



Fig. S11. Ligands-LAG-3 interactions between T cells and tumour cells in the NPC TME. a, Interactions of LAG-3 and its ligands, fibrinogen-like protein 1 (FGL1) and the major histocompatibility complex class II (MHC-II) protein complex, between four subtypes of T cells (CD8T_{dys}, CD8T, Tregs, and CD4T_{conv}) and tumour cells in the TME of NPC. *P*-values are indicated by circle size, with the scale to the right (permutation test). The means of the average expression levels of interacting molecule 1 in cluster 1 and interacting molecule 2 in cluster 2 are indicated by colour. Assays were carried out at the mRNA level but used to extrapolate protein interactions. **b,** tSNE plot of tumour cells, color coded for the expression of *FGL1*. CD8T_{dys}, dysfunctional CD8+ T cell; CD8T, CD8+ T cell; CD4T_{conv}, conventional CD4+ T cell.