```
seropositivity measurement mul
                                                                                                                                                                                                                                        tis; anti-citrullinated protein antibody Seropositivity; rheumatoid factor
Autoimmune_Ankylosing_spondylitis_neg
MAGIC_HDAIC-EUR_neg
                                                      Autoimmune_thyroid_Graves_disease_neg
Autoimmune_Celiac_neg
diamante_T2D-European_neg
MAGIC_FI-EUR(negative control_trait)_neg
cardio-ukbb_CAD(negative control_trait)_pos
Autoimmune_thyroid_Hashimotos_disease_neg
                             all rheumatoid arthritis EAS_neg
```

_disease_neg_disease_pos

Autoimmune thyroid Graves disease pos diamante_T2D-European pos MAGIC_FG-EUR_neg

MAGIC_HDA1c-EUR_pos MAGIC_FG-EUR_pos

trait) pos

MAGIC_FI-EUR(negative control

Autoimmune_Inflammatory_bowel_Autoimmune_Inflammatory_bowel_

seropositivity measurement mul

HIA DR ON MONOCYTE PAREL MONOCYTE DE COURS ON 19D+ CD38dim panel B cell poss BAFF-R on memory B cell panel B cell poss BAFF-R on memory B cell panel B cell poss BAFF-R on JAPA COURS ON 19D+ CD38dim panel B cell neg BAFF-R on memory B cell panel B cell neg childhood-bmi Jyears pos childhood-bmi Jyears pos childhood-bmi Jyears pos childhood-bmi Jyears pos CD20 on memory B cell panel B cell neg CD20 on memory B cell panel B cell neg CD20 on memory B cell panel B cell neg CD20 on memory B cell panel B cell neg CD4 on activated Treg panel Treg neg CD4 on activated Treg panel Treg neg CD25 on CD4+ CD27+ panel B cell pos CD25 on CD24+ CD27+ panel B cell pos CD25 on CD4+ CD27+ panel Treg pos CD25 on CD4 treg panel Treg pos CD25 on CD4 treg panel Treg pos

cell pos

CCR7 on naive CD4+_panel_Maturation customents CD20 on memory B cell_panel_B cell_pos

CD28 on CD4 Treg_panel_Treg_pos

CD123 on plasmacytoid DC panel_cD CD8 on CD8br panel TBNK neg on CD4+_panel_Maturation stages

HVEM

childhood-bmi_7years_neg

CD45 on lymphocyte panel TBNK pos

of T cell pos

CDC pos

T cell neg

Autoimmune_Celiac_pos CD8 on CD8br_panel_TBNK_pos CD25 on CD24+ CD27+_panel_B cell_neg

tis; anti-citrullinated protein

cardio-ukbb_CAD(negative control trait)_neg
childhood-bmi_3years_neg
all rheumatoid arthritis EAS_pos
Autoimmune_thyroid_Hashimotos_disease_pos
CD28 on CD4 Treq_panel_Treg_neg
HVEM on CD4+_panel_Maturation stages of T cell_neg