# Supplemental Data

# Supplement Table

## Legend Supplement Table S1:

**Supplement Table S1. Immunological phenotype in patients with *NFKB2* mutations.** Black/ arrow down=decreased, grey=no information provided, white nv=normal value, white/arrow up=increased. MZ=marginal zone \*IgD+CD27- of CD19+, \*\*IgD-CD27+, \*\*\*IgD+CD27+.

## Supplemental Figure S1



**Supplemental Figure S1.** **Vitiligo in Patient P2 (Fam689).** The photograph demonstrates the pronounced vitiligo patient P21 is suffering from.

## Supplemental Figure S2

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**Supplemental Figure S2.** Histology of *NFKB2*-mutated patients. **(A-D)** P49 (Fam846). **(A)** Duodenal biopsy with normal architecture and without inflammation but lacking stromal plasma cells. **(B)** CD8 staining (brown) shows villi with high numbers of intraepithelial lymphocytes. **(C, D)** Biopsies from the colon descendens **(C)** and rectum **(D)** display minor chronic damage with few apoptotic bodies in the stroma (C; asterisk, exemplary), patchy eosinophilic infiltrate (C, D; arrowhead) and reduced crypt diameters. **(E, F)** P41 (Fam246). **(E)** Lymph node with sparse, small germinal centers (dotted line, exemplary) and cortical macrophage infiltration (asterisk, exemplary) and lacking plasma cells in the CD138 staining **(F)** Original magnifications indicated by scale bars.