

**Table S2. Percent inhibition response by six drugs (1:2 dilutions) against FIPV in CRFK cells**

Drug ( $\mu$ M)	GS441524			Teriflunomide			Ruxolitinib			Molnupiravir			Ritonavir			Nirmatrelvir		
	Copy number	% inhibition	CPE	Copy number	% inhibition	CP E	Copy number	% inhibition	CP E	Copy number	% inhibition	CPE	Copy number	% inhibition	CP E	Copy number	% inhibition	CPE
<b>0.00</b>	$3.36 \times 10^6$	0.00	Yes	$3.36 \times 10^6$	0.00	Yes	$3.36 \times 10^6$	0.00	Yes	$3.36 \times 10^6$	0.00	Yes	$3.36 \times 10^6$	0.00	Yes	$3.36 \times 10^6$	0.00	Yes
<b>0.98</b>	$2.60 \times 10^6$	22.50	Yes	$2.27 \times 10^6$	32.27	Yes	$3.48 \times 10^6$	0.00	Yes	$3.47 \times 10^6$	0.00	Yes	$4.33 \times 10^6$	0.00	Yes	$2.93 \times 10^6$	12.74	Yes
<b>1.95</b>	$1.23 \times 10^6$	63.34	Yes	$1.66 \times 10^6$	50.67	Yes	$2.13 \times 10^6$	36.66	Yes	$2.63 \times 10^6$	21.61	Yes	$4.60 \times 10^6$	0.00	Yes	$2.02 \times 10^6$	39.94	Yes
<b>3.90</b>	$4.08 \times 10^5$	87.84	Yes	$2.02 \times 10^6$	39.87	Yes	$2.58 \times 10^6$	23.25	Yes	$2.07 \times 10^6$	38.30	Yes	$3.20 \times 10^6$	4.62	Yes	$1.05 \times 10^6$	68.83	Yes
<b>7.80</b>	$5.87 \times 10^4$	98.25	No	$1.32 \times 10^6$	60.58	Yes	$4.52 \times 10^6$	0.00	Yes	$2.06 \times 10^6$	38.52	Yes	$2.90 \times 10^6$	13.64	Yes	$5.62 \times 10^4$	98.33	No
<b>15.65</b>	$3.93 \times 10^4$	98.83	No	$1.50 \times 10^6$	55.29	Yes	$6.17 \times 10^6$	0.00	Yes	$1.01 \times 10^6$	69.84	Yes	$2.57 \times 10^6$	23.55	Yes	$3.72 \times 10^4$	98.89	No
<b>31.25</b>	$3.92 \times 10^4$	98.83	No	$1.17 \times 10^6$	65.14	Yes	$4.55 \times 10^6$	0.00	Yes	$7.89 \times 10^5$	76.48	Yes	$7.39 \times 10^5$	77.99	Yes	$2.78 \times 10^4$	99.17	No
<b>62.50</b>	$4.13 \times 10^4$	98.77	No	$1.29 \times 10^6$	61.70	Yes	$1.48 \times 10^6$	56.04	Yes	$5.83 \times 10^5$	82.63	Yes	$5.61 \times 10^4$	98.33	Yes	$3.70 \times 10^4$	98.90	No
<b>125</b>	$3.34 \times 10^4$	99.00	No	$5.12 \times 10^5$	84.73	Yes	$1.99 \times 10^6$	40.83	Yes	$1.89 \times 10^5$	94.38	Yes	$5.60 \times 10^4$	98.33	HT	$3.24 \times 10^4$	99.04	No
<b>250</b>	$6.32 \times 10^4$	98.12	Yes	$3.33 \times 10^5$	90.09	Yes	$2.40 \times 10^6$	28.61	Yes	$6.08 \times 10^4$	98.19	Yes	$5.61 \times 10^4$	98.33	HT	$3.38 \times 10^4$	98.99	Yes