

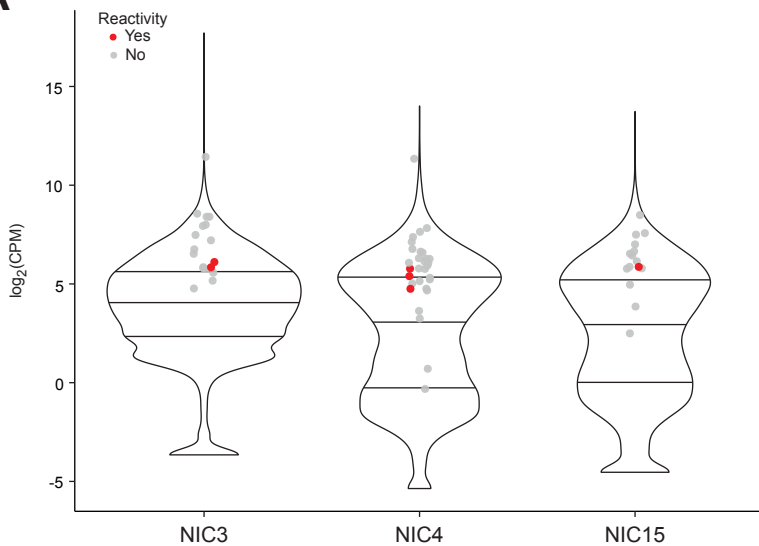
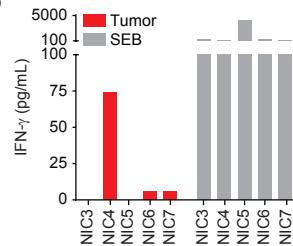
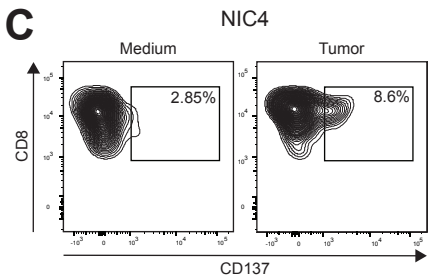
A**B****C**

Figure S4 | **a** RNA expression of genes encoding somatic mutations (dots) in relation to overall gene expression level in NIC3, NIC4, and NIC15. Red dots highlight the genes to which neoantigen-specific T cell responses were observed. **b** Measurement of IFN- γ production upon co-culture of TIL with autologous tumor material (red) or SEB (positive control, grey). **c** Flow cytometric analysis of CD8+ TIL cultures derived from NIC4 shows an increase of CD137 expression upon co-culture with autologous tumor material compared to the medium control. The percentage in the gates refer to the CD137-positive fraction within the CD8+ subset.