Sputum cytokine levels out of grass pollen season (October–January)

A

TH2 cytokines

Sputum IL-4 (pg/mL)

Sputum IL-5 (pg/mL)

Sputum IL-13 (pg/mL)

TH9 / pro-inflammatory cytokines

Sputum TGF-β (pg/mL)

Sputum IL-9 (pg/mL)

Sputum IL-6 (pg/mL)

TH1 / Treg cytokines

Sputum IL-2 (pg/mL)

Sputum IFN-γ (pg/mL)

Sputum IL-10 (pg/mL)

B

Gating strategy for TH2, TH9 and regulatory T cells in peripheral blood

healthy controls

allergic rhinitis

allergic asthma

untreated patients

AIT–treated patients

Figure S2