Supplementary Figure 1: Chemotherapy drives T cell proliferation
Data from the AE17sOVA-bearing mice given two doses of PBS, cisplatin or gemcitabine and i.v. injected with $1 \times 10^7$ CFSE-labeled, OVA-specific, OT-1 CD8$^+$ T cells four days later shown in Fig 3a was also analyzed for the number of divisions responding CD8$^+$ T cells underwent. The data is shown as a division index and is from one experiment with five control mice, and four mice in each chemotherapy group.
Supplementary Figure 2: MHC class II levels decrease during chemotherapy
Tumor-associated CD11c⁺ dendritic cells in mice given two doses of chemotherapy or PBS were examined four days after the second dose for changes to their percentage of total cell (Supp Fig 2a) and MHC class II expression levels (MFI; Supp Fig 2b) using flow cytometry. Pooled data from one experiment with three mice per group is shown as mean ± SEM.
Supplementary Fig 3: Gemcitabine promotes infiltration of tumor-specific T cells
Tumors from the same animals described in Fig 3 were assessed for the proportion of tumor-infiltrating lymphocytes by FACS analysis and gating on FSC and SSC (Supp Fig 3a). Gated lymphocytes were examined for CD8$^+$ T cells (Supp Fig 3b) and data for individual mice shown (Supp Fig 3c). After gating on CD8$^+$ T cells, CFSE$^+$ OT-1 T cells were identified and data for individual mice shown (Supp Fig 3d). All data is from one experiment with five control mice and four mice in each chemotherapy group. * = p < 0.05 comparing treatment groups to untreated controls.
Supplementary Figure 4: Gemcitabine promotes NAIVFKGL-specific CTL responses
Four days after the second dose of chemotherapy or PBS, pooled cells from spleens and DLNs (Supp Fig 4a) were CFSE-labeled and stimulated in vitro with NAIVFKGL (representative plots in Supp Fig 4b, pooled data in Suppl Fig 4c), SIINFEKL (Supp Fig 4d) and KVVRFDKL (data not shown) peptides or Con A (as a positive control) for three days. Samples stained for CD8 and IFNγ were analyzed by flow cytometry. Gating on CD8+ T cells showed CFSE+ proliferative (Supp Fig 4b and c) and IFNγ responses (Supp Fig 4d and e). Pooled data shown as mean ± SEM is from one experiment with three mice per group. *** = p < 0.001.