

To verify that the long-range interaction also forms in live transmissible gastroenteritis virus (TGEV), we infected ST cells with TGEV (two biological replicates) and performed DMS-MaPseq (two technical replicates per biological replicate). The DMS reactivities were highly reproducible over the whole TGEV genome ($r = 0.96-0.97$, SFIG). As expected, they differed from those of the 1.8 kb segment *in vitro* ($r = 0.82$, SFIG), showing why it is necessary to verify the long-range interaction in TGEV-infected cells.