



Supplementary Figure 4. Changes in NKG2C cDNA-expressing tumors in response to PD-1 mAb treatment. A) Survival rates of mice following injection with GL261 cells expressing GFP cDNA (upper panel) or KLRC2 cDNA (lower panel). Mice in both panels were treated with either IgG control (GFP, n=12; NKG2C, n=16) or PD-1 monoclonal antibody (mAb) (GFP, n=7; NKG2C, n=9). Statistical significance is indicated by P-values on Kaplan-Meier survival curves. B) Representative hematoxylin and eosin staining of tumor sections. C-E) qRT-PCR analysis of the expression of MHC components (C), NK (D) or immunosuppressive (E) related markers in GFP versus NKG2C cDNA-expressing GL261 tumors treated with PD-1 mAb (n=6). F) Functional enrichment analysis by over-representation analysis (ORA) on input gene list from cluster 3. * $p < 0.05$. Scale: 2.5mm and 100 μm (B).