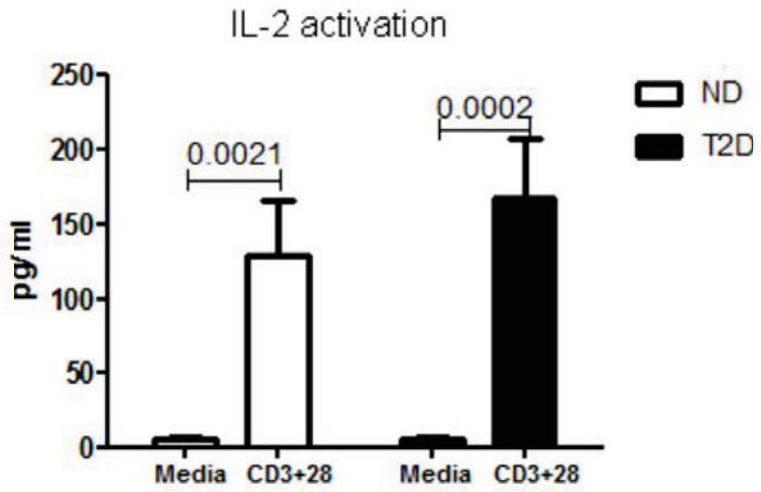
Supplementary Figure Legends:

Supp. Fig. 1: PBMCs from ND and T2D patients secrete similar levels of IL-2 in response to stimulation. PBMCs from ND (white bars) or T2D (black bars) donors were unstimulated or stimulated with α-CD3 and α-CD28 for 40 hrs, then analyzed for IL-2 production as a measure of activation. Difference between stimulated cells from ND and T2D donors was insignificant ($p>0.05$). N=12 for each donor cohort.

Supp. Fig. 2: T cell cytokine production does not correlate with age, BMI, race and sex. Relationship between age and T cell IL-17, IFNγ or IL-4 secretion (Row 1). Relationship between BMI and $\%CD3^+CCR4^+CCR6^+$ cells, IL-17, IFNγ or IL-4 secretion (Row 2). Row 3 compares African American and white donor samples for $\%CD3^+CCR4^+CCR6^+$ cells, IL-17, IFNγ or IL-4 secretion. Row 4 compares results from male and female donors for $\%CD3^+CCR4^+CCR6^+$ cells, or T cell production of IL-17, IFNγ and IL-4. Lack of relationships in Row 1 and 2 was determined by Pearson's correlation. For analyses in rows 3 and 4, results shown include both ND and T2D donor samples and differences were calculated by Mann Whitney U test.

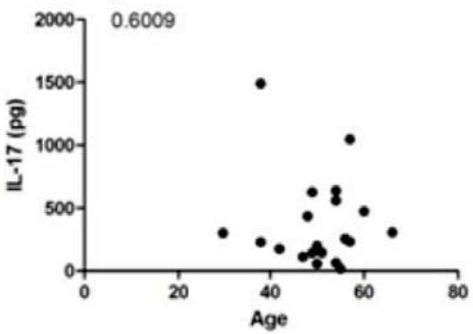
Supp. Fig. 3: Correlations between BMI and HbA1c for T2D donors. P value (0.06) was calculated using Pearson's correlation, r^2 value is shown below p value.

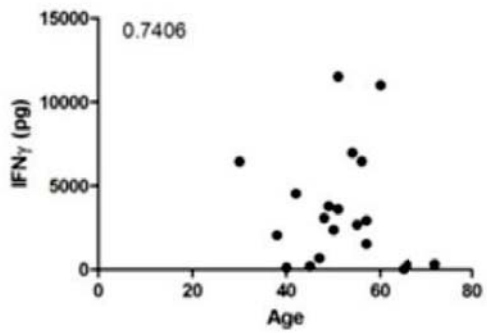
Jagannathan-Bogdan Supplementary Figure 1

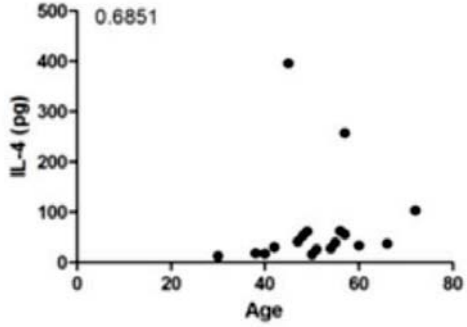


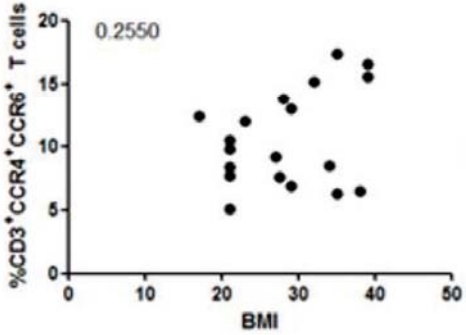
Jagannathan-Bogdan Supplementary Figure 2

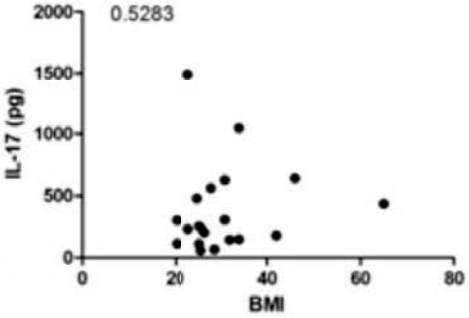
KEY	IL-17 Age	IFNγ Age	IL-4 Age
CCR4/6 BMI	IL-17 BMI	IFNγ BMI	IL-4 BMI
CCR4/6 Race	IL-17 Race	IFNγ Race	IL-4 Race
CCR4/6 Sex	IL-17 Sex	IFNγ Sex	IL-4 Sex

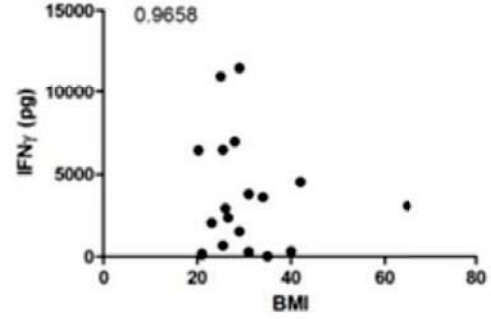


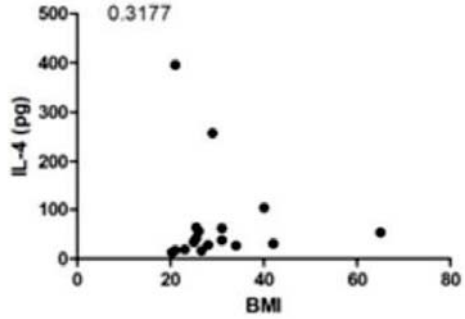


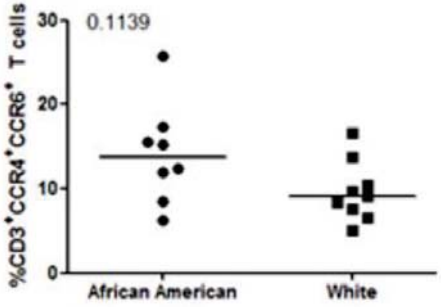


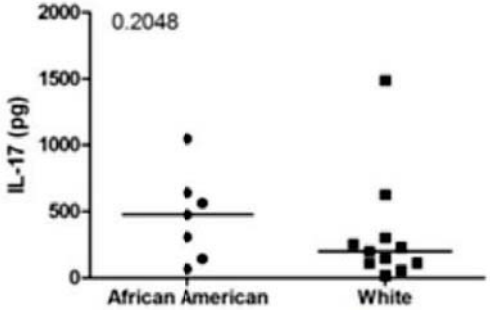


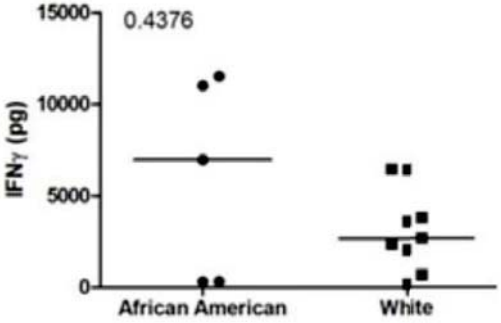


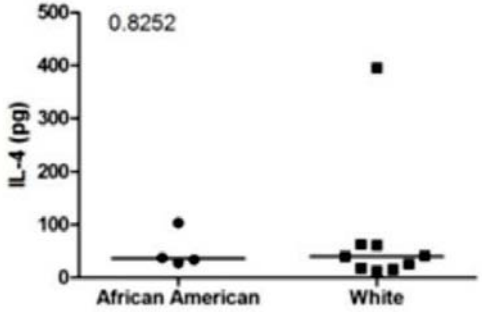


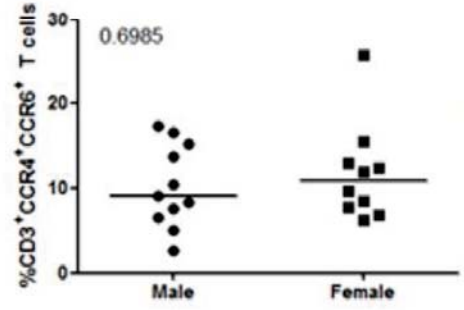


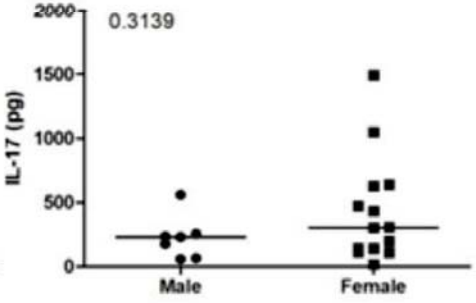


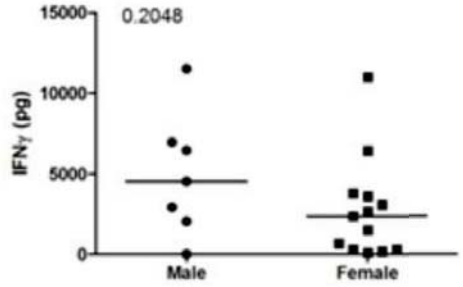


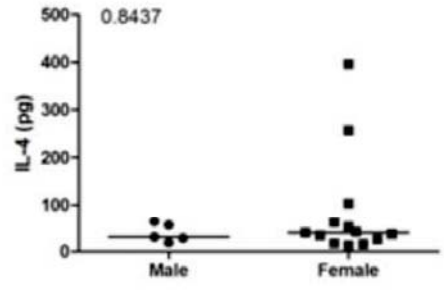












Jagannathan-Bogdan Supplementary Figure 3