

Characteristic	Value
n	145
Sex (%male)	74 (51.0)
Age at Diagnosis (years)	18.9 (13.7-25.5)
Age at Antibody Test (years)	27.5 (20.1-37.2)
Duration of Diabetes At Antibody testing (years)	5.8 (1.6-14.7)
<i>Diabetes Type</i>	
Type 1 Diabetes (%)	111 (76.6)
Type 2 Diabetes (%)	31 (21.4)
Other Diabetes type (%)	3 (2.1)
<i>Autoantibody Positivity</i>	
GADA positive (%)	60 (41.4)
IA-2A positive (%)	50 (34.5)
ZnT8A positive (%)	81 (55.9)

**ESM Table 1: UNITED Cohort Characteristics.** Participants were included if they were diagnosed  $\leq 30$  years, were  $\leq 50$  years at recruitment and had a ZnT8A measurement. Value is median (IQR) unless otherwise stated. ZnT8A considered positive according to RSR original threshold ( $\geq 15$  U/ml).