

1 **Supplementary Data File 1- E0771 top 20 genes presto Cluster markers all cells.**

2 A list of the top 20 highly expressed genes per cell cluster (from n=5 tumor samples) using the presto
3 package in R. A total of 30 clusters are shown(C01-C30), along with the log2FC and p values. A Wilcoxon
4 rank-sum test with FDR correction ($p < 0.05$) was used to filter the differentially expressed genes in each
5 cluster.

7 **Supplementary Data File 2- E0771 T and NK cells top 20 genes presto Cluster markers.**

8 A list of the top 20 highly expressed genes per T and NK cell cluster (from n=5 tumor samples) using the
9 presto package in R. A total of 14 clusters (TNC01-TNC14) are shown, along with the log2FC and p values.
10 A Wilcoxon rank-sum test with FDR correction ($p < 0.05$) was used to filter the differentially expressed
11 genes in each cluster.