```
Autoimmune_Ankylosing_spondylitis_pos
Autoimmune_thyroid_Hashimotos_disease_pos
childhood-bmi_3years_neg
                                                                                           MAGIC_HbAlc-EUR_neg
```

factor seropositivity measuremer MAGIC FI-EUR(negative control trait) pos Autoimmune_Inflammatory_bowel_disease_neg cardio-ukbb_CAD(negative control trait) neg cardio-ukbb_CAD(negative control trait) pos cardio-ukbb_CAD(negative control trait) pos irthritis; anti-citrullinated protein antibody seropositivity; rheumatoid MAGIC_FG-EUR_pos disease pos MAGIC_FI-EUR(negative control trait)_neg Autoimmune thyroid Graves disease pos diamante_T2D-European pos MAGIC_FG-EUR_neg Autoimmune_Ankylosing_spondylitis_neg MAGIC_HDA1c-EUR_pos Autoimmune Inflammatory bowel

cell_pos SOC HVEM on CD4+_panel_Maturation stages of T cell Autoimmune_thyroid_Hashimotos_disease_neg Childhood-bmi_7years_neg
HLA DR on monocyte panel_Monocyte pos
CD20 on memory B cell_panel_B cell_pos
naive CD4+_panel_Maturation stages of T CD45 on Iymphocyte panel TBNK pos CD25 on CD24+ CD27+ panel B cell pos CD25 on CD4 Treg panel Treg pos CD4 on activated Treg panel Treg pos CD19 on memory B cell panel B cell pos CD123 on plasmacytoid DC panel CDC pos diamante_T2D-European_neg Autoimmune_Celiac_neg Autoimmune_thyroid_Graves_disease_neg CCR7 on

cell_neg HVEM

Autoimmune_Celiac_pos rthritis; anti-citrullinated protein antibody seropositivity; rheumatoid factor seropositivity measuremen CD28 on CD4 Treg_panel_Treg_pos CD28 on CD4 Treg_panel_Treg_neg on CD4+panel_Maturation stages of T cell CD8 on CD8br panel_TRNK_pos BAFF-R on memory B cell_panel_B cell_neg CD38 on IgD+ CD38dim panel B cell neg CD38 on IgD+ CD38dim panel B cell pos on CD4 Treg_panel_Treg_neg CD8br_panel_TBNK_neg childhood-bmi_3years_pos childhood-bmi_7years_pos CD8 on CD25

cell neg B cerr... B cell_neg CD25 on CD24+ CD27+ panel_B cell_neg CD20 on memory B cell_panel_B cell_neg CCR7 on naive CD4+ panel_Maturation stages of TCD123 on plasmacytoid DC panel_CDC neg CD12 on activated Treg_panel_Treg_neg

HLA DR on monocyte_panel_Monocyte_neg CD19 on memory B cell_panel_B cell_neg

CD45 on lymphocyte_panel_TBNK_neg

on memory B cell_panel_B of on lumnhammer.

BAFF-R

B cell_pos