

**Adults with T1DM screened
February 2024 to February 2025
n = 63**



**Excluded (n = 10)
Withdrew, n = 3
Missing flow cytometry or
RT-qPCR data, n = 2
Graves disease or prior
thyroid treatment, n = 2
Other autoimmune disease, n = 2
Acute metabolic
decompensation, n = 1**



**T1DM participants included
n = 53**



**TPOAb and/or TGAb positive: 25
TPOAb and TGAb negative: 28**

**Age- and sex-comparable
healthy controls recruited
contemporaneously; n = 50**



**Controls included in
between-group comparisons
n = 50**



**TPOAb and/or TGAb positive: 13
TPOAb and TGAb negative: 37**