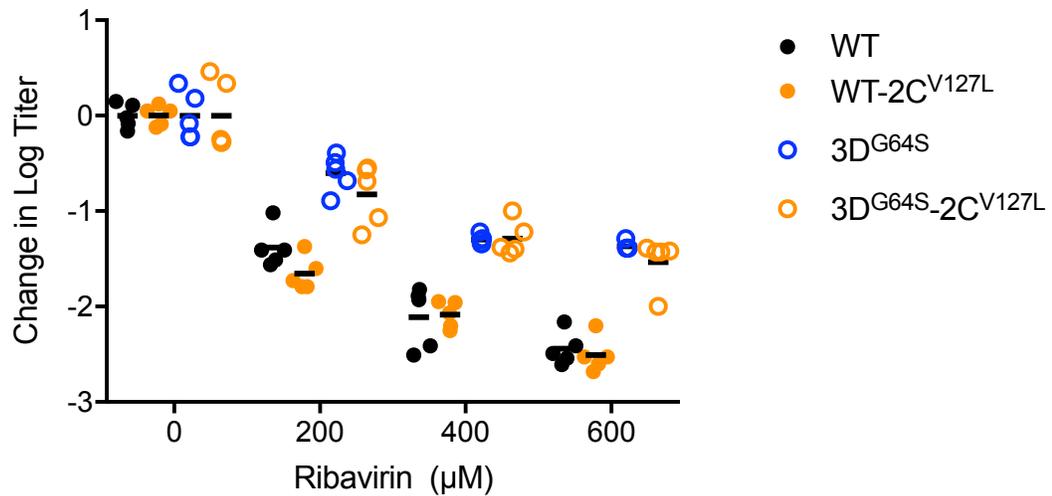


Figure S3



S3 Figure. Mutagen sensitivity of 2C-V127L variants. HeLa were infected at an MOI of 0.1 with the indicated viruses in presence of various concentrations of ribavirin. After 24 hours, titers of mock and ribavirin-treated populations were determined by TCID<sub>50</sub> and those of ribavirin-treated populations were normalized to mock-treated controls (mean of 5 measurements per virus). Shown are the changes in titer (y-axis, mean, 5 replicates) for each virus at each drug concentration (x-axis). A greater reduction in titer (more negative number) indicates higher mutagen sensitivity and suggests a higher baseline mutation rate. The differences between G64S and G64S-V127L ( $p=0.2204$ ) and WT and V127L at 200μM ribavirin ( $p=0.0590$ ) were not significantly different (two sample t test with Welch correction). WT and G64S (which have a 2 fold difference in mutation rate by fluctuation test) did exhibit a statistically significant difference in mutagen sensitivity at 200μM ribavirin ( $p=0.0003$ ). All plotted data can be found in SI, S1 Data.