

**Table S2. Comet inhibition assay scores<sup>§</sup>**

Vaccinated Groups	1 month post-vaccination		6 months post-vaccination	
	Vaccine/Vehicle	Vaccine/ST-246	Vaccine/Vehicle	Vaccine/ST-246
N.D._BALB/c (A)	++	++	(B) +++++	+++++
CD8 <sup>-</sup> _BALB/c (C)	++	++	(D) +++	+++
CD4 <sup>-</sup> _BALB/c (E)	-	-	(F) +	+
CD8 <sup>-</sup> CD4 <sup>-</sup> _BALB/c (G)	-	-	(H) +++	+++
All JH-KO Groups <sup>‡</sup> (I)	-	-	(I) -	-
<u>Controls</u>				
Naïve_BALB/c (K)	-			
Naïve_JH-KO (L)	-			
No Plasma (M)	-			
Methylcellulose (N)	++++			

<sup>§</sup> For data shown in Figure 3.

<sup>‡</sup> Includes N.D./JH-KO, CD8<sup>-</sup>/JH-KO, CD4<sup>-</sup>/JH-KO, and CD8<sup>-</sup>CD4<sup>-</sup>/JH-KO mice.

- No comet tail inhibition

+ to +++++ Low to high levels of comet tail inhibition