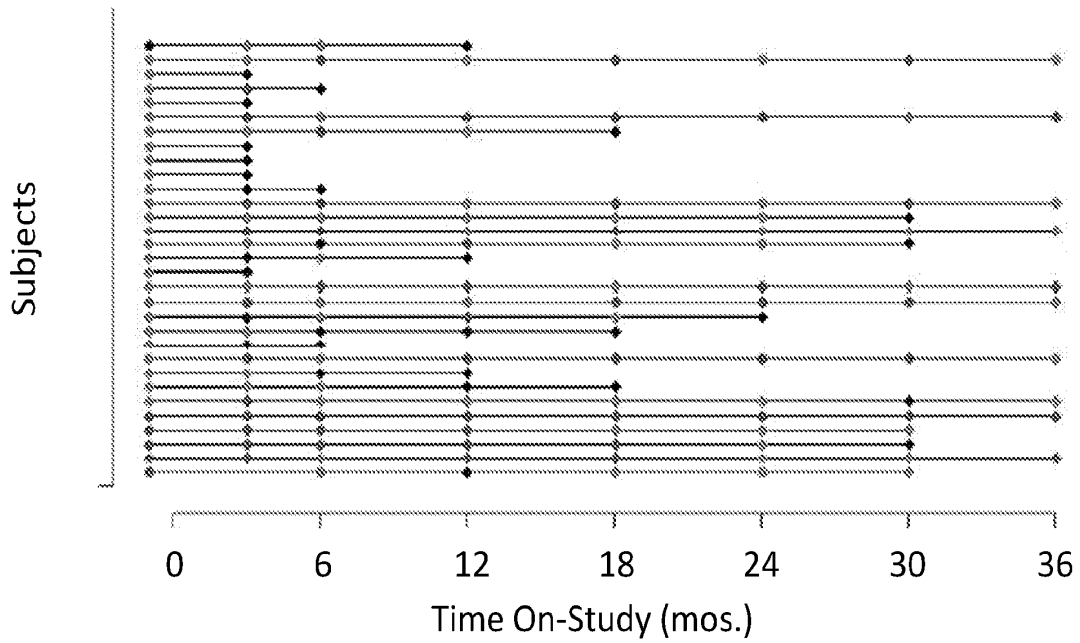


Figure 1A

Figure 1B



A. Placebo treated participants



B. Teplizumab treated participants

Figure 2B

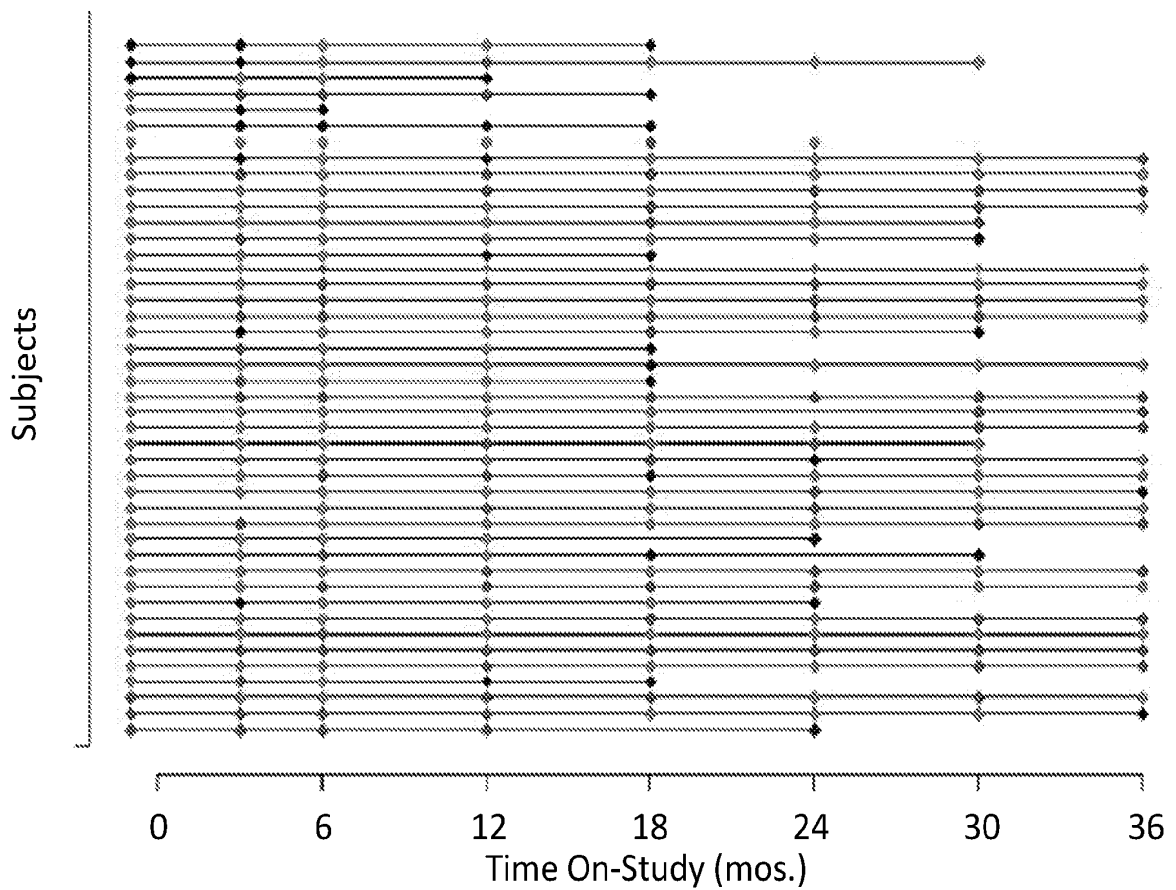


Figure 3A

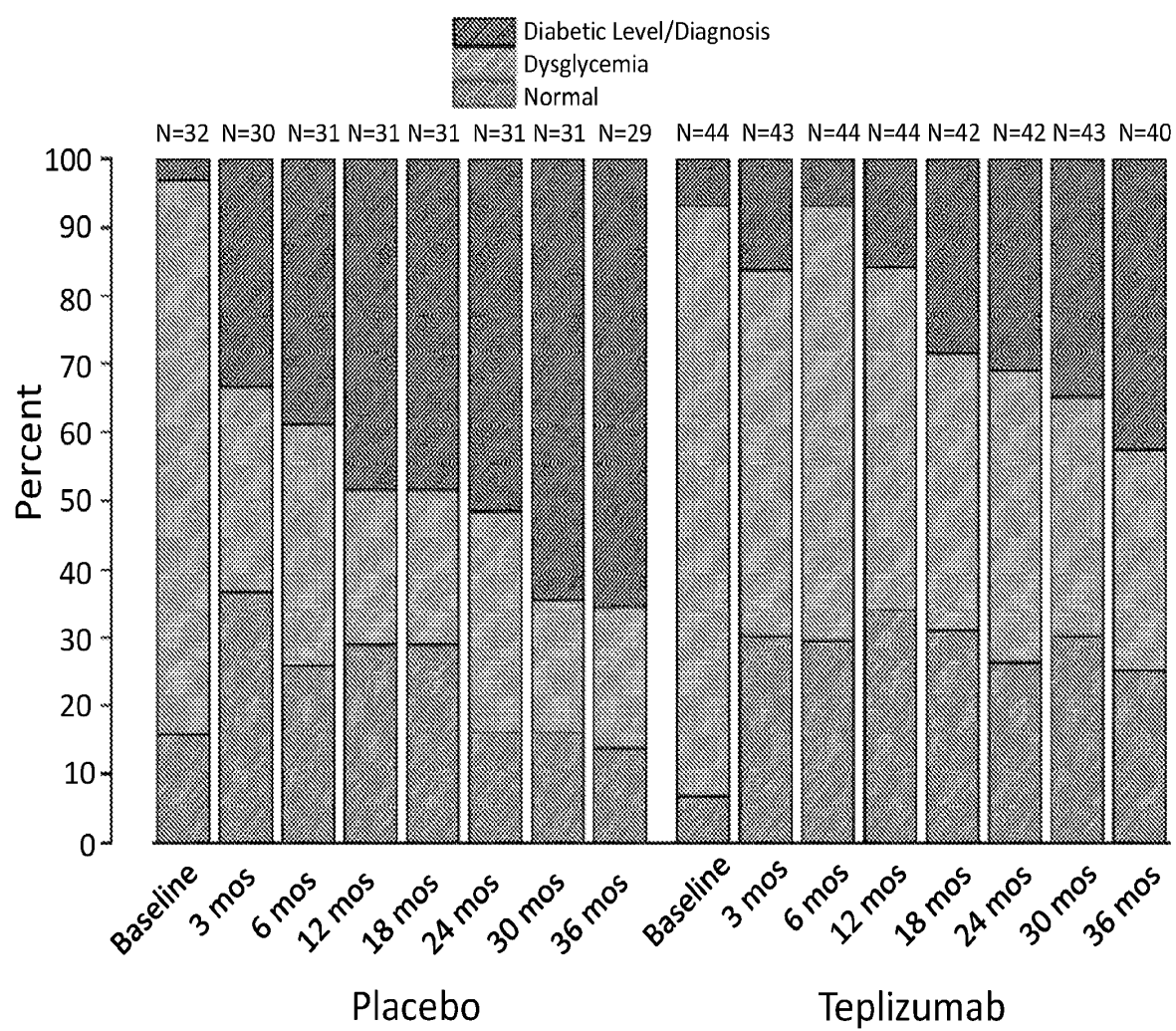


Figure 3B

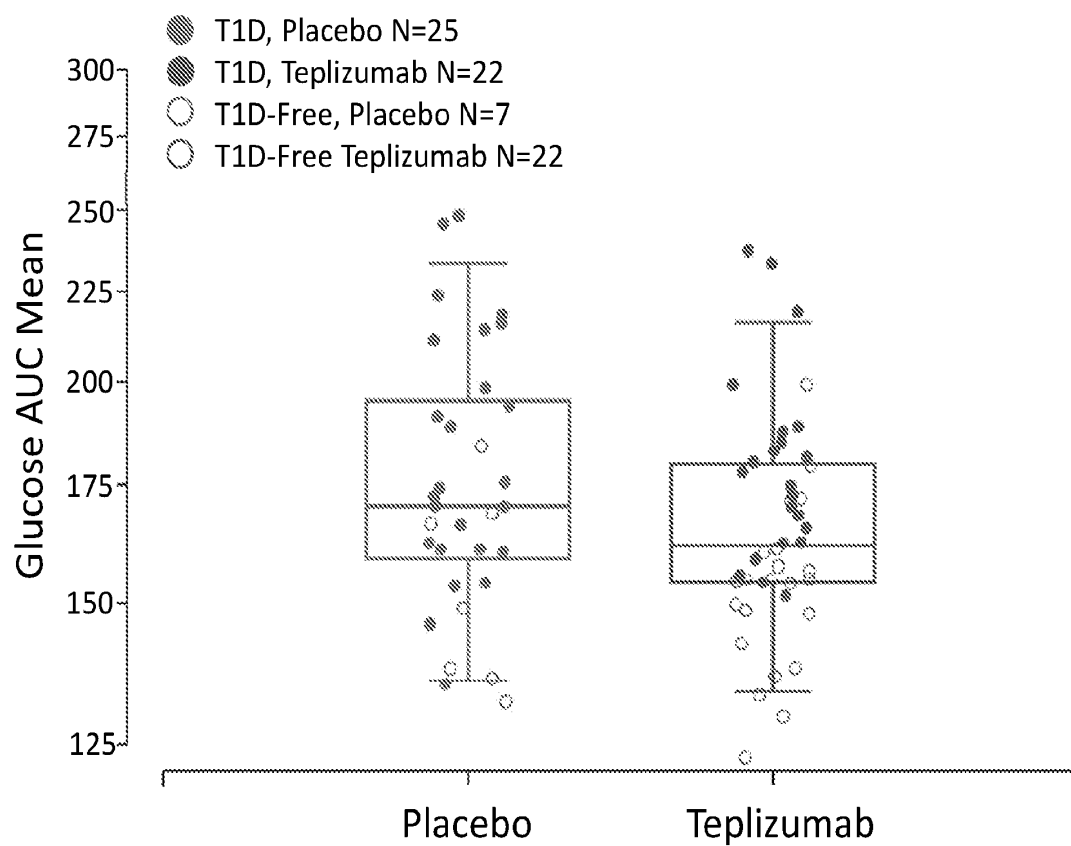


Figure 4

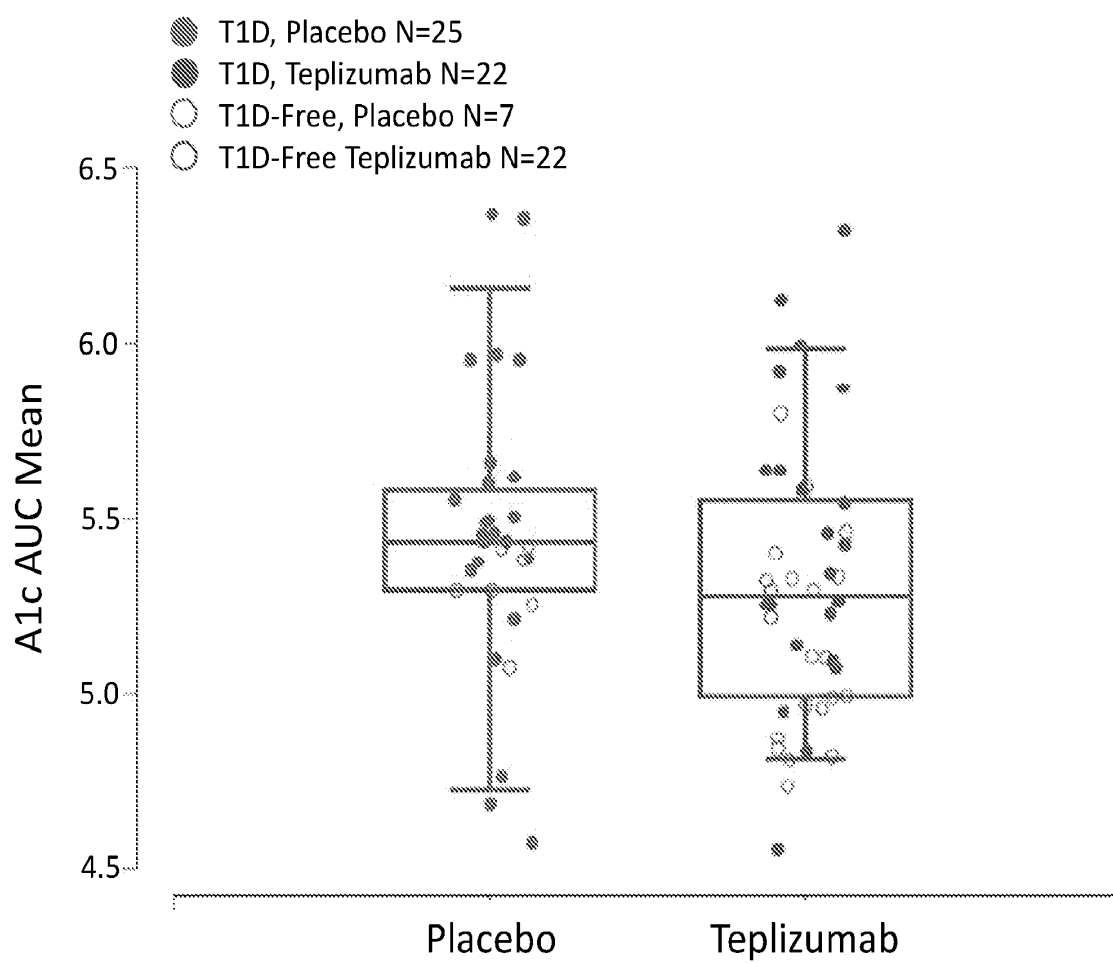


Figure 5

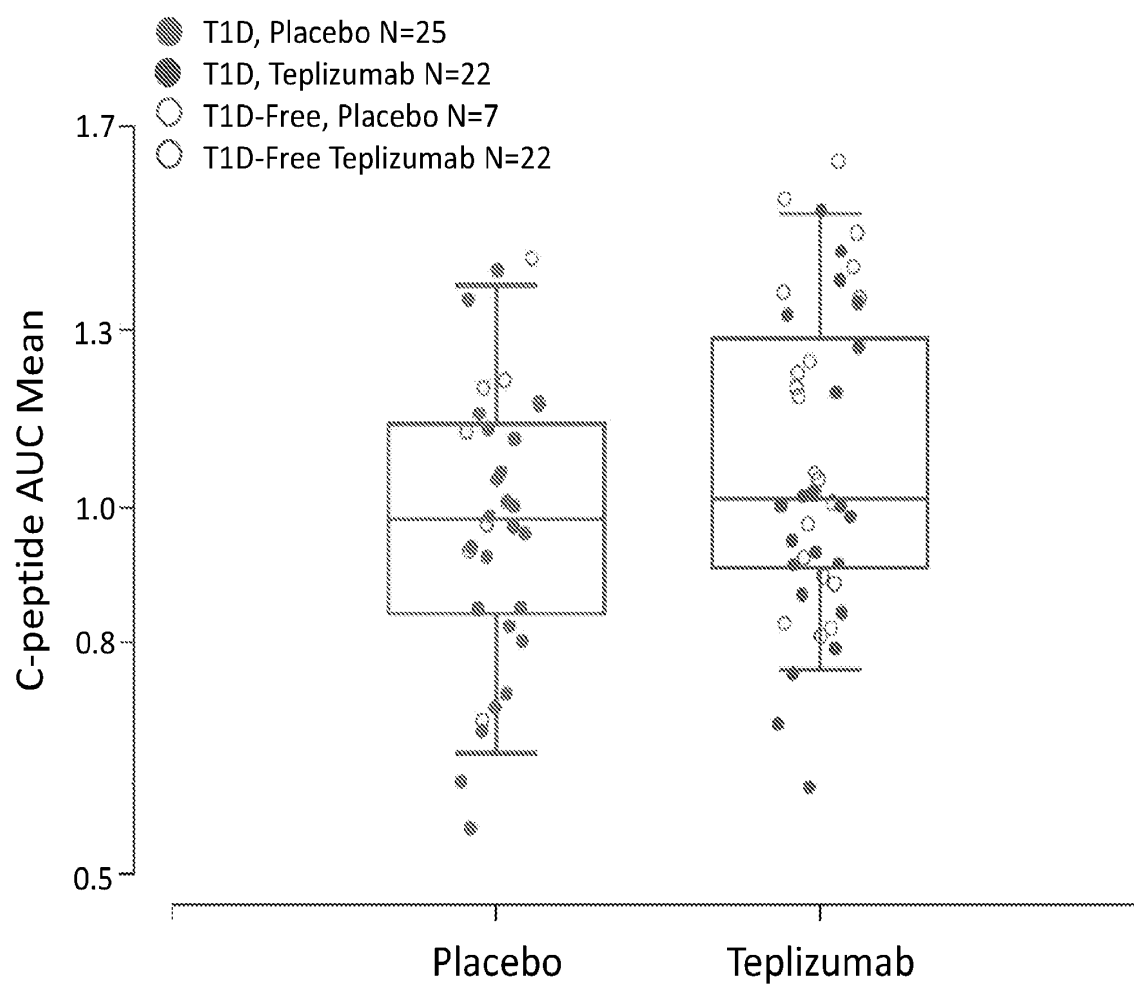


Figure 6

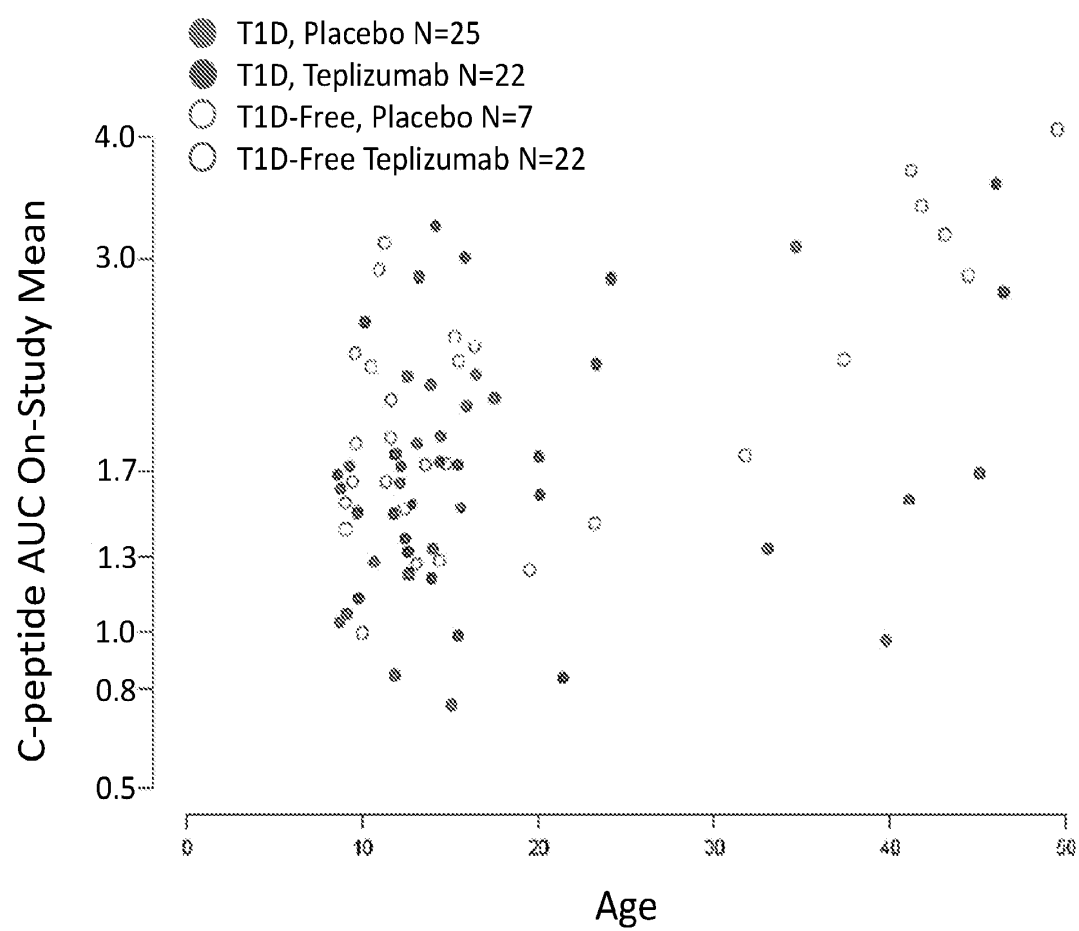
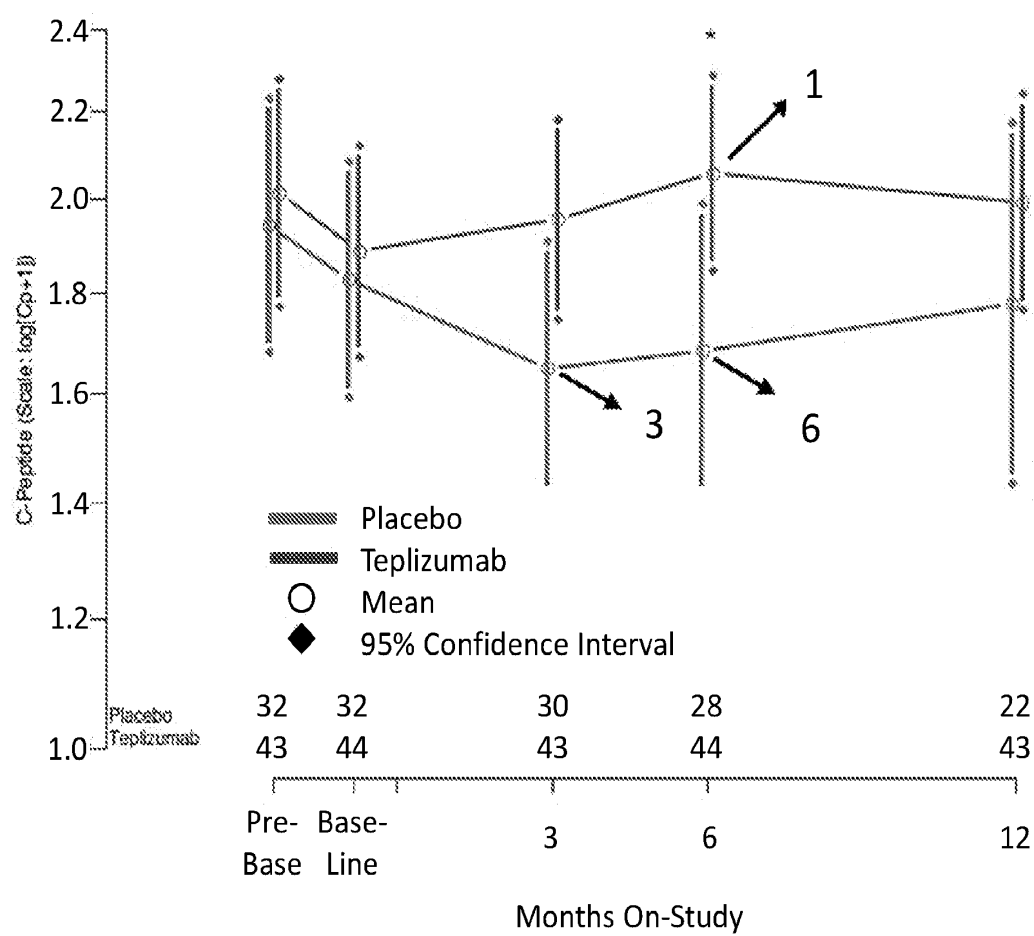


Figure 7



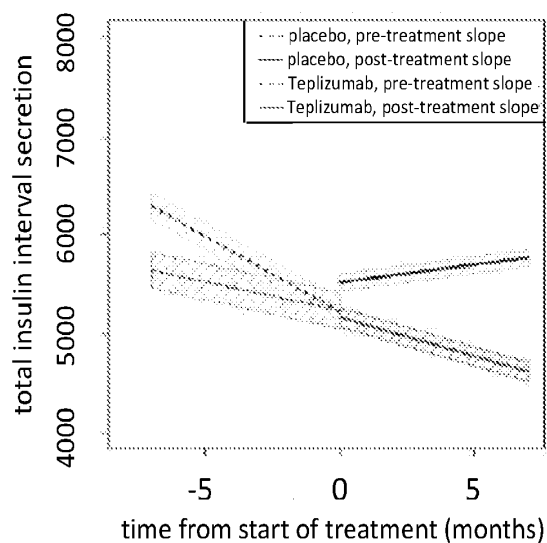
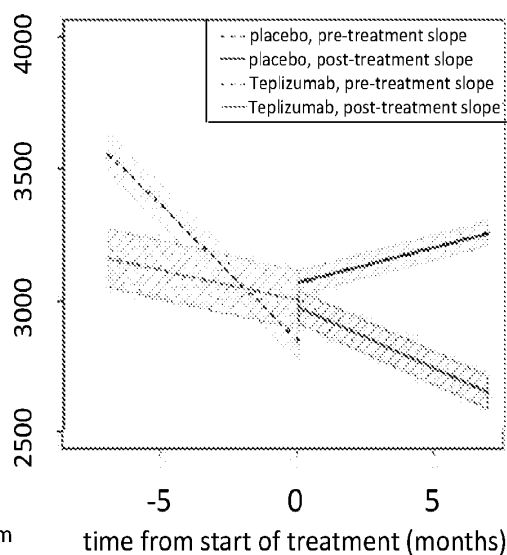


Figure 8A-8C

B. Estimated slopes by time period and treatment arm
 for first hour insulin interval secretion



C. Estimated slopes by time period and treatment arm
 for second hour insulin interval secretion

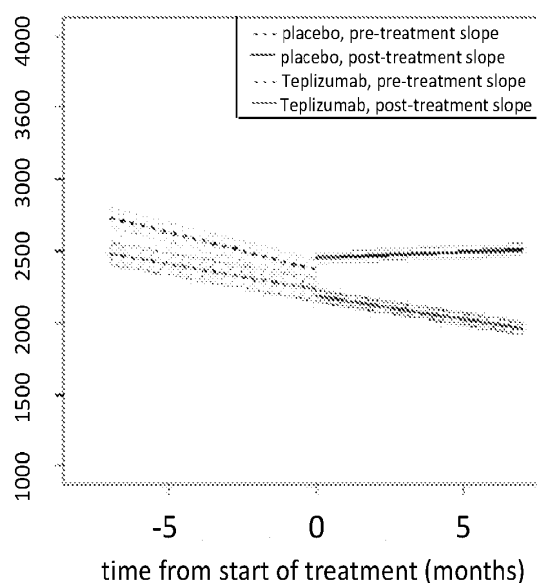


Figure 8D-8G

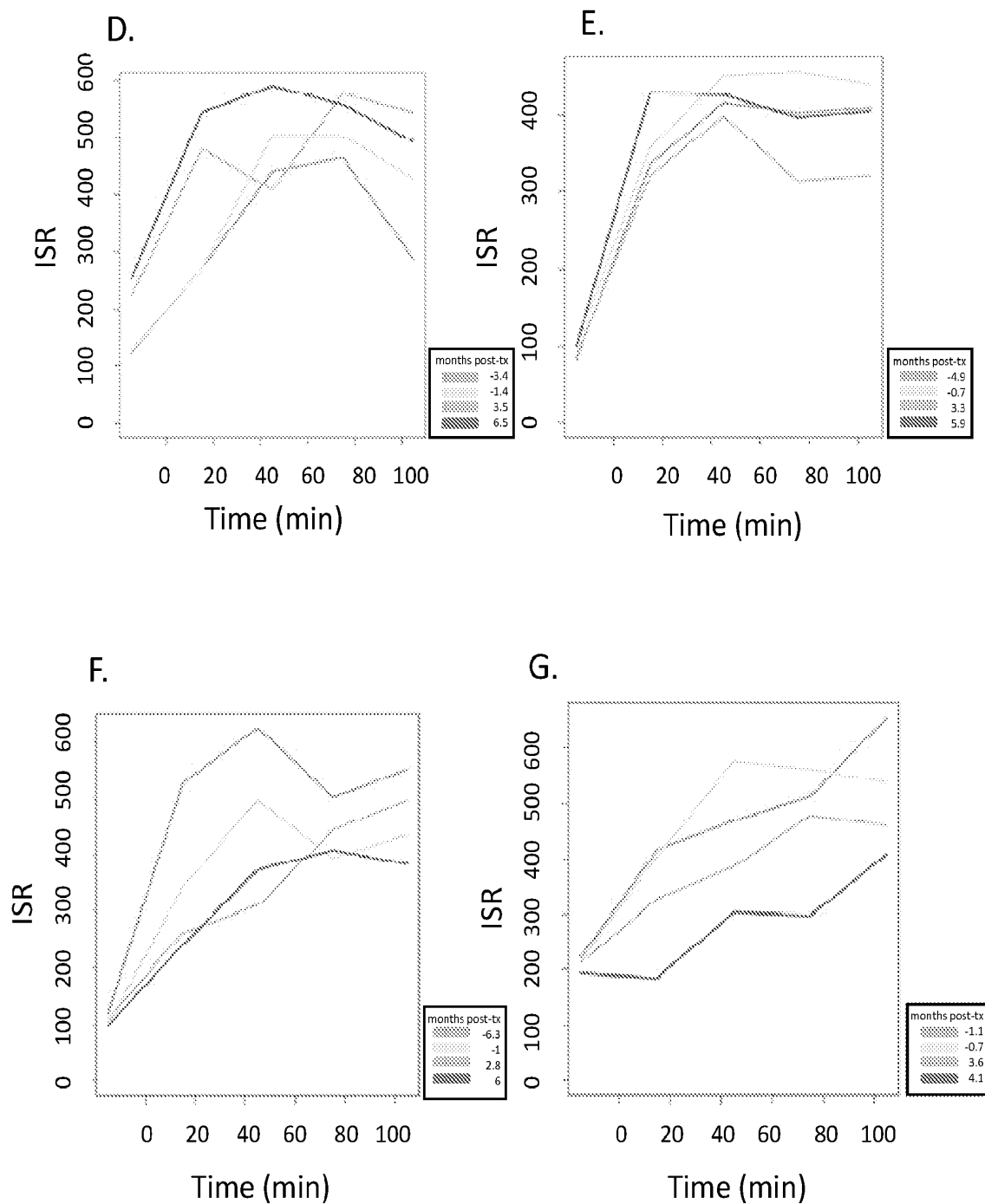


Figure 9A-9D

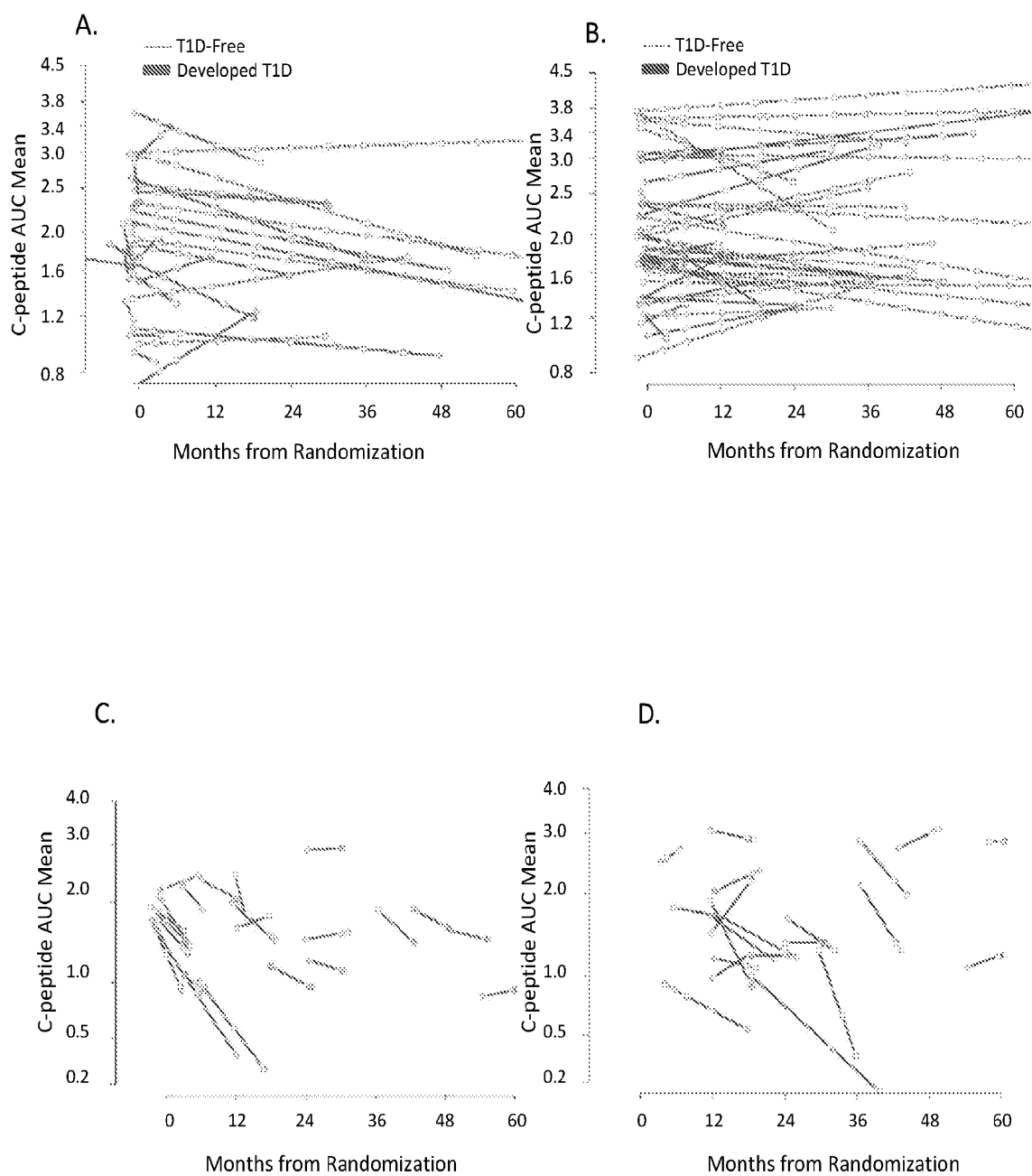


Figure 9E

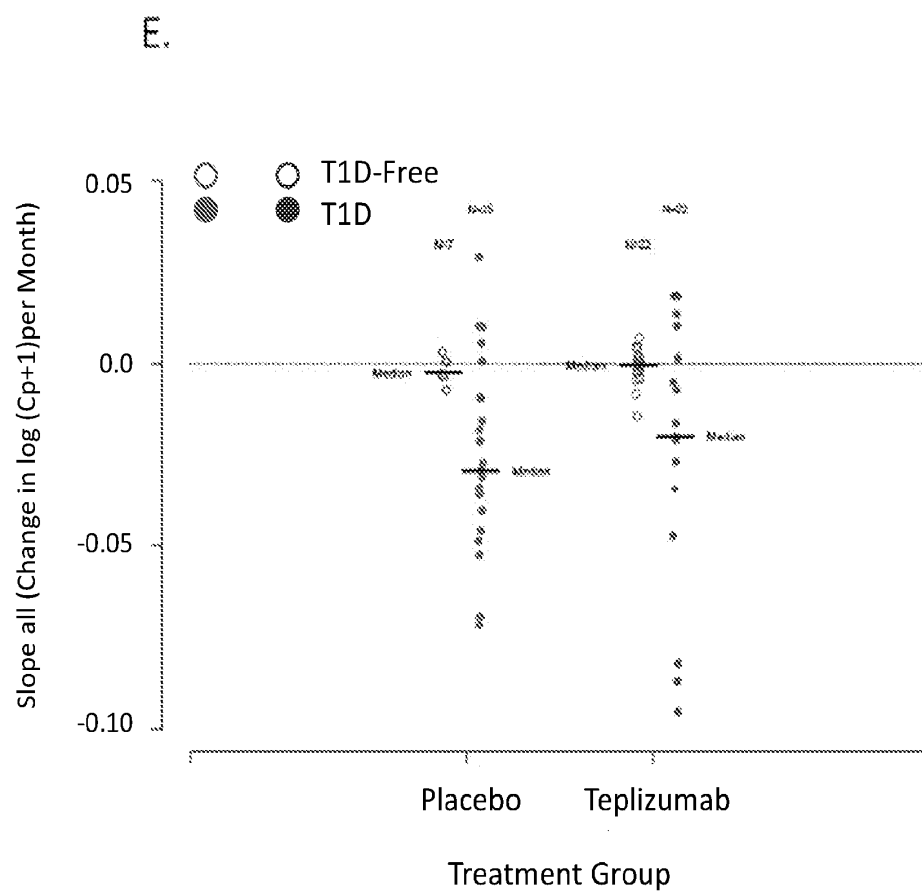


Figure 10A-B

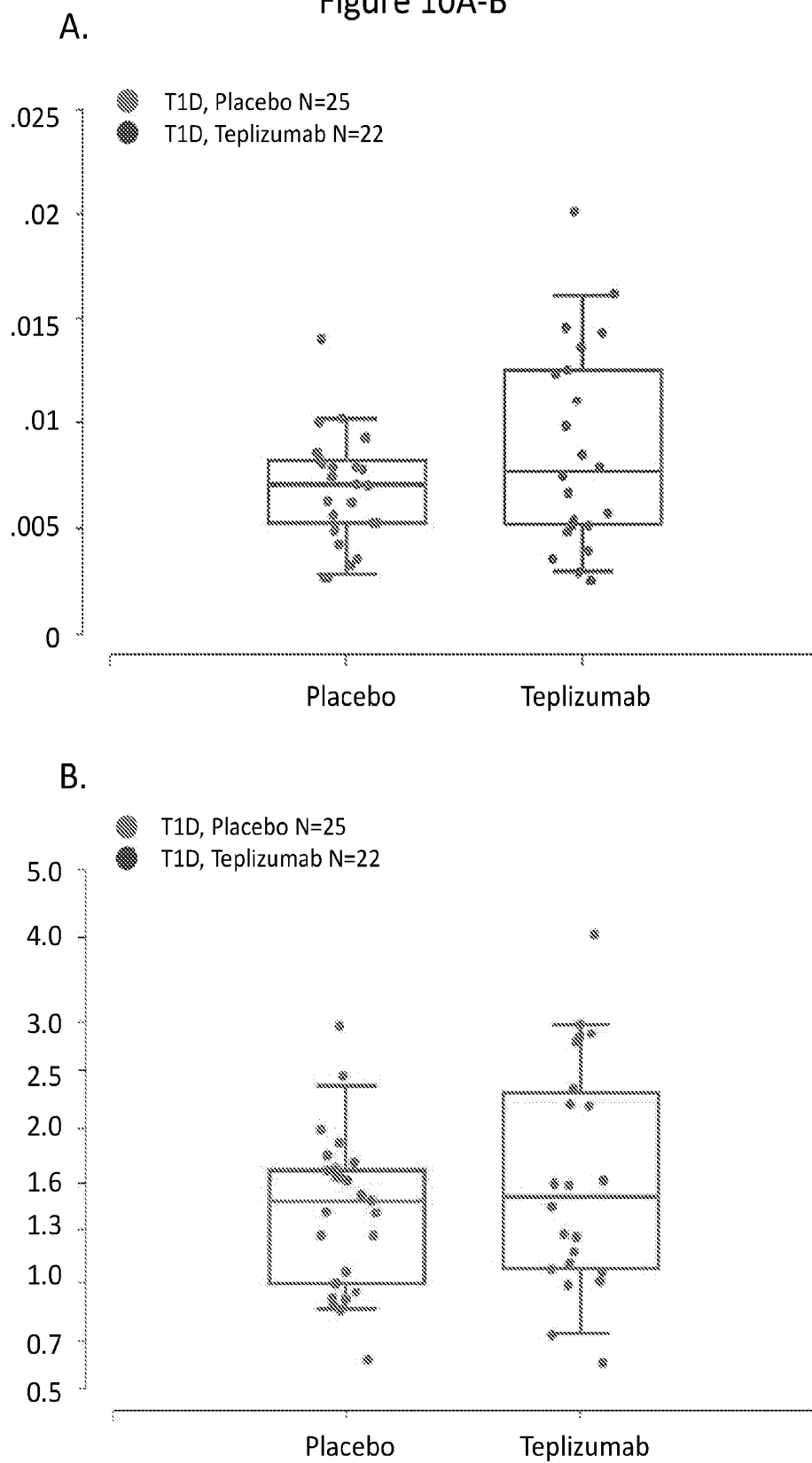
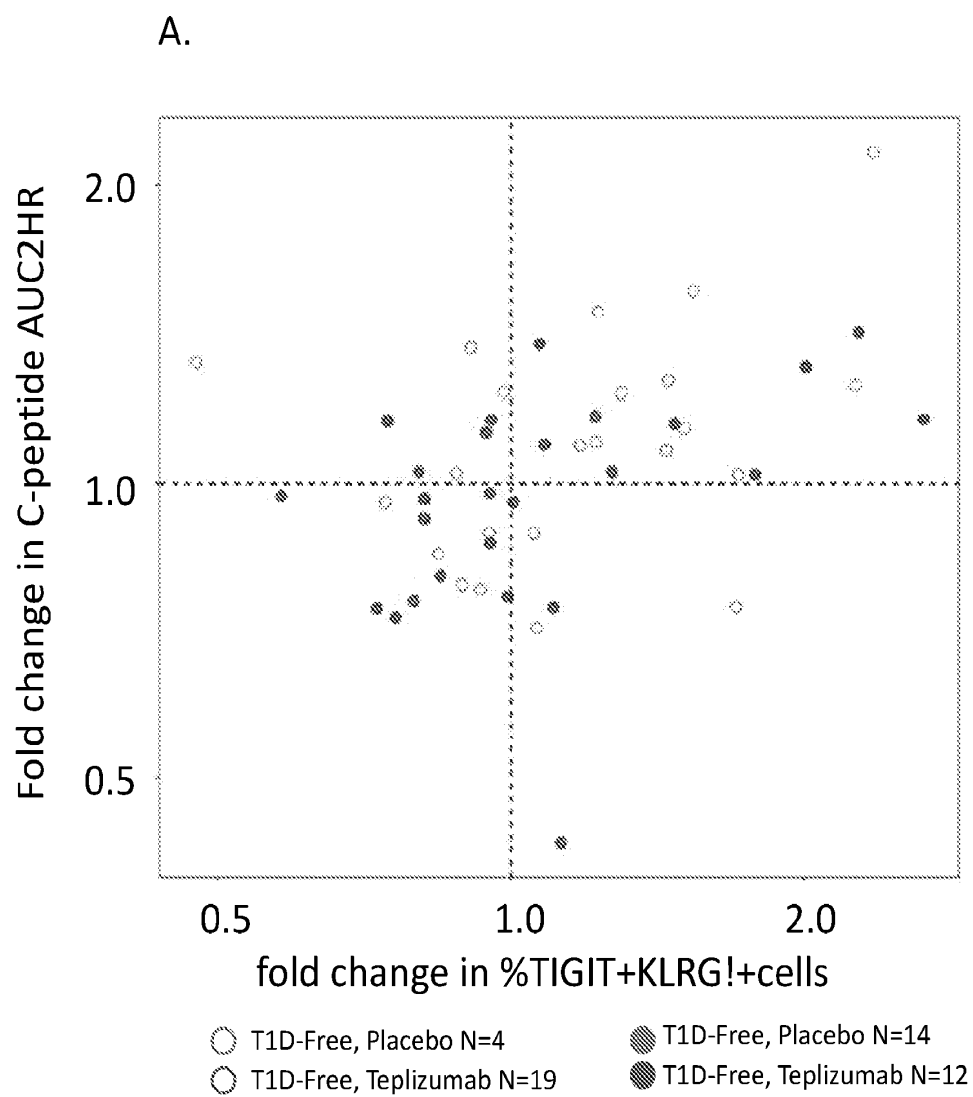


Figure 11A



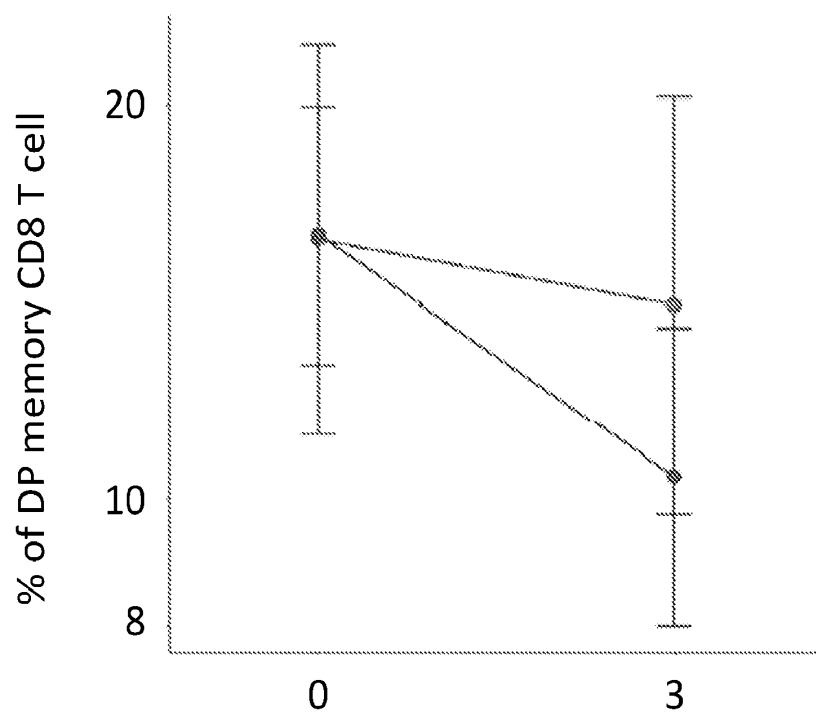
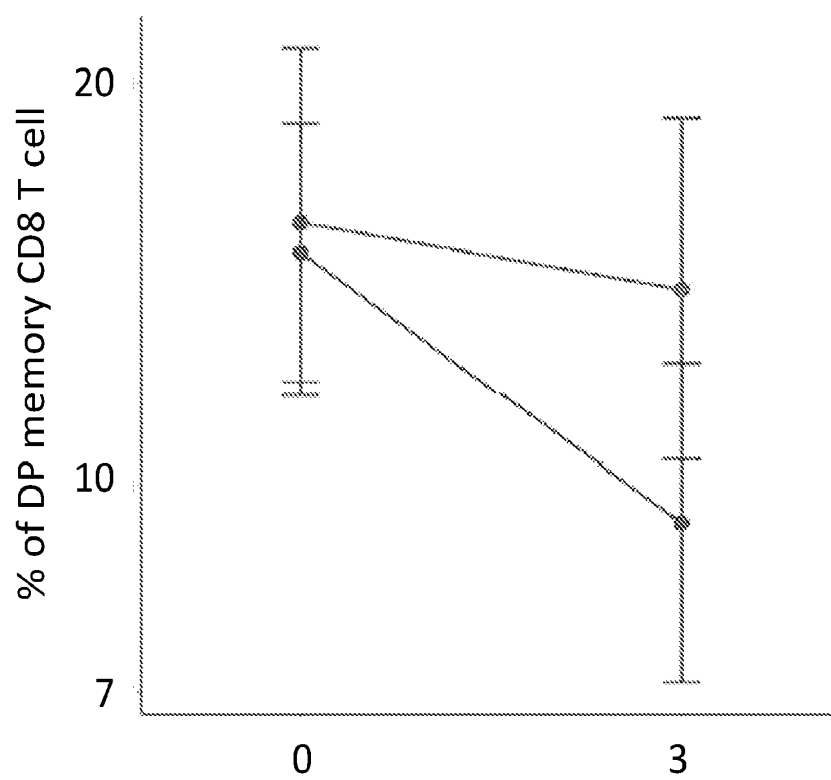
B. IFN γ **C. TNF α**

Figure 11



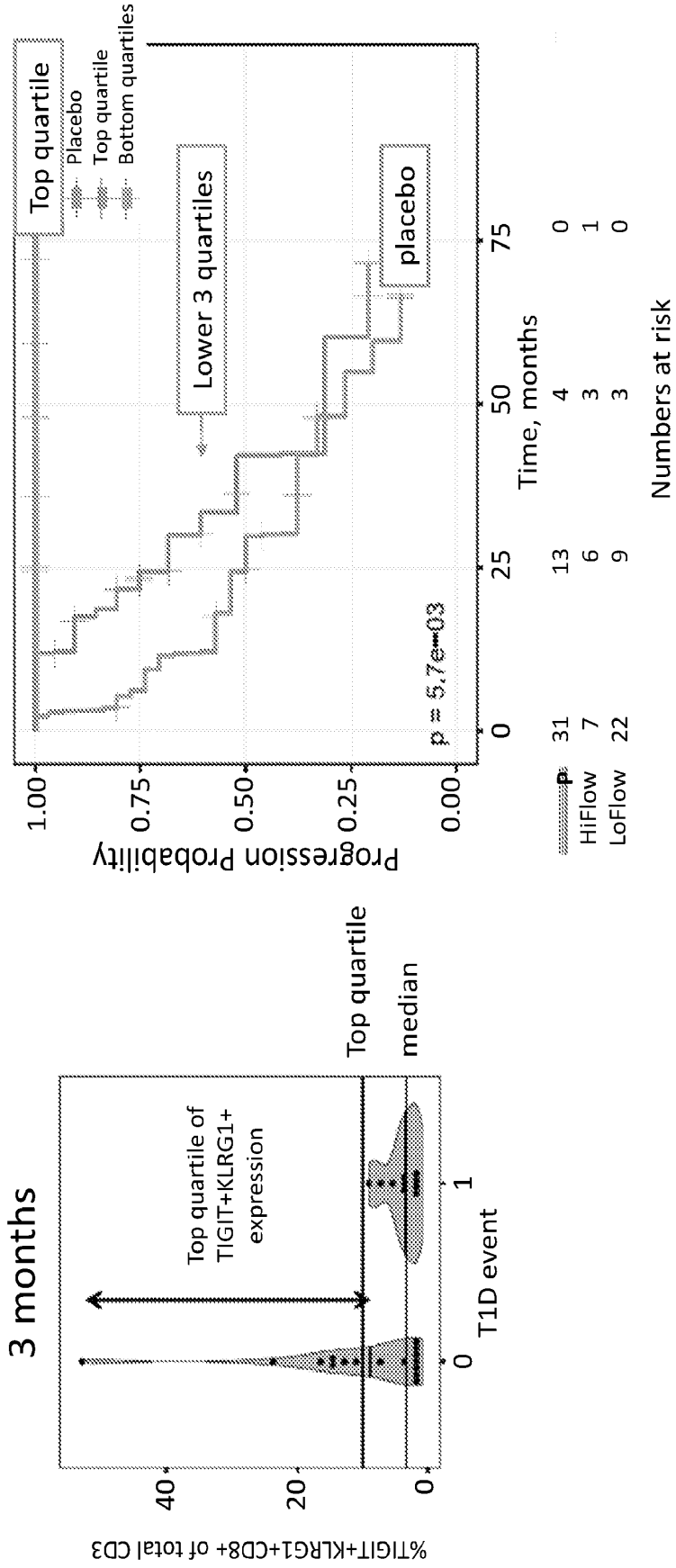
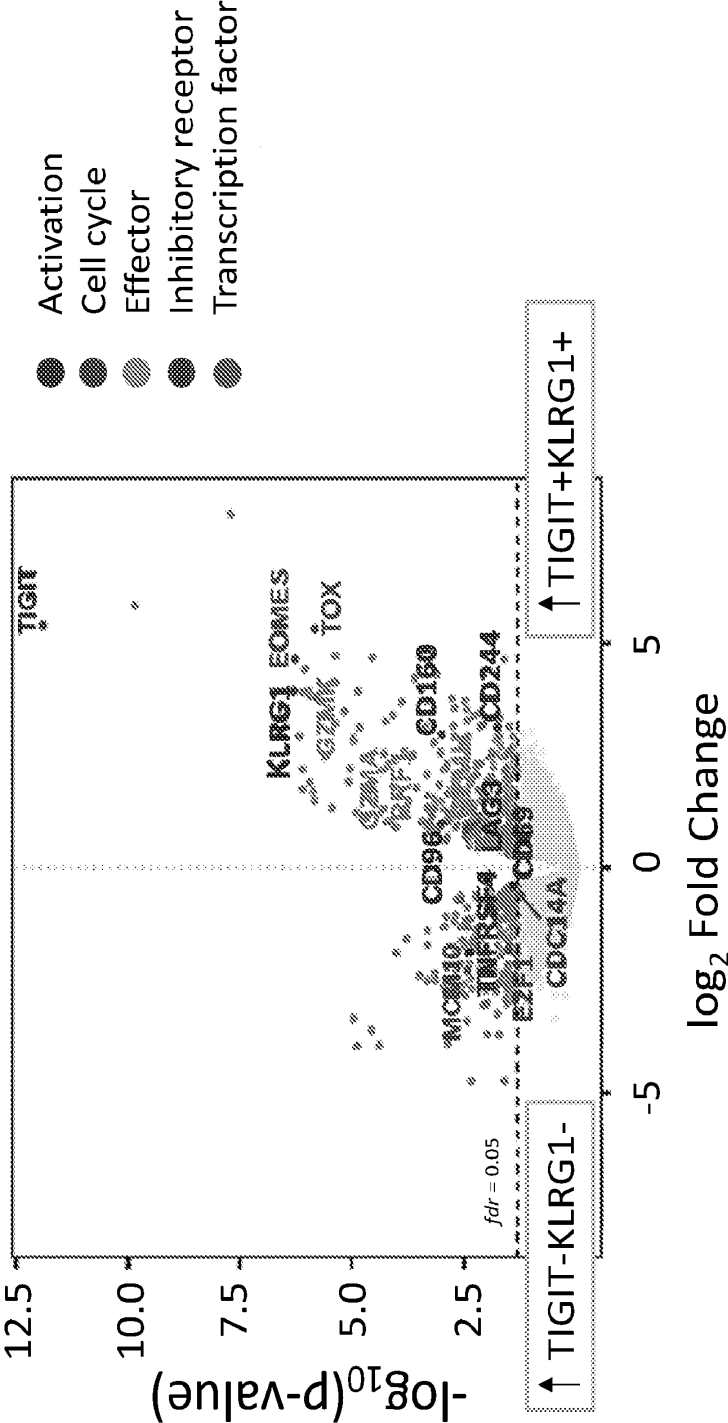
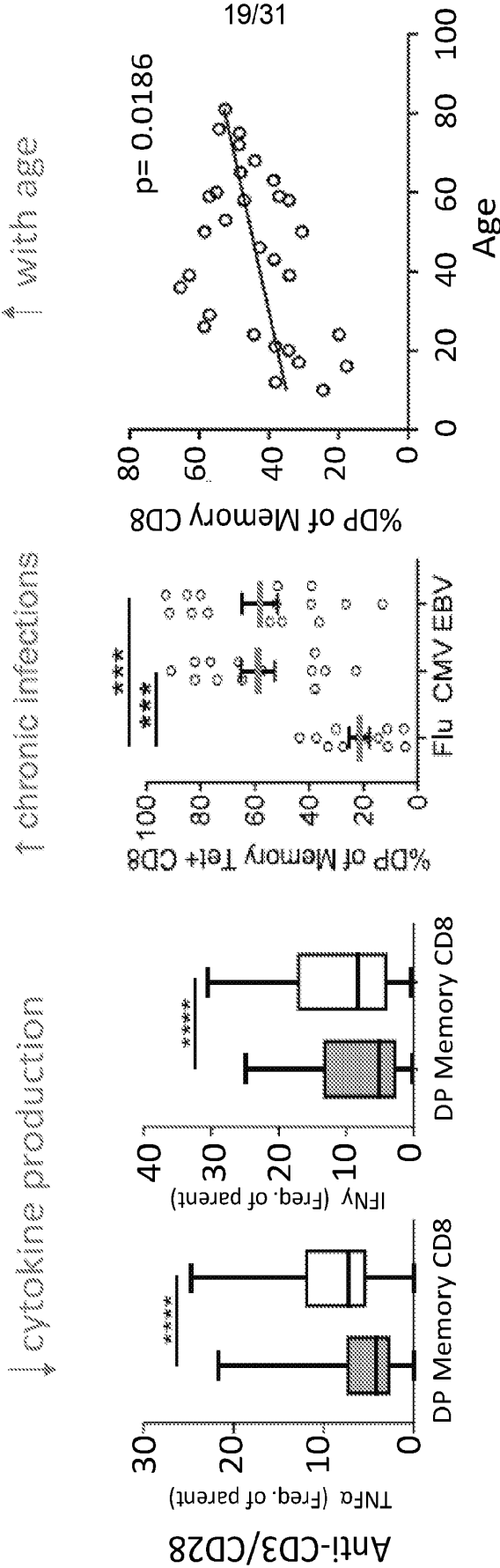


Figure 12



TIGIT+KLRG1+CD8 T Cells from HC (and T1D Subjects)

Figure 13



TIGIT+KLRG1+ CD8 T Cells from HC (and T1D Subjects) Figure 14

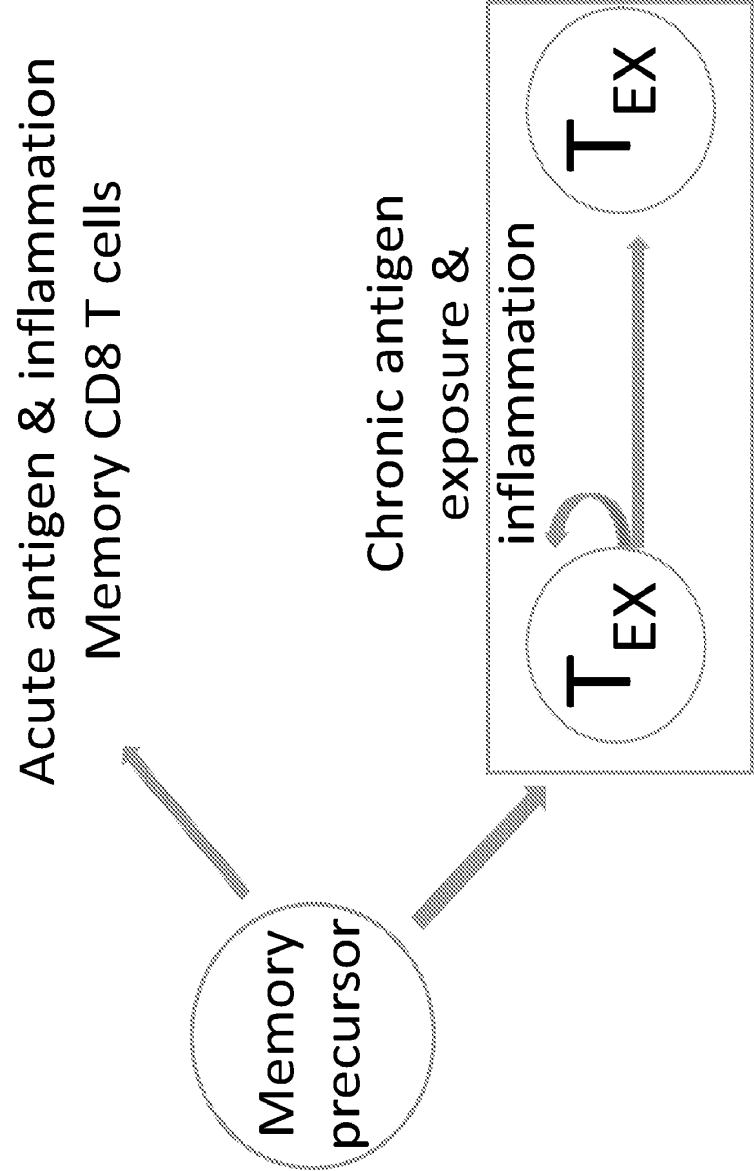


Figure 15

Stable TIGIT+KLRG1+ CD8 T cell
numbers vary between individuals

Composition of TIGIT + KLRG1+
CD8 T cells does vary

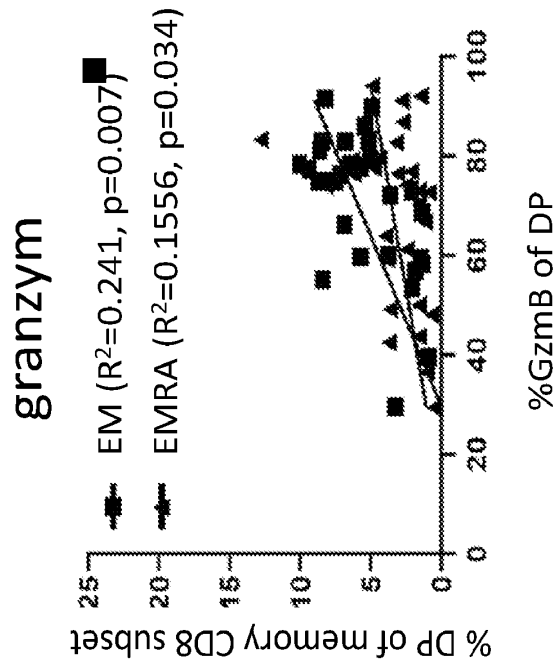
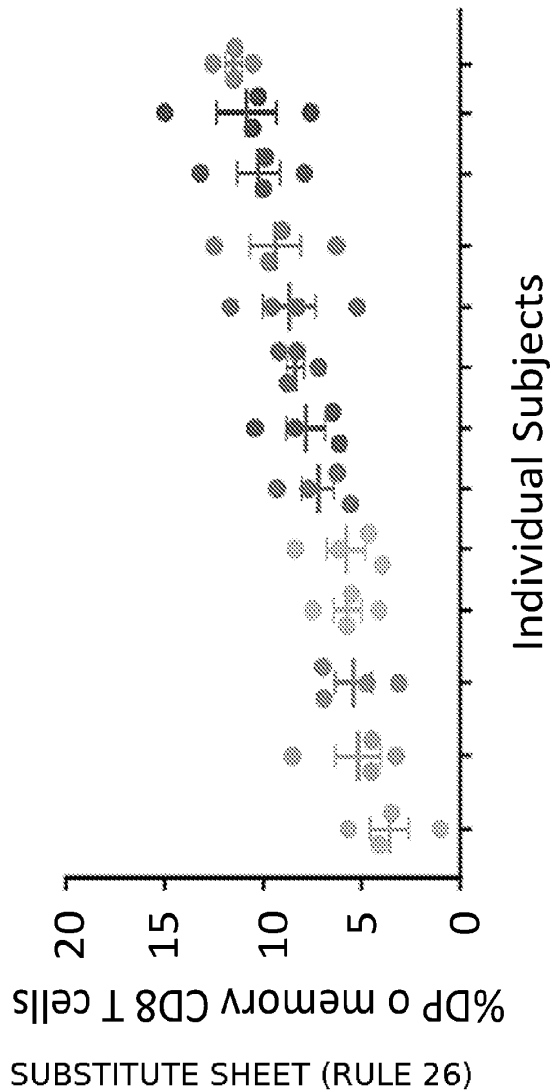


Figure 16

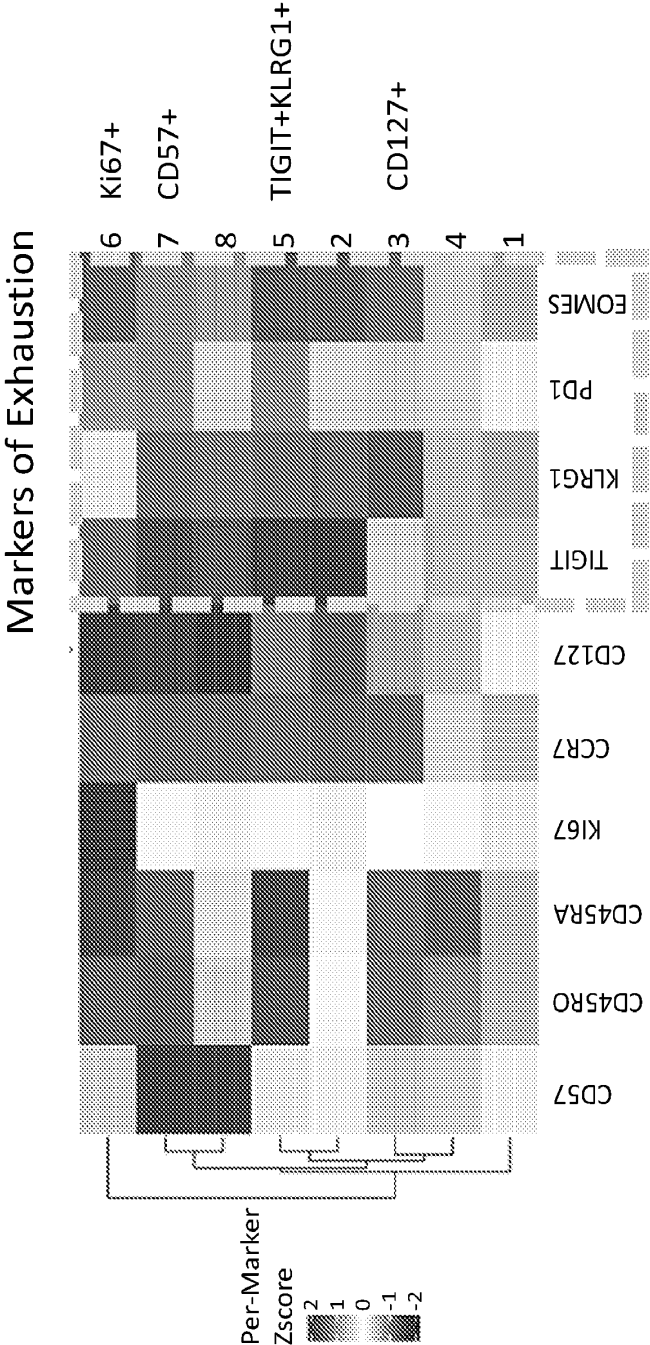


Figure 17

Clustered CD8 T cells; all time-points and subjects in the trial

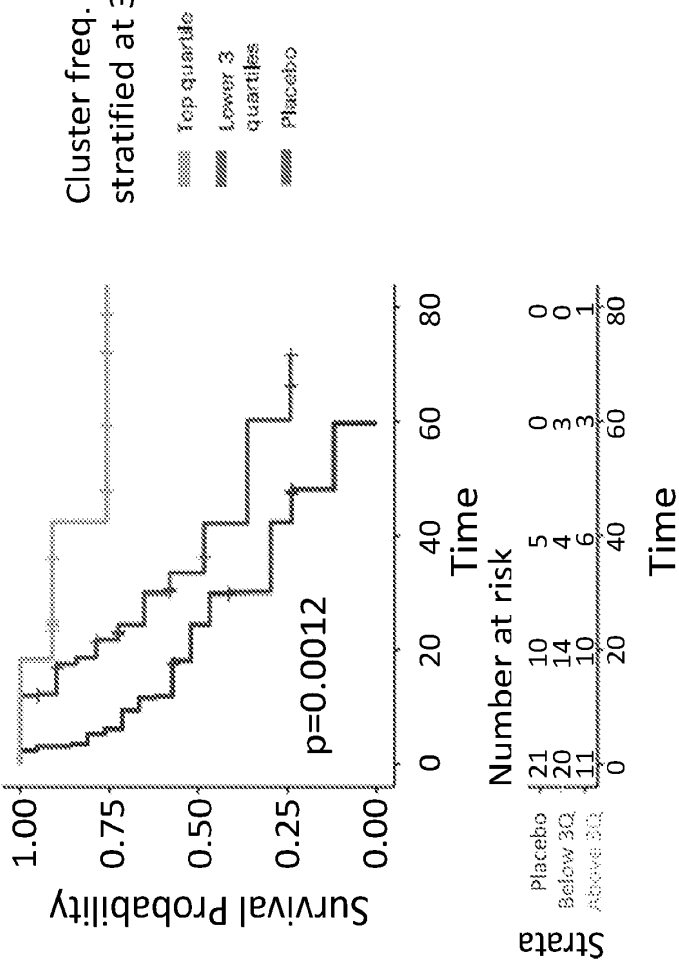
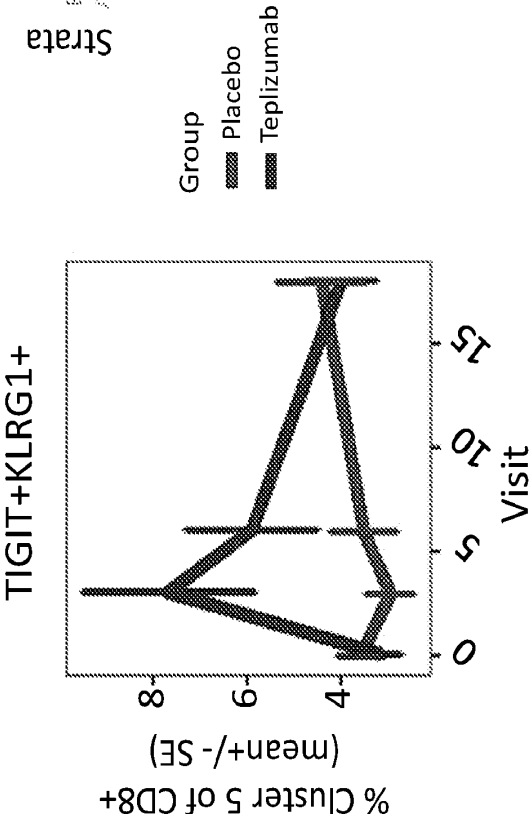
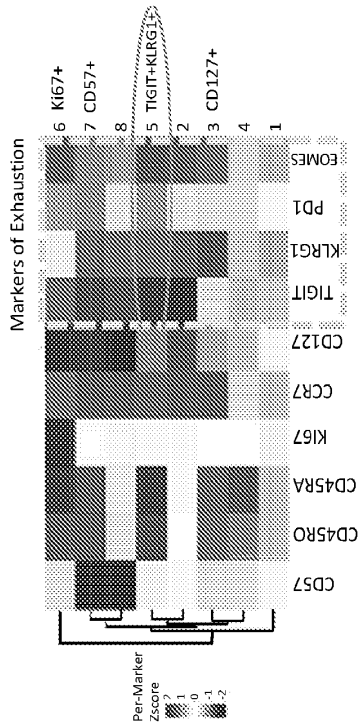


Figure 18



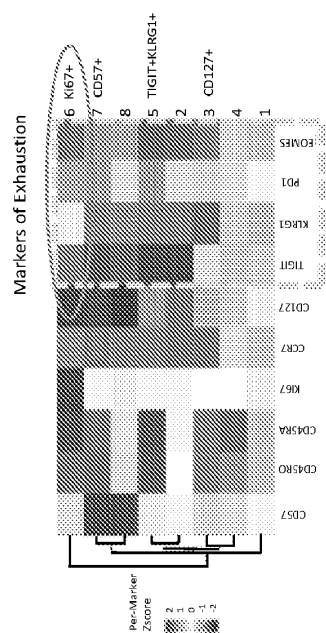
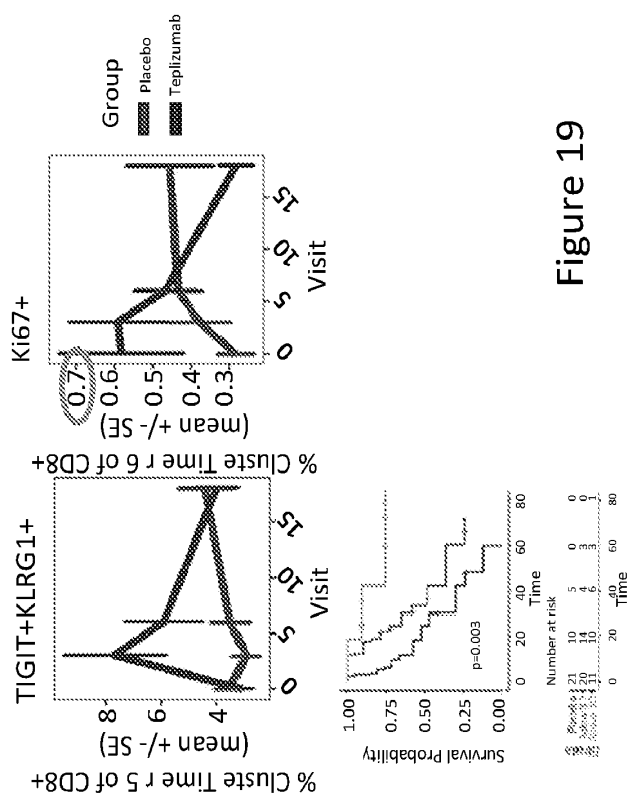
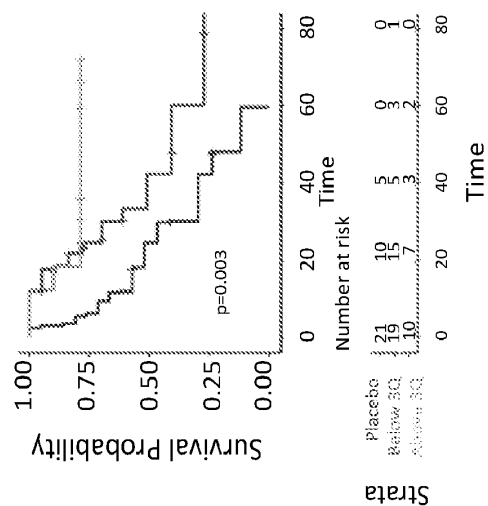
Cluster freq.
stratified at 3

Figure 19

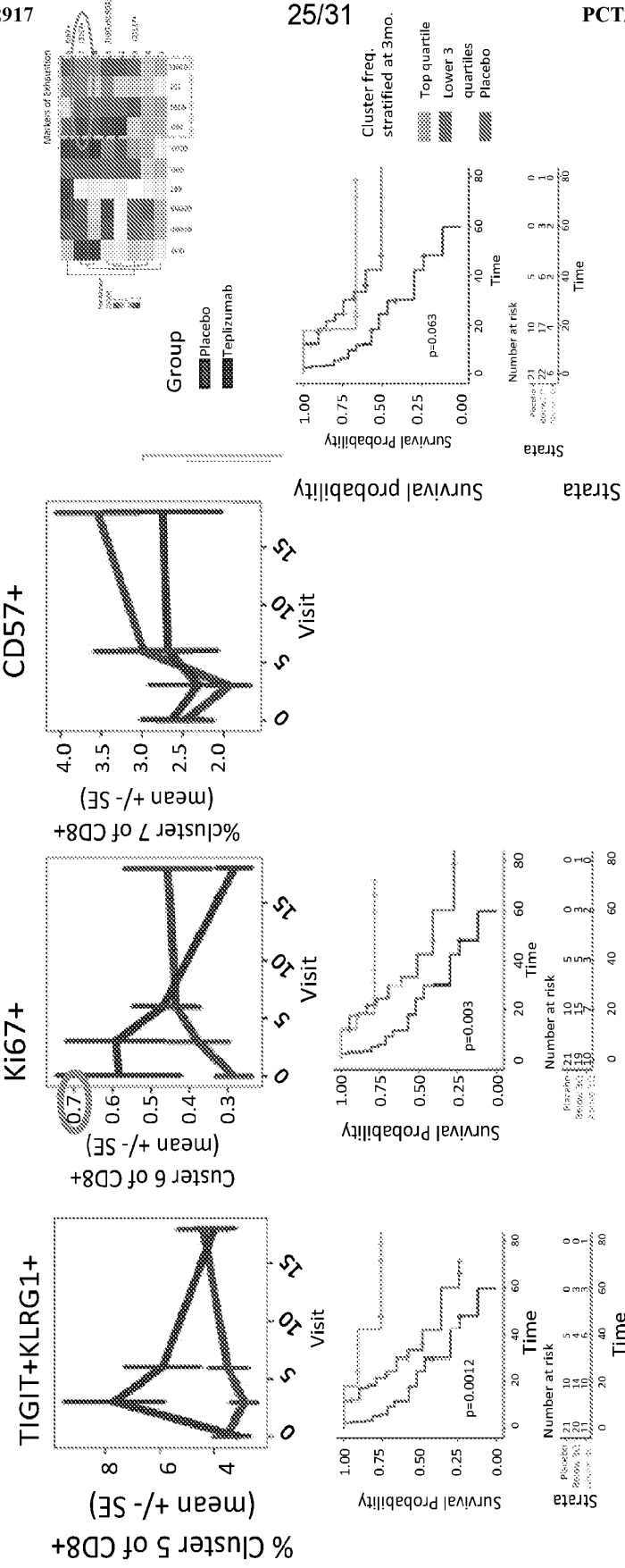


Figure 20

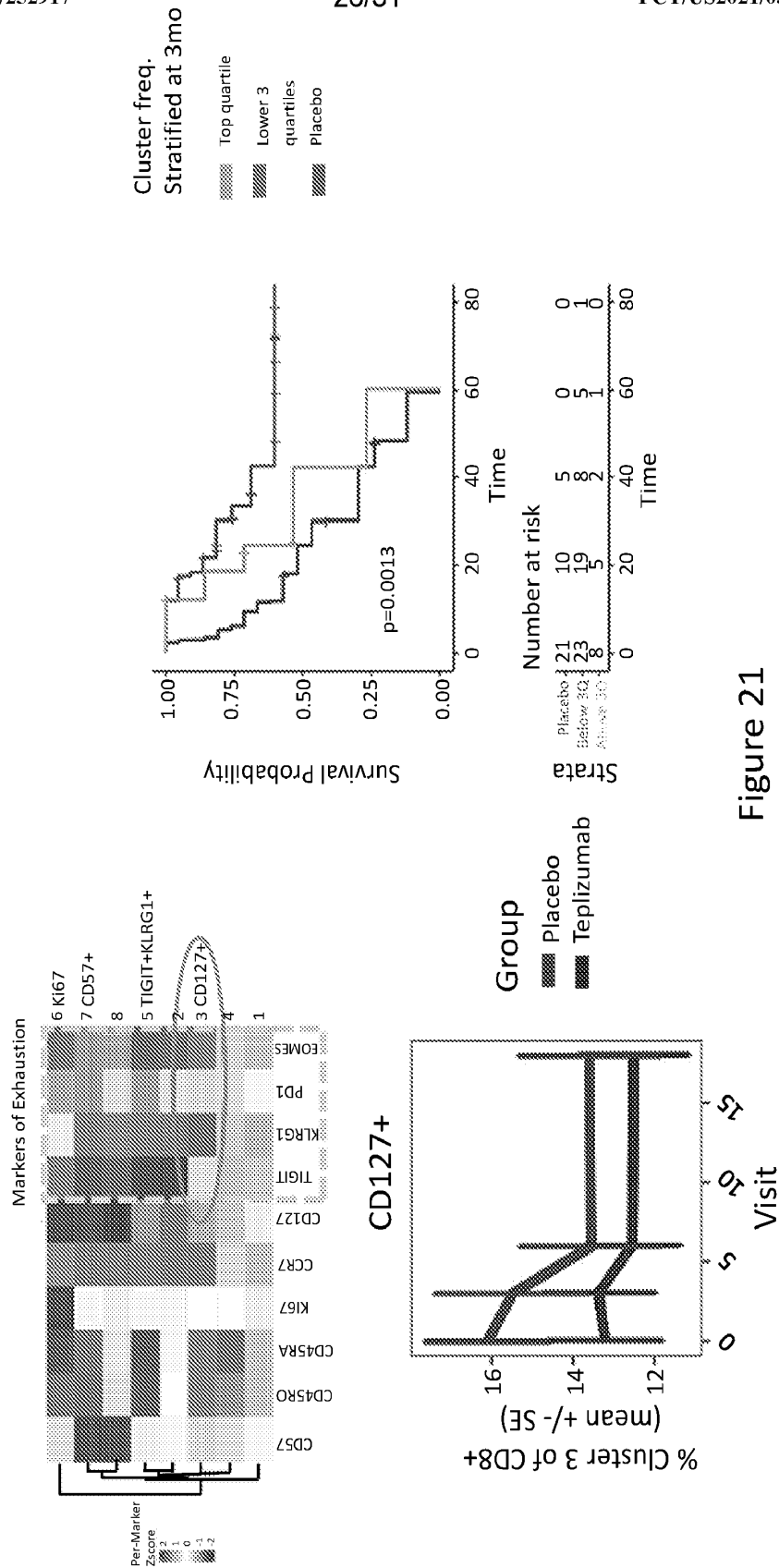


Figure 21

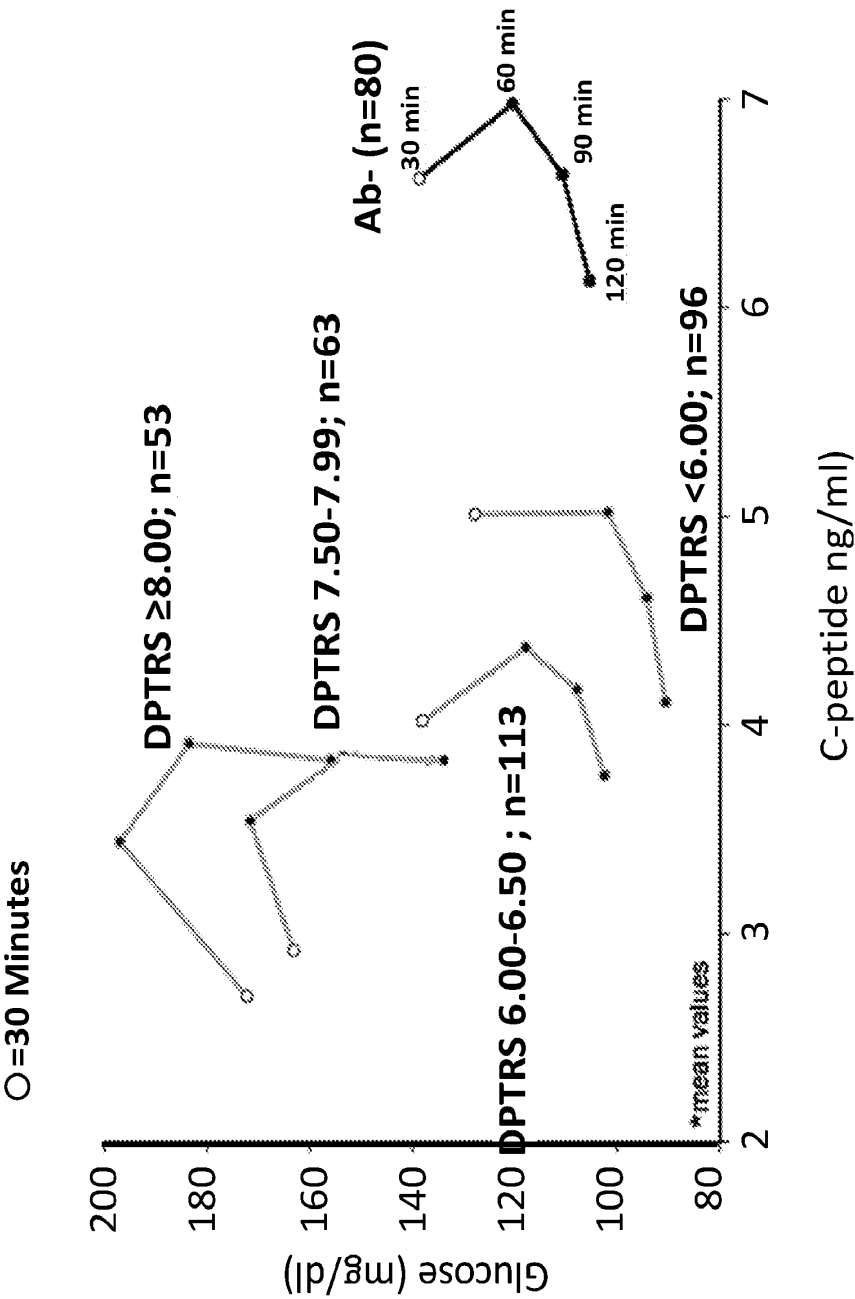


Figure 22

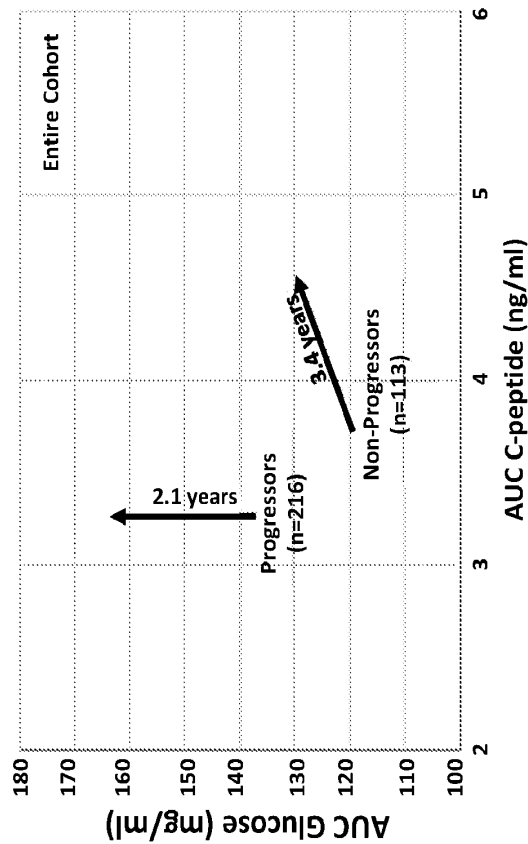
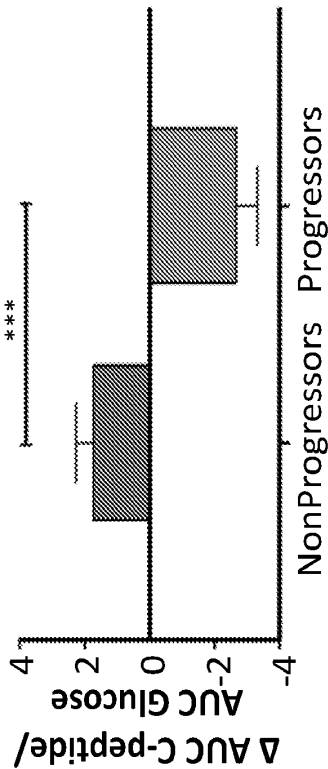
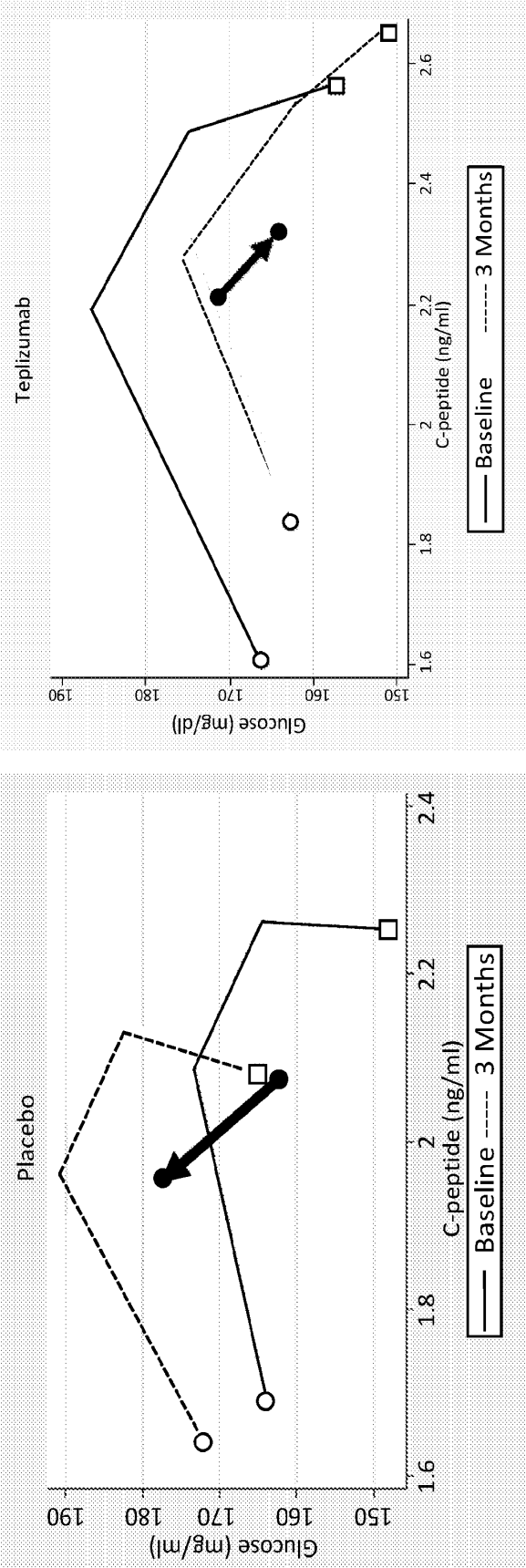


Figure 23





* The teplizumab group showed a positive change in AUC Ratio: 1.5 ± 2.9 vs. a negative change in placebo: -0.78 ± 2.7 ; $p=0.001$. This difference was sustained after 6 months of treatment ($p=0.004$).

Figure 24

	Placebo N=30	Tepilizumab N=41	Adjusted for baseline value p-value
	3 mo – baseline Difference (SD)	3 mo – baseline Difference (SD)	
Mean Glucose AUC	13.94 (43.10)	-6.30 (31.28)	0.058
Mean C-peptide AUC	-0.09 (0.36)	0.11 (0.47)	0.021
Peak C-peptide	-0.21 (0.49)	0.10 (0.73)	0.022
Index60	0.35 (0.86)	-0.20 (0.76)	0.013
DPTRS	0.56 (1.63)	-0.22 (1.08)	0.020
(C-peptide AUC/Glucose AUC)*1000	-0.78 (2.65)	1.45(2.86)	0.001
30-0 min C-peptide	-0.09 (0.46)	0.17 (0.44)	0.027

Figure 25

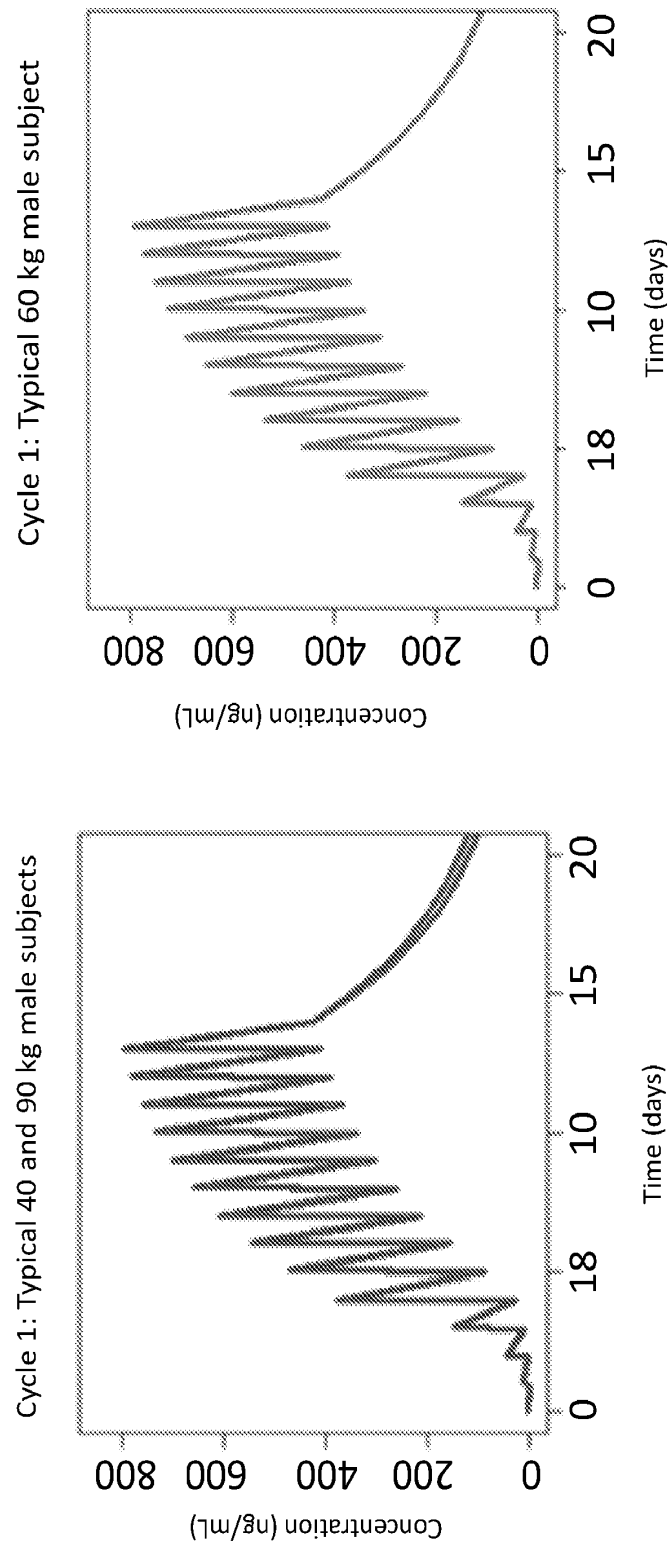


Figure 26