Fig. S5

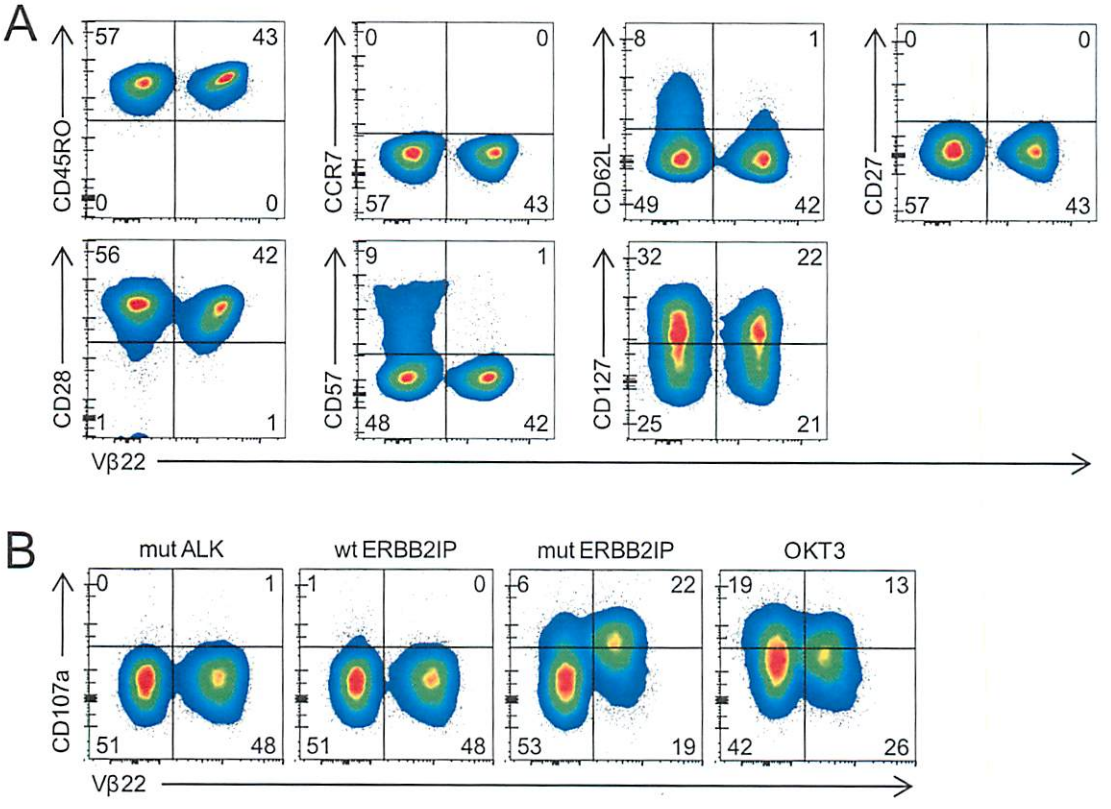

Fig. S5. T-cell differentiation phenotype and cytolytic potential of Patient 3737-TIL. (**A**) Patient 3737-TIL were assessed for expression of Vβ22 (representing ERBB2IP-mutation-reactive T cells) and the indicated T-cell differentiation markers. Data are gated on live CD3+CD4+ cells. Positive and negative quadrant gates were set using isotype stained or unstained cells. Human peripheral blood cells (containing T cells of all differentiation stages) were included in experiments to ensure that the antibodies were working (data not shown). (**B**) Patient 3737-TIL were co-cultured for 6 h with autologous B cells pulsed overnight with wild-type (wt) ERBB2IP, or mutated (mut) ALK or mut ERBB2IP 25-AA long peptides. Antibodies specific for the degranulation marker CD107a were added at the beginning of the co-culture. Flow cytometry was used to assess expression of Vβ22 and to detect cell surface mobilization of CD107a. Data are gated on the CD4+ population. All data are representative of at least two independent experiments.