

Figure S1. Host protein β -TrCP associates with Influenza A virus NS1 protein

293T cells were transfected with Flag- β -TrCP and HA-NS1(PR8) for 48 hours and then immunoprecipitated with anti-Flag (A) and anti HA (B), then immunoblotted with anti-Flag and anti-HA antibodies. 293T cells were transfected Flag- β -TrCP with HA-NS1 of PR8 and maCa04, the cell lysates were immunoprecipitated with anti-HA and immunoblotted with anti-Flag and anti-HA (C).

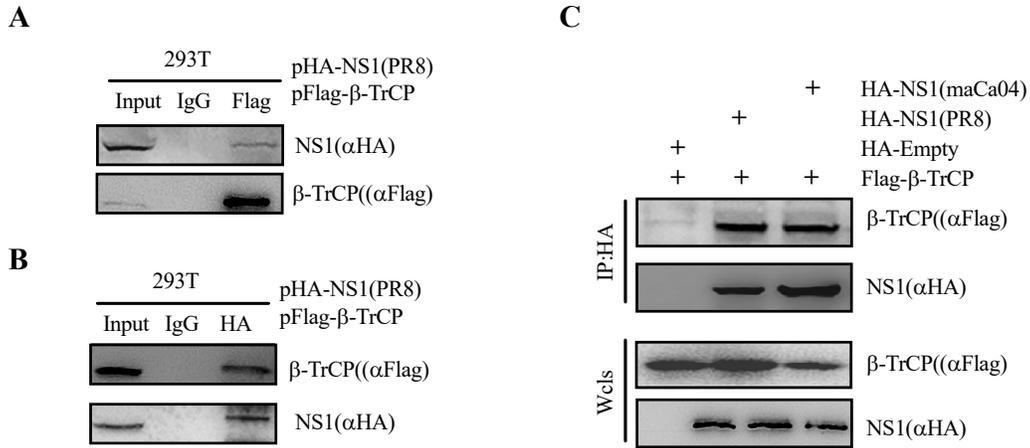


Figure S2. β -TrCP affects Influenza A virus replication. The effect of β -TrCP knock-down or overexpress on PR8 replication in 293T and A549 cells. Briefly, cells were transfected with β -TrCP small interfering RNA (si β -TrCP) or pFlag- β -TrCP eukaryotic plasmid for 48 hours and then followed by PR8 virus infection with a dose of 1 m.o.i for 12 hours, and the cellular lysates were harvested and immunoblotted with PB2, PA, HA, NS1 and β -TrCP (A and C) or and Flag (B and D) antibodies, and β -actin as a loading control.

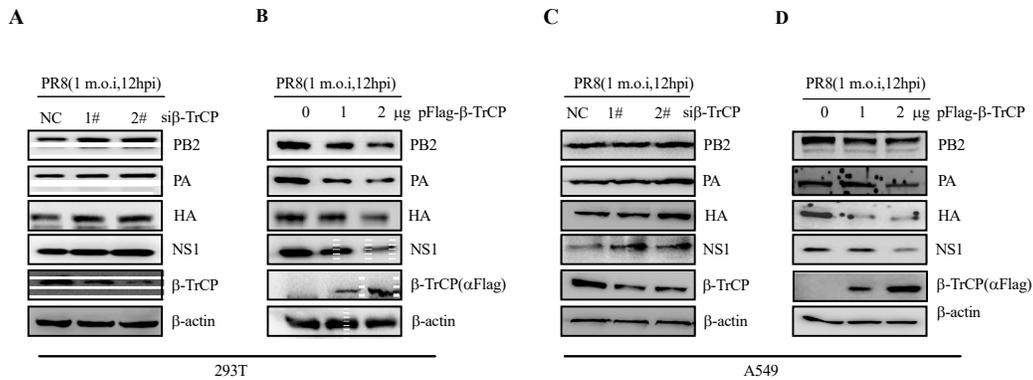


Figure S3. NS1 interaction with cellular β -TrCP. 293T cells were infected with PR8 virus at 1 m.o.i for 12 hours, then the cell lysates were harvested and immunoprecipitated with anti- β -TrCP and immunoblotted with anti- β -TrCP and NS1.

