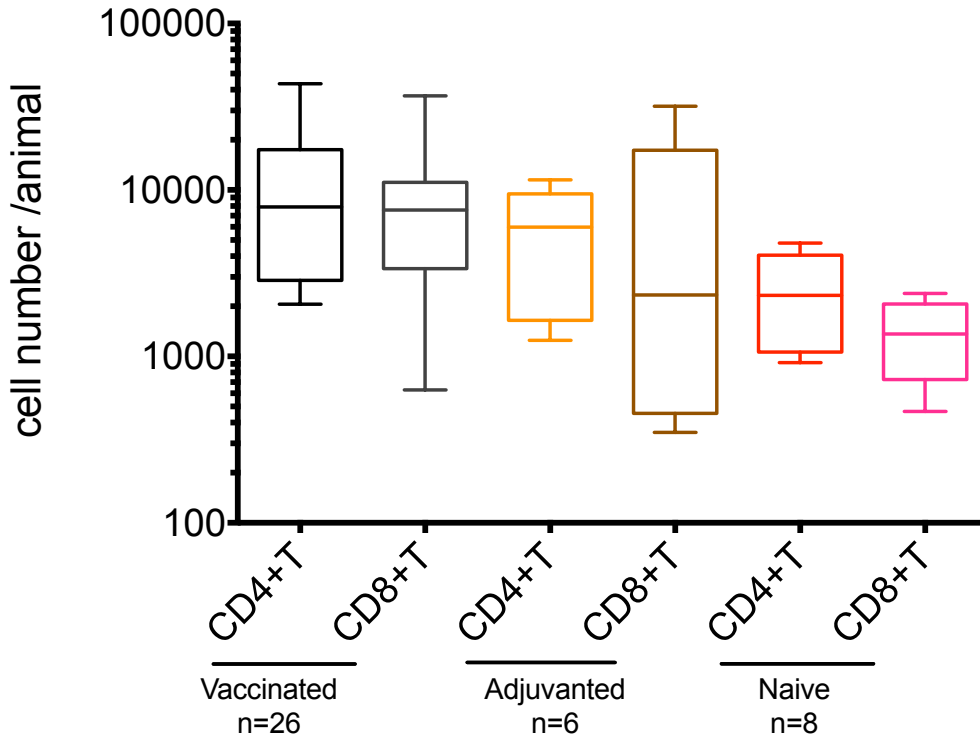
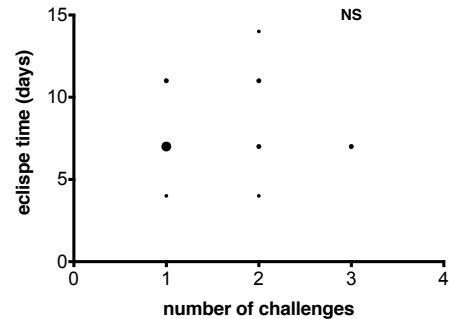


## T cell number /animal in colorectal tissues



**Supplementary Fig. 1** The total CD4+ and CD8+ T cell numbers in the colorectal tissues per animal analyzed by FACS. 7 weeks before the first viral challenge, an open laparotomy was performed on each of the vaccinated and adjuvanted animals to obtain a colorectal wedge. For the naïve animals, 10 rectal pinches were collected. These tissues were processed to obtain colorectal intraepithelial lymphocytes (IEL). Flow cytometric analysis of viral target cells were performed using colorectal IEL.



Eclipse time	# of animals after Challenge 1	# of animals after Challenge 2	# of animals after Challenge 3
Day 4	3	3	0
Day 7	18	4	4
Day 11	5	1	0
Day 14	0	2	0

**Supplementary Fig. 2** There is no association of number of challenge with the distribution of the eclipse time. In the left figure, the area of the dots approximates the frequency in the table.