

## Supplementary Materials

Table S3.

Days post infection	Genotype	Virus-Host Phenotype			
		Null	Chromosome-associated	Chromosome-associated / Telomere-integrated	Telomere-integrated only
1	6 <sub>3</sub>	<b>36.0</b> ± 1.0	<b>37.1</b> ± 5.9	<b>25.7</b> ± 8.2	<b>1.1</b> ± 0.6
1	7 <sub>2</sub>	<b>28.3</b> ± 4.6	<b>55.6</b> ± 2.5	<b>15.0</b> ± 6.1	<b>1.1</b> ± 0.6
4	6 <sub>3</sub>	<b>53.7</b> ± 13.9	<b>32.6</b> ± 14.2	<b>8.0</b> ± 3.5	<b>5.7</b> ± 4.0
4	7 <sub>2</sub>	<b>23.9</b> ± 2.3	<b>58.7</b> ± 6.7	<b>15.5</b> ± 3.5	<b>1.9</b> ± 0.0
7	6 <sub>3</sub>	<b>52.8**</b> ± 8.5	<b>38.0</b> ± 1.5	<b>7.9*</b> ± 3.5	<b>1.2*</b> ± 1.2
7	7 <sub>2</sub>	<b>16.1**</b> ± 2.7	<b>33.9</b> ± 3.6	<b>39.8*</b> ± 6.7	<b>10.2†*</b> ± 1.2
14	6 <sub>3</sub>	<b>37.8*</b> ± 8.0	<b>30.0</b> ± 6.1	<b>14.4</b> ± 4.9	<b>17.8**</b> ± 5.1
14	7 <sub>2</sub>	<b>10.6*</b> ± 1.5	<b>6.7</b> ± 3.6	<b>20.6</b> ± 1.5	<b>62.2**</b> ± 5.9
21	6 <sub>3</sub>	<b>51.9*</b> ± 4.4	<b>14.5</b> ± 1.5	<b>18.4</b> ± 3.6	<b>15.1*</b> ± 2.7
21	7 <sub>2</sub>	<b>16.2*</b> ± 6.4	<b>15.6</b> ± 4.5	<b>23.5</b> ± 4.4	<b>44.7*</b> ± 7.5

**Supplementary Table 3. Viral-host cytogenomic interactions for oncogenic MDV in unvaccinated and challenged disease resistant versus susceptible birds.** The mean percentages, in bold font, ± standard deviation of mitotically-dividing cells with given virus-host phenotypes from 3 samples per bird genotype (6<sub>3</sub>; MD-resistant, 7<sub>2</sub>; MD-susceptible) between 24 hours and 21 days post-infection. The samples represent the replicating cell population in the spleens of individual birds *challenged with oncogenic MDV (Md5) alone at 4 days post-hatch*. The values that were statistically-significant within a viral phenotype and within a timepoint as compared to the other genotype are indicated with a "\*" (p ≤ 0.05) or "\*\*\*" (p ≤ 0.01) symbol. The values that were found to be statistically-significant within a virus-host phenotype for a genotype across timepoints are indicated with a "†" (p ≤ 0.05) or "‡" (p ≤ 0.01) symbol.