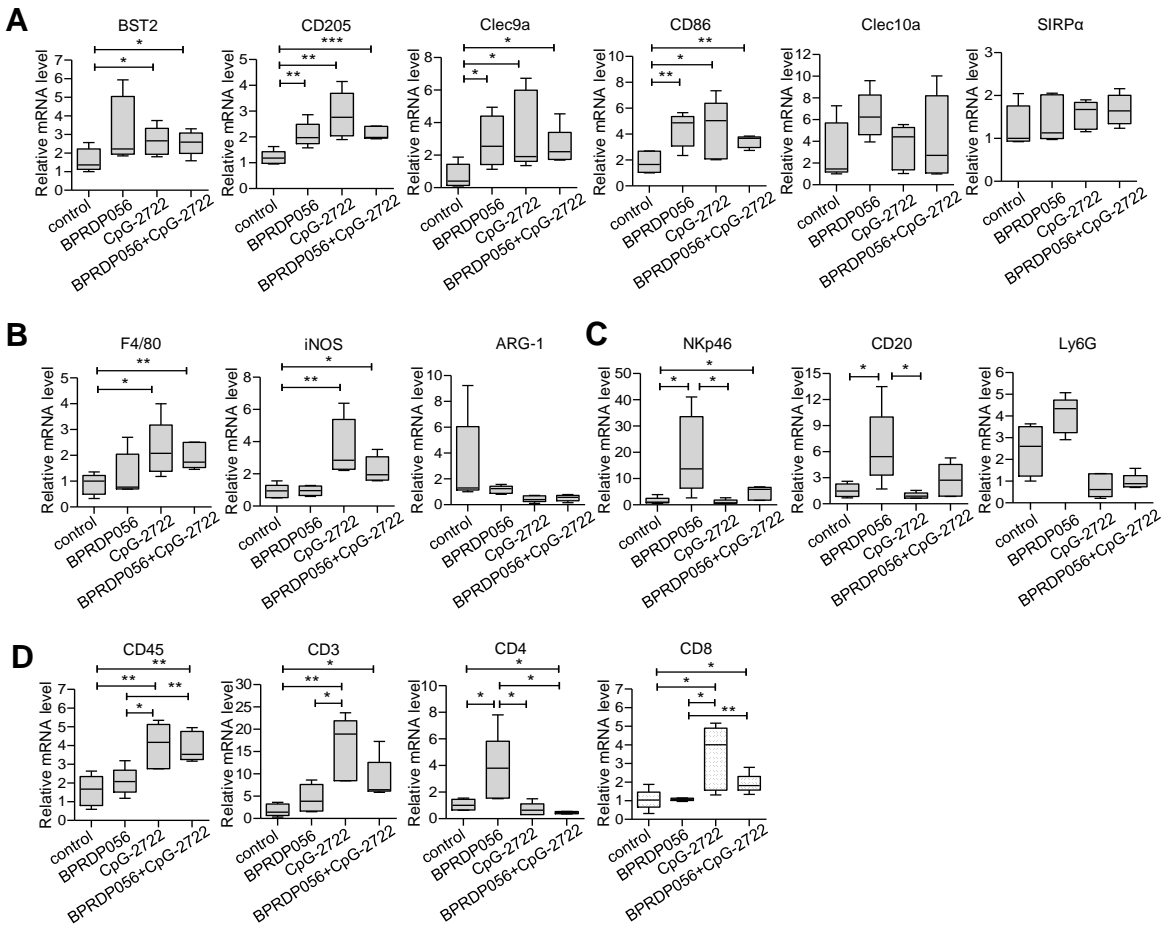


Supplementary Tab. 1 PCR primers for mouse genes used in this study.

Gene	Sequence
β -Actin For	GCTACAGCTTCACCACCACA
β -Actin Rev	AAGGAAGGCTGGAAAAGAGC
GAPDH For	AGAACATCATCCCTGCATCC
GAPDH Rev	CACATTGGGGGTAGGAACAC
ARG-1 For	ACAGGGCTCCTTTCAGGACTA
ARG-1 Rev	AGTCAGTCCCTGGCTTATGGT
BST2 For	CAATCTACTTCGCCGTCACA
BST2 Rev	TCTTCTCCAGGGACTCCTGA
CD3 For	CTGCTACACACCAGCCTCAA
CD3 Rev	ATCAGCAAGCCCAGAGTGAT
CD4 For	CTGATGTGGAAGGCAGAGAAG
CD4 Rev	GAGACCTGGGGTATCTTGAGG
CD8 For	TATGGCTTCATCCCACAACA
CD8 Rev	GACTGGCACGACAGAACTGA
CD20 For	GTCTTCGCACCCATCTGTTT
CD20 Rev	AATGGCAGCAAAGAGGCTTA
CD45 For	TCAGCAAGTTTCCCATCAAAG
CD45 Rev	CCCTTGTGCAGCAATGTATTT
CD86 For	TCAGTGATCGCCAACTTCAG
CD86 Rev	TTAGGTTTTCGGGTGACCTTG
CD205 For	GTTTGTGCTGATCCCCACT
CD205 Rev	CACCCACCACTTCTGTTCT
Clec9a For	CAGTGGGACATTCTACCTCA
Clec9a Rev	AGACCACACAGGAAATCATCG
Clec10a For	GGATCCCAAATTCAGTT
Clec10a Rev	CCCTCTTCTCCACTGTGCTC
F4/80 For	CTCTGTGGTCCCACCTTCAT
F4/80 Rev	GATGGCCAAGGATCTGAAAA
IL-1 β For	AGAGCTTCAGGCAGGCAGTA
IL-1 β Rev	AGGTGCTCATGTCTCATCC
IL-6 For	CCGGAGAGGAGACTTCACAG
IL-6 Rev	TTTCCACGATTTCCAGAGA
IL-12A For	ACGGCCAGAGAAAACTGAA
IL-12A Rev	CTACCAAGGCACAGGGTCAT
IL-12B For	CACGCCTGAAGAAGATGACA
IL-12B Rev	AGTCCCTTTGGTCCAGTGTG
IFN α For	CTGCTGGCTGTGAGGAAATAC
IFN α Rev	AGACAGGGCTCTCCAGACTTC

IFN β For	GCCTTTGCCATCCAAGAGATGC
IFN β Rev	ACACTGTCTGCTGGTGGAGTTC
IFN γ For	CAGCAACAGCAAGGCGAAAAAGG
IFN γ Rev	TTCCGCTTCCTGAGGCTGGAT
iNOS For	GCCCCTGGAAGTTTCTCTTC
iNOS Rev	TTCTGTGCTGTCCCAGTGAG
Ly6G For	TGTGCTCATCCTTCTTGTGG
Ly6G Rev	AGGGGCAGGTAGTTGTGTTG
Nkp46 For	ACTGTGCCTTGGGCTATGTC
NKp46 Rev	CTCGATGGCTTTGGTCTCTC
SIRP α For	AGGTAGCCCACATCACCTTG
SIRP α Rev	GGAGATCCTCGGGGTAGAAC
TNF α For	ACGGCATGGATCTCAAAGAC
TNF α Rev	GTGGGTGAGGAGCACGTAG
Trail For	CCCTGCTTGCAGGTTAAGAG
Trail Rev	GGCCTAAGGTCTTTCCATCC
TrailR2 For	GTCAGAAGGGAAGTCAAGC
TrailR2 Rev	GCATCGACACACCGTATTTG

Supplementary Fig 1



Supplementary Fig. 1 RT-qPCR analysis for the CpG-2722 or BPRDP056 alone and in combination promoted accumulation of immune cells in head and neck tumors. Tumor-bearing mice treated with CpG-2722 or BPRDP056 alone or in combination in the experiment in Fig. 5 were euthanized at the end point to collect tumor samples. Total RNA samples were isolated from the tumors with Trizol reagent. Expressions of markers for **a** different subsets of dendritic cells, **b** different subsets of macrophages, **c** natural killer cells, B cells, and neutrophils, and **(D)** different subsets of T cells were analyzed by RT-qPCR. The expression level of β -actin was used as a loading control. Data represent the mean \pm SEM ($n = 5$). *, **, and *** represent statistically significant differences; $p < 0.05$, $p < 0.01$, and $p < 0.001$, respectively, compared with the control or as indicated.