



Fig. S10. Correlations between the expression of EOMES/RUNX3/XBP1 and GZMB/perforin in CD8⁺ T cells and NK cells in NPC. **a**, Left, representative histograms depicting the expression of GZMB and perforin on EOMES⁻ and EOMES⁺ ($n = 5$ donors, $n = 3$ independent experiments), RUNX3⁻ and RUNX3⁺ ($n = 6$ donors, $n = 6$ independent experiments), and XBP1⁻ and XBP1⁺ ($n = 6$ donors, $n = 5$ independent experiments) CD8⁺ T cells from tumour tissues. Right, associations of EOMES⁺ ($n = 5$), RUNX3⁺ ($n = 6$), and XBP1⁺ ($n = 6$) CD8⁺ T cells with GZMB⁺ or perforin⁺ CD8⁺ T cells from tumour tissues. **b**, Left, representative histograms depicting the expression of GZMB and perforin on EOMES⁻ and EOMES⁺ ($n = 5$ donors, $n = 4$ independent experiments), RUNX3⁻ and RUNX3⁺ ($n = 6$ donors, $n = 6$ independent experiments), and XBP1⁻ and XBP1⁺ ($n = 5$ donors, $n = 5$ independent experiments) NK cells from tumour tissues. Right, associations of EOMES⁺ ($n = 5$), RUNX3⁺ ($n = 6$), and XBP1⁺ ($n = 5$) NK cells with GZMB⁺ or perforin⁺ NK cells from tumour tissues. * $P < 0.05$, and ** $P < 0.01$ (paired Student's t -test). Error bars, s.e.m.