Figure S1. **SLAM family receptor expression on NK cell sensitive cell lines**

The NK cell sensitive cell lines Daudi (upper panels) and K562 (lower panels) were stained with antibodies specific to the SLAM receptors NTBA, CD48, CD84, CD150, CRACC and CD229 and analyzed by flow cytometry. Histograms show staining intensity of cells stained with the appropriate SLAM receptor-specific antibody in black or an isotype matched control antibody in grey.

Figure S2. **SLAM family receptor expression on target cell lines used in CD8+ T cell recognition assays.** LCLs (upper panels), B Blasts (middle panels) and fibroblasts (lower panels) were stained with antibodies specific to the SLAM receptors NTBA, CD48, CD84, CD150, CRACC and CD229 and analyzed by flow cytometry. Histograms show staining intensity of cells stained with the appropriate SLAM receptor-specific antibody in black or an isotype matched control antibody in grey.

Figure S3. **Sensitivity of XLP- and healthy donor-derived CD8+ T cell clones assayed against different target cell types.** HLA-B*2705 expressing LCLs (upper panel), B cell blasts (middle panel) and fibroblasts (lower panel) were sensitized with 10-fold dilutions of KRP-peptide, incubated overnight with a KRP-specific T cell clone derived from XLP1 or an equivalent clone derived from a healthy donor and recognition assessed by measuring IFN-γ secreted by the T cells.
Figure S1
Figure S2
Figure S3