

Supplementary information Table S2.

sgRNA-HS3ST1#1	5'-GGGCGACGTGAAATACGCAGGGGG-3'
sgRNA-HS3ST1#2	5'-CGCCATCGCGGACGTCATCCTGG-3'
sgRNA-PDCD1#1	5'-TGTAGCACCGCCCAGACGACTGG-3'
sgRNA-PDCD1#2	5'-CACCGCCCAGACGACTGGCCAGG-3'

Supplementary information Table S2. sgRNA sequences used in Fig. 4d and Fig. 4f