

Table S1

a: uninfected control

| Treatment | Weeks Post Infection | Uninfected Control | |
|-----------|----------------------|--------------------|------|
| | | J410 | J411 |
| -4 | 4 | 0 | 0 |
| -3 | 5 | 0 | 0 |
| 1 | 8 | 0 | 0 |
| 2 | 9 | 0 | 0 |
| 3 | 10 | 0 | 0 |
| 4 | 11 | 0 | 0 |
| 5 | 12 | 0 | 0 |
| +1 | 13 | 0 | 0 |
| +2 | 14 | 0 | 0 |
| +3 | 15 | 0 | 0 |
| +4 | 16 | 0 | 0 |

Table S1b

| | | Non-treated | | | | | | |
|-----------|----------------------|-------------|--------|---------|--------|--------|--------|--------|
| Treatment | Weeks Post Infection | J377 | J378 | J379 | J380 | J381 | J389 | J390 |
| -4 | 4 | 47100 | 195000 | 313000 | 24000 | 99100 | 41100 | 27400 |
| -3 | 5 | 211000 | 42200 | 143000 | 486000 | 291000 | 143000 | 211000 |
| 1 | 8 | 115000 | 289000 | 188000 | 139000 | 23500 | 177000 | 139000 |
| 2 | 9 | 81200 | 245000 | 70800 | 50100 | 107000 | 66100 | 50100 |
| 3 | 10 | 70800 | 151000 | 17800 | 115000 | 50100 | 87000 | 66100 |
| 4 | 11 | 555000 | 166000 | 1610000 | 16000 | 0 | | 2910 |
| 5 | 12 | 66100 | 76200 | | 40200 | 254000 | 555000 | 19800 |
| +1 | 13 | 36800 | 26000 | 23200 | 1650 | 987 | 58200 | 13100 |
| +2 | 14 | 27600 | 51900 | 8750 | 41200 | 20700 | 32800 | 26000 |
| +3 | 15 | 66400 | 154000 | 61900 | 190000 | 28700 | 134000 | 66400 |
| +4 | 16 | 4010 | 8010 | 4680 | 109000 | 17300 | 40300 | 18700 |

Table S1c

| Naked siRNA (cocktail) | | | | | | |
|------------------------|----------------------|--------|--------|--------|--------|--------|
| Treatment | Weeks Post Infection | J431 | J432 | J433 | J434 | J435 |
| -4 | 4 | 16000 | 25600 | 18300 | 5790 | 130000 |
| -3 | 5 | 75200 | 211000 | 486000 | 163000 | 37100 |
| 1 | 8 | | 12300 | 7520 | 7990 | 27200 |
| 2 | 9 | 35500 | 4500 | 35500 | 27000 | 7800 |
| 3 | 10 | 107000 | 40800 | 43700 | 14500 | 6350 |
| 4 | 11 | 35500 | 4500 | 35500 | 27000 | 7800 |
| 5 | 12 | 4790 | 2190 | 21200 | 3610 | 19800 |
| +1 | 13 | 9810 | 3110 | 13100 | 932 | 2080 |
| +2 | 14 | 38900 | 17400 | 18500 | 7360 | 3700 |
| +3 | 15 | 134000 | 143000 | 35400 | 76400 | 37900 |
| +4 | 16 | 218000 | 12700 | 4330 | 37300 | 504 |

Table S1d

| G5 (mutant) | | | | |
|-------------|----------------------|----------|----------|----------|
| Treatment | Weeks Post Infection | J461 | J462 | J465 |
| -4 | 4 | 129816.4 | 80874.16 | 312614.3 |
| -3 | 5 | 42162.87 | 70553.52 | 51141.78 |
| 1 | 8 | 1127.457 | 1060.519 | 3607.036 |
| 2 | 9 | 2591.553 | 1836.323 | 11013.53 |
| 3 | 10 | 13542.32 | 2591.553 | 6799.406 |
| 4 | 11 | 254344.3 | 639609.6 | 849461.3 |
| 5 | 12 | 236927.2 | 76155.38 | 337793 |
| +1 | 13 | 2774.18 | 1106.96 | 3915.26 |
| +2 | 14 | 6952.438 | 1752.401 | 12345.64 |
| +3 | 15 | 133664.4 | 57727.79 | 153740.2 |
| +4 | 16 | 218332.7 | 739.8759 | 160549 |

Table S1e

| | | G5 (tat/rev) | | | | | |
|-----------|----------------------|--------------|--------|-------|---------|--------|--------|
| Treatment | Weeks Post Infection | J427 | J428 | J450 | J451 | J452 | J453 |
| -4 | 4 | 121000 | 44000 | 70600 | 44000 | 121000 | 139000 |
| -3 | 5 | 198000 | 926000 | 91300 | 3350000 | 291000 | 54500 |
| 1 | 8 | 2210 | 0 | 2500 | 1130 | 4080 | 0 |
| 2 | 9 | 9600 | 3920 | 2260 | 0 | 4200 | 0 |
| 3 | 10 | 11000 | 6800 | 0 | 0 | 9600 | 0 |
| 4 | 11 | 3610 | 2710 | 2530 | 0 | 9070 | 0 |
| 5 | 12 | 13900 | 1160 | 1160 | 4160 | 3360 | 0 |
| +1 | 13 | 880 | 1050 | 0 | 1970 | 3920 | 0 |
| +2 | 14 | 5850 | 3920 | 1650 | 1050 | 1860 | 1650 |
| +3 | 15 | 12400 | 8140 | 4990 | 4040 | 4040 | 33000 |
| +4 | 16 | 4330 | 400 | 2730 | 10100 | 1720 | 16000 |

Table S1f

| G5 (cocktail) | | | | | | | |
|---------------|----------------------|----------|----------|----------|----------|----------|----------|
| Treatment | Weeks Post Infection | J374 | J376 | J397 | J398 | J400 | J401 |
| -4 | 4 | 41134.88 | 255228.4 | 23951.38 | 14921.45 | 7589.469 | 86530.59 |
| -3 | 5 | 197558.6 | 224694.8 | 210690.3 | 162873.4 | 37070.89 | 210690.3 |
| 1 | 8 | 7993.028 | 0 | 2210.536 | 3001.965 | 2079.294 | 0 |
| 2 | 9 | 5924.157 | 0 | 2257.958 | 0 | 0 | 0 |
| 3 | 10 | 7284.39 | 0 | 1836.323 | 0 | 2107.626 | 0 |
| 4 | 11 | 0 | 0 | 4460.82 | 1433.839 | 1773.87 | 0 |
| 5 | 12 | 7329.337 | 0 | 7329.337 | 12042.45 | 5924.385 | 0 |
| +1 | 13 | 1106.96 | 0 | 4146.658 | 1172.384 | 12345.64 | 0 |
| +2 | 14 | 2938.139 | 1315.059 | 1315.059 | 1475.097 | 1965.661 | 2335.187 |
| +3 | 15 | 1147.557 | 930.2866 | 3515.19 | 4043.157 | 4987.448 | 6598.146 |
| +4 | 16 | 343.0682 | 233.6099 | 739.8759 | 1173.345 | 3441.245 | 9346.037 |