NFκB1 haploinsufficiency causing combined immunodeficiency and EBV-driven lymphoproliferation

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Supplementary Figure 1. Immunoblot analysis of index patient and her father.

A) Western blot as shown in Figure 2D with indicated molecular weight (kDa) of stained proteins.
B-D show original western blot films following different exposures. Horizontal lines indicate the cutting sites of membranes for the detection of multiple proteins on the same blot. The membrane was cut on the basis of PageRuler Prestained Protein Ladder (Thermo Scientific) marking points, as indicated on the left side. B) Top arrowhead indicates detected p50 protein; bottom arrowhead indicates detected GAPDH protein following 1 second of film exposure. C) Top arrowhead indicates detected P-p105 protein; bottom arrowhead indicates height of potentially expected truncated p50 protein following 10 seconds of film exposure. Due to lack of signal detection, proteasomal degradation of the non-full length protein expressed from the mutated allele can be assumed. D) Arrowhead indicates detected p105 protein following 10 seconds of film exposure. The staining was performed followng membrane stripping and is shown for completeness.