

wt	100%
S11A	20%
N43A	15%
K46A	100%
D50A	35%
R51A	12%
K58A	0%
K72A	12%
R75A	4%
K82A	1%
S85A	3%
D99A	20%
D161A	30%
R190A	20%
Q198A	39%

Supplementary Figure 3. Wt and mutant nsp8 polymerase specific activities. Activity was assayed using a poly (rC) template to monitor the incorporation of [³H]GMP into RNA. RNA synthesis was quantitated using the filter paper binding assay (see “Material and methods”). Each mutant was assayed three time independently, and the observed standard deviation was < 20% (see “Material and methods”).