```
tis; anti-citrullinated protein antibody seropositivity; rheumatoid factor seropositivity measurement mul
                                          Autoimmune_Ankylosing_spondylitis_neg
Autoimmune_thyroid_Hashimotos_disease_neg
diamante_T2D-European_neg
cardio-ukbb_CAD(negative_control_trait)_pos
cardio-ukbb_CAD(negative_control_trait)_neg
```

Autoimmune_thyroid_draves_disease_neg
Autoimmune_thyroid_draves_disease_neg
Autoimmune_thyroid_draves_disease_neg
Autoimmune_thyroid_draves_disease_pos
diamante_T2D-European_pos
MAGIC_FI-EUR(negative control trait)_neg
Autoimmune_Inflammatory_bowel_disease_neg
MAGIC_FG-EUR_neg
MAGIC_FG-EUR_neg

trait) pos MAGIC_FI-EUR(negative control

Autoimmune_Inflammatory_bowel_disease_pos Autoimmune_thyroid_Hashimotos_disease_pos childhood-bmi_7years_neg
Autoimmune_Ankylosing_spondylitis_pos
childhood-bmi_3years_neg
CD25 on CD4 Treg_panel_Treg_pos Autoimmune_Celiac_neg all rheumatoid arthritis EAS_pos childhood-bmi_7years_neg

T cell_neg HVEM

cell_pos CD8 on CD8br_panel_TBNK_pos
CD4 on activated Treg panel_Treg pos
EM on CD4+panel_Maturation stages of T cell_r
CD8 on CD8br_panel_TBNK_neg
CD4 on activated Treg panel_Treg neg
CD4 on activated Treg panel_TBNK_neg
CD5 on Ig9+ CD38dim_panel_B cell_neg
CD20 on memory B cell_panel_B cell_neg
CD19 on memory B cell_panel_B cell_neg
CD25 on CD24+ CD27+ panel_B cell_neg
CD25 on CD24+ CD27+ panel_B cell_neg CD45 on lymphocyte_panel_TBNK pos CD28 on CD4 Treg panel_Treg pos CD123 on plasmacytoid DC_panel_cDC_pos alive CD4+ panel_Maturation stages of T CD38 on IgD+ CD38dim_panel_B cell_neg CD20 on memory B cell_panel_B cell_pos CD123 on plasmacytoid DC_panel_cDC_neg CD25 on CD4 Treg_panel_Ireg_neg naive CCR7 on

seropositivity measurement mul childhood-bmi_3years_pos childhood-bmi_7years_pos tis; anti-citrullinated protein antibody seropositivity; rheumatoid factor BAFF-R on memory B cell_panel_B cell_pos CD25 on CD24+ CD27+ panel_B cell_neg CD19 on memory_B cell_panel_B cell_pos

cell_neg Autoimmune_Celiac_pos 6

panel Maturation stages of T cell pos HLA DR on monocyte_panel_Monocyte_neg HLA DR on monocyte_panel_Monocyte_pos CD28 on CD4 Treg_panel_Treg_neg on CD4+

naive CD4+ panel_Maturation stages of T