

arthritis; anti-citrullinated protein antibody seropositivity; rheumatoid factor seropositivity measurement

diamante\_T2D-European\_neg  
MAGIC FI-EUR(negative control trait)\_neg  
Autoimmune\_thyroid\_Graves\_disease\_neg  
Autoimmune\_thyroid\_Hashimotos\_disease\_neg  
Autoimmune\_Celiac\_neg  
MAGIC\_FG-EUR\_pos  
cardio-ukbb\_CAD(negative control trait)\_pos  
cardio-ukbb\_CAD(negative control trait)\_neg  
MAGIC\_HbA1c-EUR\_pos  
Autoimmune\_Inflammatory\_bowel\_disease\_pos  
Autoimmune\_thyroid\_Graves\_disease\_pos  
diamante\_T2D-European\_pos  
MAGIC\_FG-EUR\_neg  
childhood-bmi\_7years\_neg  
Autoimmune\_thyroid\_Hashimotos\_disease\_pos  
MAGIC FI-EUR(negative control trait)\_pos  
Autoimmune\_Inflammatory\_bowel\_disease\_neg  
Autoimmune\_Ankylosing\_spondylitis\_pos  
Autoimmune\_Ankylosing\_spondylitis\_neg  
MAGIC\_HbA1c-EUR\_neg  
CD28 on CD4 Treg panel\_Treg\_neg  
HVEM on CD4+ panel\_Maturation stages of T cell\_neg  
CCR7 on naive CD4+ panel\_Maturation stages of T cell\_neg  
Autoimmune\_Celiac\_pos  
CD8 on CD8br panel\_TENK\_pos  
CD25 on CD24+ CD27+ panel\_B cell\_neg  
HLA DR on monocyte panel\_Monocyte\_neg  
CD38 on IgD+ CD38dim panel\_B cell\_pos  
BAFF-R on memory B cell panel\_B cell\_pos  
CD38 on IgD+ CD38dim panel\_B cell\_neg  
BAFF-R on memory B cell panel\_B cell\_neg  
childhood-bmi\_7years\_pos  
CD19 on memory B cell panel\_B cell\_neg  
CD20 on memory B cell panel\_B cell\_neg  
CD45 on lymphocyte panel\_TENK\_neg  
CD123 on plasmacytoid DC panel\_cdc\_neg  
CD4 on activated Treg panel\_Treg\_neg  
CD25 on CD4 Treg panel\_Treg\_neg  
CD25 on CD24+ CD27+ panel\_B cell\_pos  
CD4 on activated Treg panel\_Treg\_pos  
CD25 on CD4 Treg panel\_Treg\_pos  
HVEM on CD4+ panel\_Maturation stages of T cell\_pos  
CD123 on plasmacytoid DC panel\_cdc\_pos  
CD8 on CD8br panel\_TENK\_neg  
CD28 on CD4 Treg panel\_Treg\_pos  
HLA DR on monocyte panel\_Monocyte\_pos  
CCR7 on naive CD4+ panel\_Maturation stages of T cell\_pos  
CD20 on memory B cell panel\_B cell\_pos  
childhood-bmi\_7years\_neg  
CD19 on memory B cell panel\_B cell\_pos  
CD45 on lymphocyte panel\_TENK\_pos

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