

tis; anti-citrullinated protein antibody seropositivity; rheumatoid factor seropositivity measurement mul  
Autoimmune Ankylosing spondylitis\_neg  
Autoimmune thyroid Graves disease\_neg  
Autoimmune thyroid Hashimotos disease\_neg  
cardio-ukbb\_CAD(negative control trait)\_neg  
cardio-ukbb\_CAD(negative control trait)\_pos  
diamante\_I2D-European\_neg  
MAGIC\_HbA1c-EUR\_pos  
all rheumatoid arthritis EAS\_neg  
MAGIC\_FG-EUR\_pos  
MAGIC\_FG-EUR\_pos  
MAGIC\_FI-EUR(negative control trait)\_pos  
Autoimmune thyroid Graves disease\_pos  
diamante\_I2D-European\_pos  
Autoimmune thyroid Hashimotos disease\_pos  
MAGIC\_FI-EUR(negative control trait)\_neg  
Autoimmune\_Inflammatory bowel\_disease\_pos  
MAGIC\_FG-EUR\_neg  
Autoimmune\_Celiac\_neg  
childhood-bmi\_7years\_neg  
all rheumatoid arthritis EAS\_pos  
Autoimmune Ankylosing spondylitis\_pos  
childhood-bmi\_3years\_neg  
Autoimmune\_Inflammatory bowel\_disease\_neg  
MAGIC\_HbA1c-EUR\_neg  
CD4 on activated Treg\_panel\_Treg\_neg  
CD28 on CD4 Treg\_panel\_Treg\_neg  
CD8 on CD8br\_panel\_TBNK\_neg  
CD123 on plasmacytoid DC\_panel\_CDC\_neg  
CD25 on CD4 Treg\_panel\_Treg\_neg  
HLA DR on monocyte\_panel\_Monocyte\_pos  
HVEM on CD4+\_panel\_Maturation stages of T cell\_pos  
CCR7 on naive CD4+\_panel\_Maturation stages of T cell\_neg  
CD25 on CD24+\_CD27+\_panel\_B cell\_pos  
CD38 on IgD+\_CD38dim\_panel\_B cell\_neg  
BAFF-R on memory B cell\_panel\_B cell\_pos  
antibody seropositivity; rheumatoid factor seropositivity measurement mul  
CD25 on CD24+\_CD27+\_panel\_B cell\_neg  
childhood-bmi\_3years\_pos  
childhood-bmi\_7years\_pos  
CD19 on memory B cell\_panel\_B cell\_neg  
BAFF-R on memory B cell\_panel\_B cell\_neg  
CD123 on plasmacytoid DC\_panel\_CDC\_pos  
CCR7 on naive CD4+\_panel\_Maturation stages of T cell\_pos  
CD19 on memory B cell\_panel\_B cell\_pos  
CD20 on memory B cell\_panel\_B cell\_pos  
CD45 on lymphocyte\_panel\_TBNK\_pos  
CD28 on CD4 Treg\_panel\_Treg\_pos  
Autoimmune\_Celiac\_pos  
HLA DR on monocyte\_panel\_Monocyte\_neg  
CD8 on CD8br\_panel\_TBNK\_pos  
CD4 on activated Treg\_panel\_Treg\_pos  
CD25 on CD4 Treg\_panel\_Treg\_pos  
CD38 on IgD+\_CD38dim\_panel\_B cell\_pos  
CD20 on memory B cell\_panel\_B cell\_neg  
CD45 on lymphocyte\_panel\_TBNK\_neg  
HVEM on CD4+\_panel\_Maturation stages of T cell\_neg