

Table S1. Percent inhibition response by six drugs (serial 1:10 dilutions) against FIPV in CRFK cells

| Drug (μM) | GS441524 | | | Teriflunomide | | | Ruxolitinib | | | Molnupiravir | | | Ritonavir | | | Nirmatrelvir | | |
|---------------------------|--------------------|--------------|-----|--------------------|--------------|-----|--------------------|--------------|-----|--------------------|--------------|-----|--------------------|--------------|-----|--------------------|--------------|-----|
| | Copy number | % inhibition | CPE | Copy number | % inhibition | CPE | Copy number | % inhibition | CPE | Copy number | % inhibition | CPE | Copy number | % inhibition | CPE | Copy number | % inhibition | CPE |
| 0.00 | 4.36×10^6 | 0.00 | Yes | 4.36×10^6 | 0.00 | Yes | 4.36×10^6 | 0.00 | Yes | 4.36×10^6 | 0.00 | Yes | 8.06×10^6 | 0.00 | Yes | 8.06×10^6 | 0.00 | Yes |
| 0.05 | 2.52×10^6 | 42.18 | Yes | 4.32×10^6 | 0.92 | Yes | 7.00×10^6 | 0.00 | Yes | 2.18×10^6 | 49.88 | Yes | 6.82×10^6 | 15.40 | Yes | 8.04×10^6 | 0.29 | Yes |
| 0.50 | 6.62×10^5 | 84.82 | Yes | 3.65×10^6 | 16.37 | Yes | 1.47×10^6 | 66.37 | Yes | 2.47×10^6 | 43.37 | Yes | 8.73×10^6 | 0.00 | Yes | 8.79×10^6 | 0.00 | Yes |
| 5.00 | 2.67×10^5 | 93.89 | No | 2.72×10^6 | 37.67 | Yes | 3.38×10^6 | 22.54 | Yes | 1.52×10^6 | 65.16 | Yes | 6.91×10^6 | 14.28 | Yes | 1.58×10^6 | 80.38 | No |
| 50.00 | 1.34×10^4 | 99.69 | No | 7.62×10^5 | 82.52 | Yes | 3.62×10^6 | 16.92 | Yes | 1.14×10^6 | 73.83 | Yes | 2.81×10^4 | 99.65 | Yes | 3.18×10^4 | 99.61 | No |
| 500.00 | 1.37×10^4 | 99.69 | Yes | 3.27×10^4 | 99.25 | Yes | 4.51×10^4 | 98.97 | Yes | 1.71×10^5 | 96.07 | Yes | 3.38×10^4 | 99.58 | Yes | 2.38×10^4 | 99.70 | Yes |