

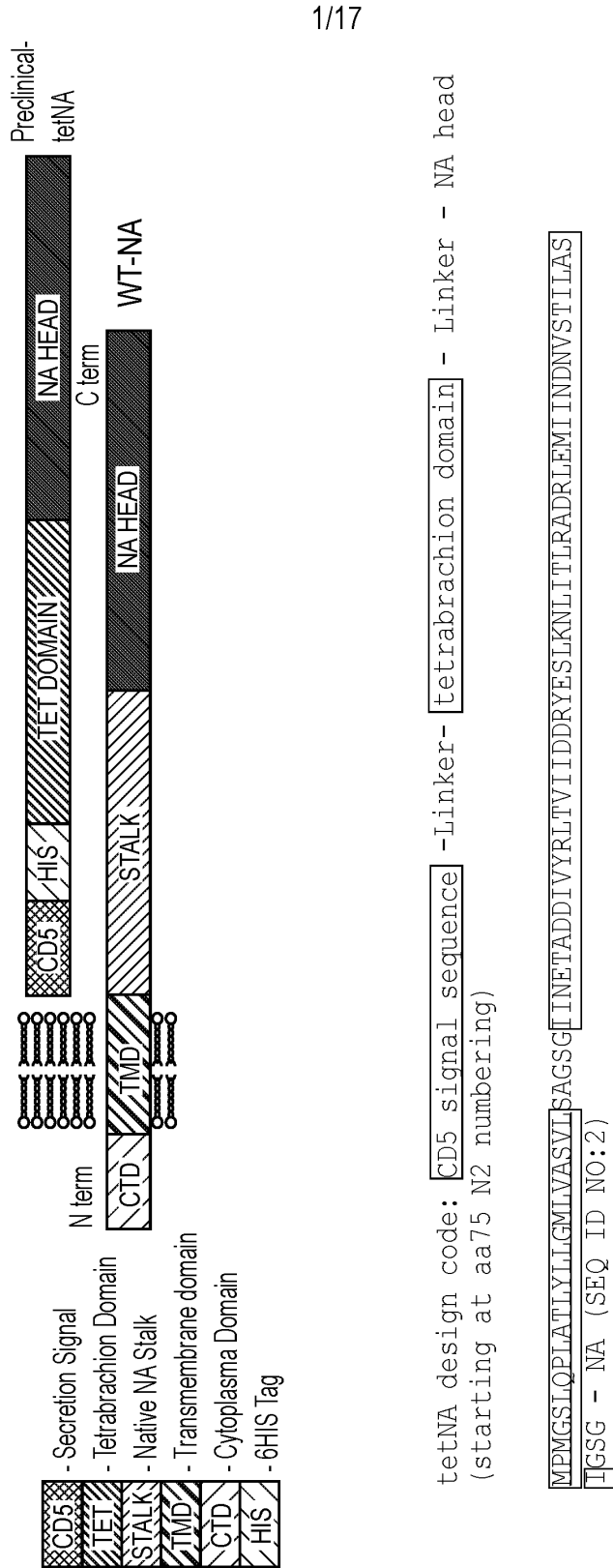


FIG. 1

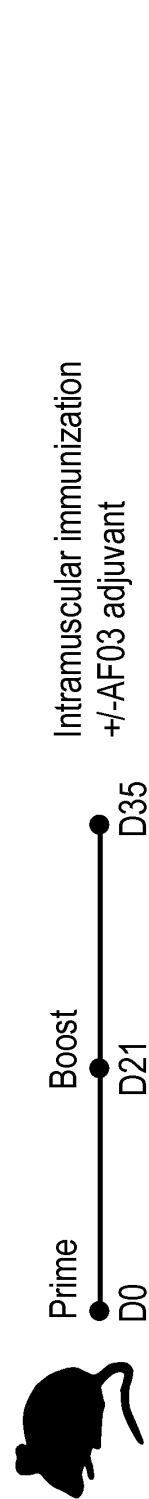


FIG. 2A

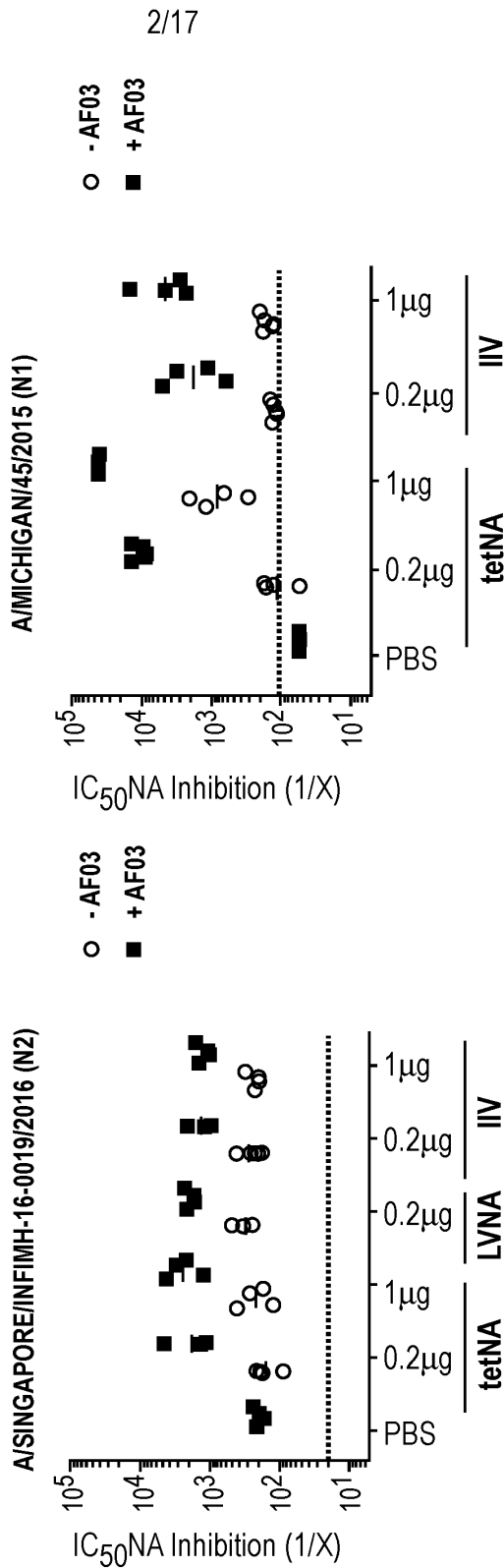


FIG. 2C

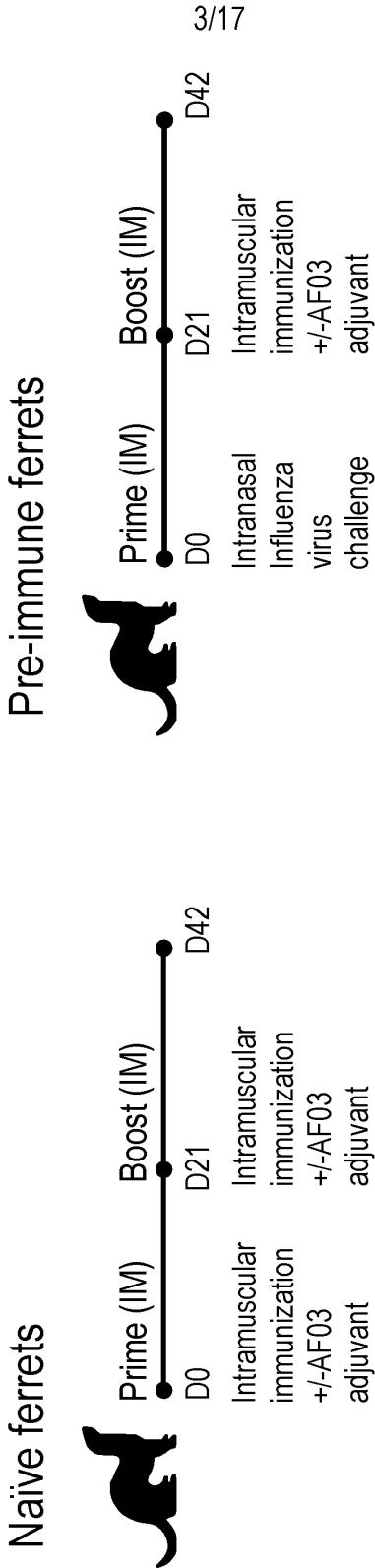


FIG. 3A

FIG. 3B

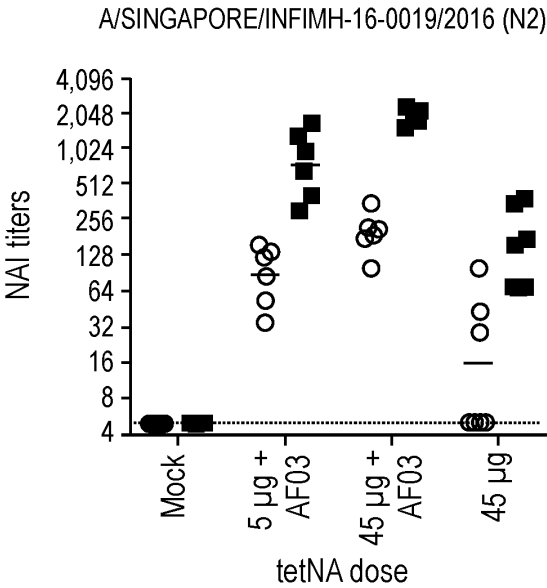


FIG. 3C

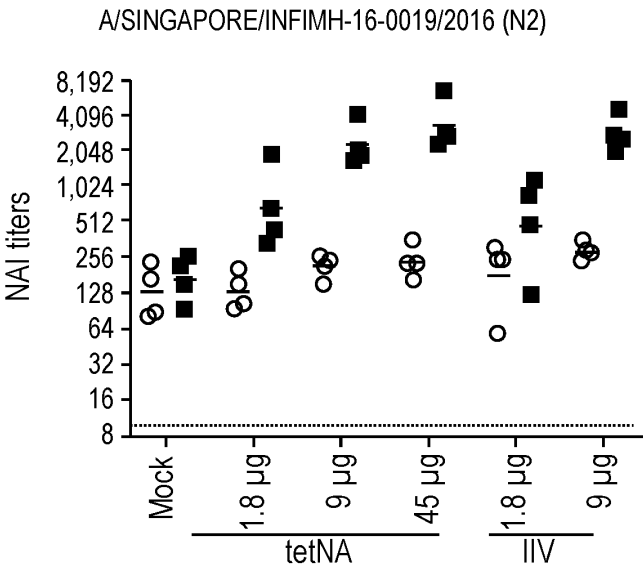


FIG. 3D

5/17

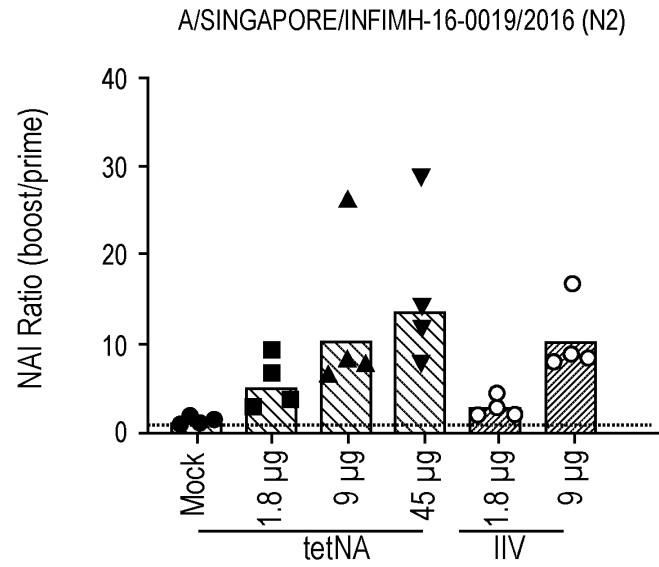


FIG. 3E

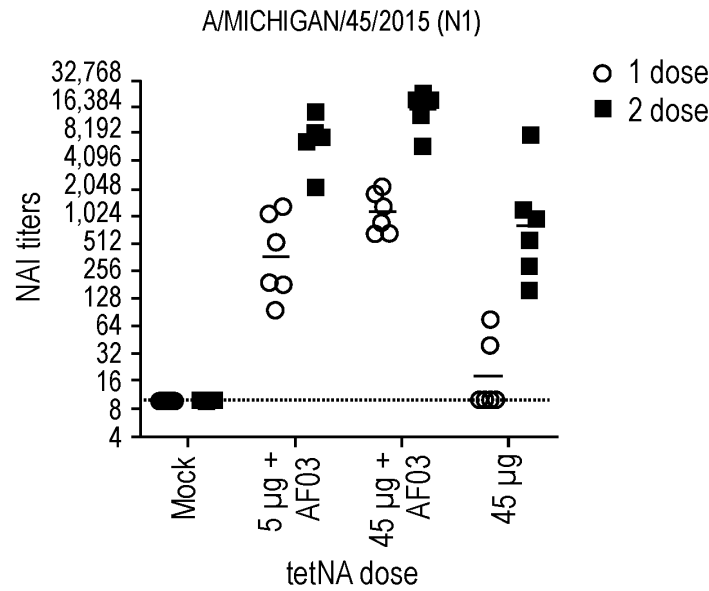


FIG. 3F

6/17

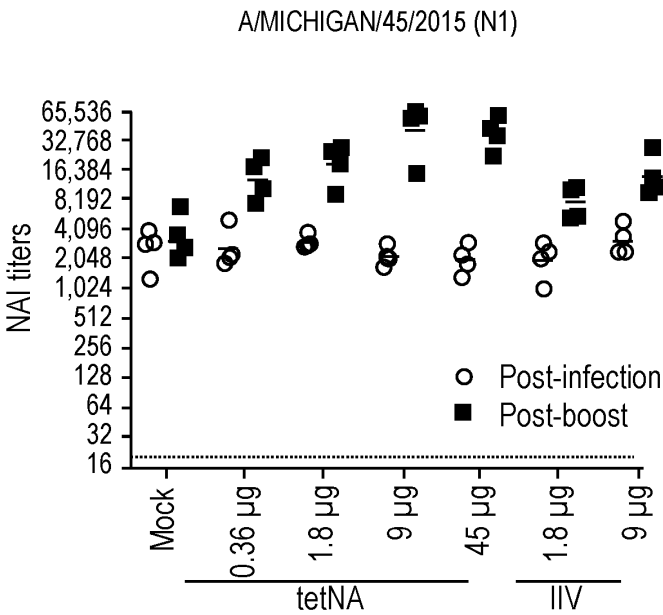


FIG. 3G

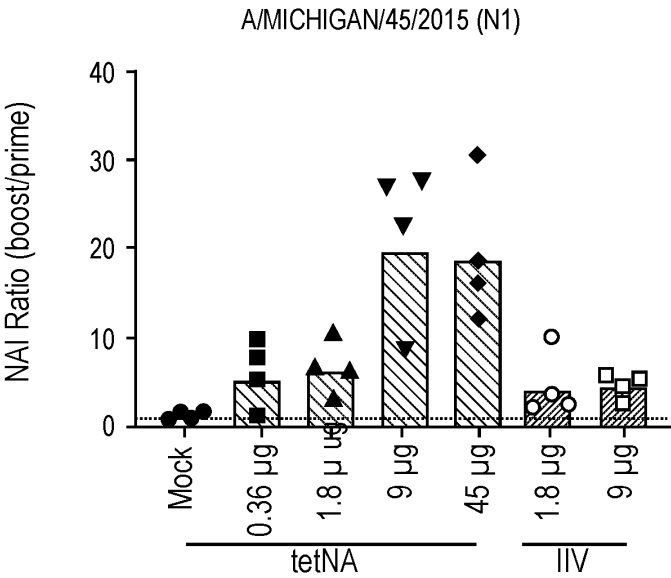


FIG. 3H

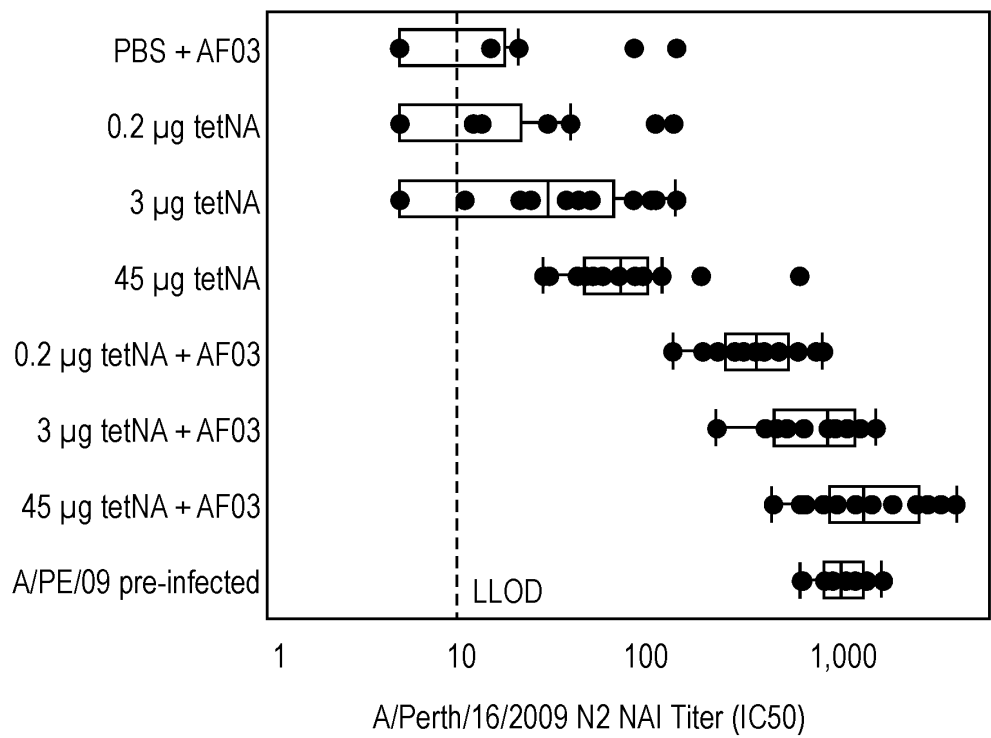


FIG. 4

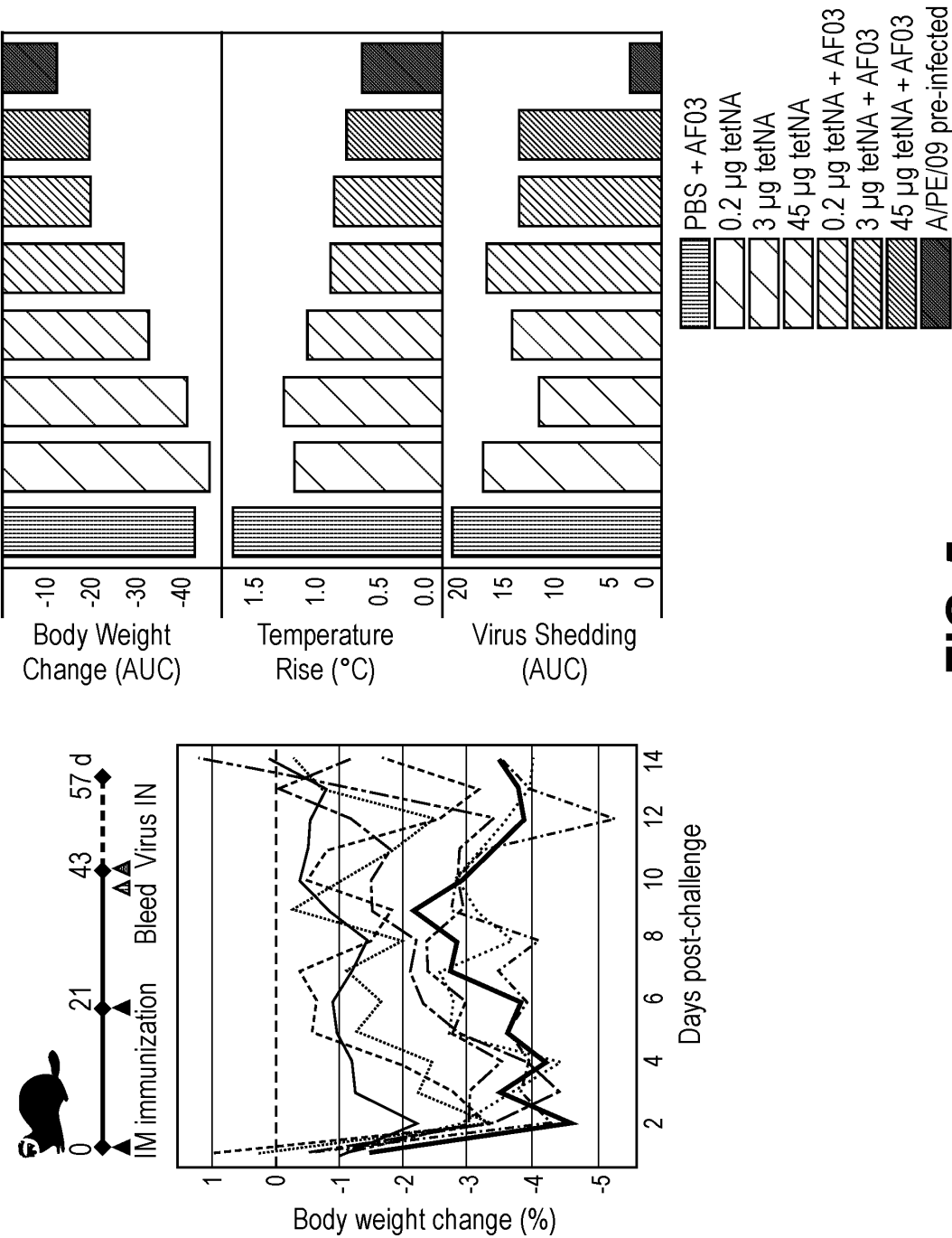
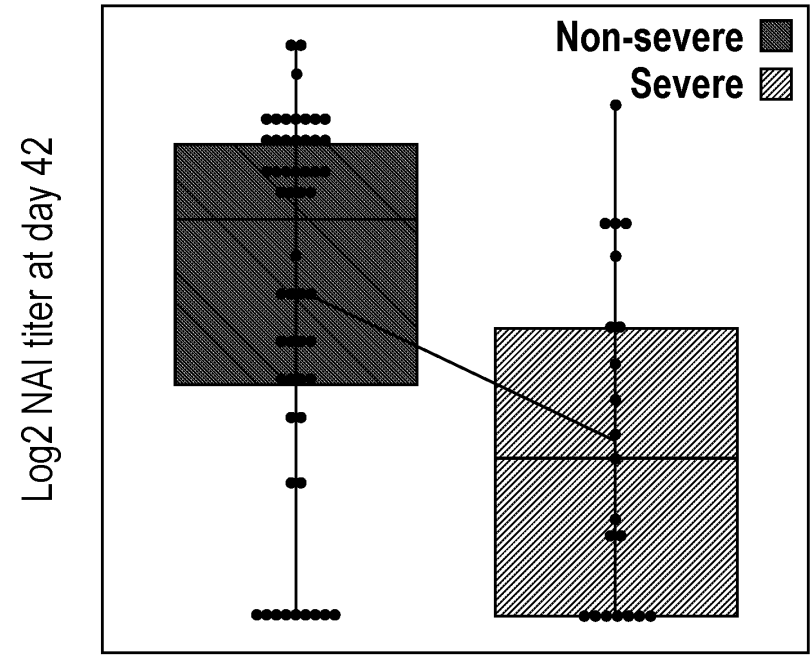


FIG. 5



Flu severity	Severe	Non-severe	Pvalue
N	21	55	
Mean $\pm$ std	5.2 $\pm$ 2.80	7.7 $\pm$ 3.00	0.0014
Range	2.3-10.8	2.3-11.9	

FIG. 6A

10/17

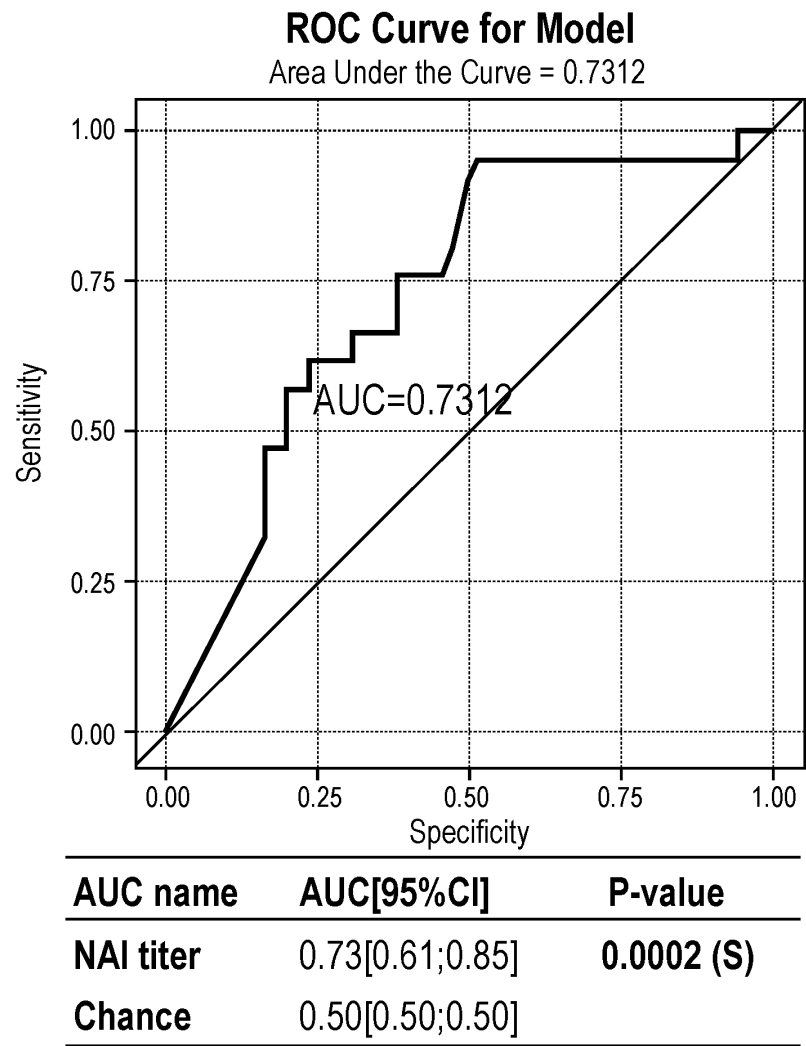


FIG. 6B

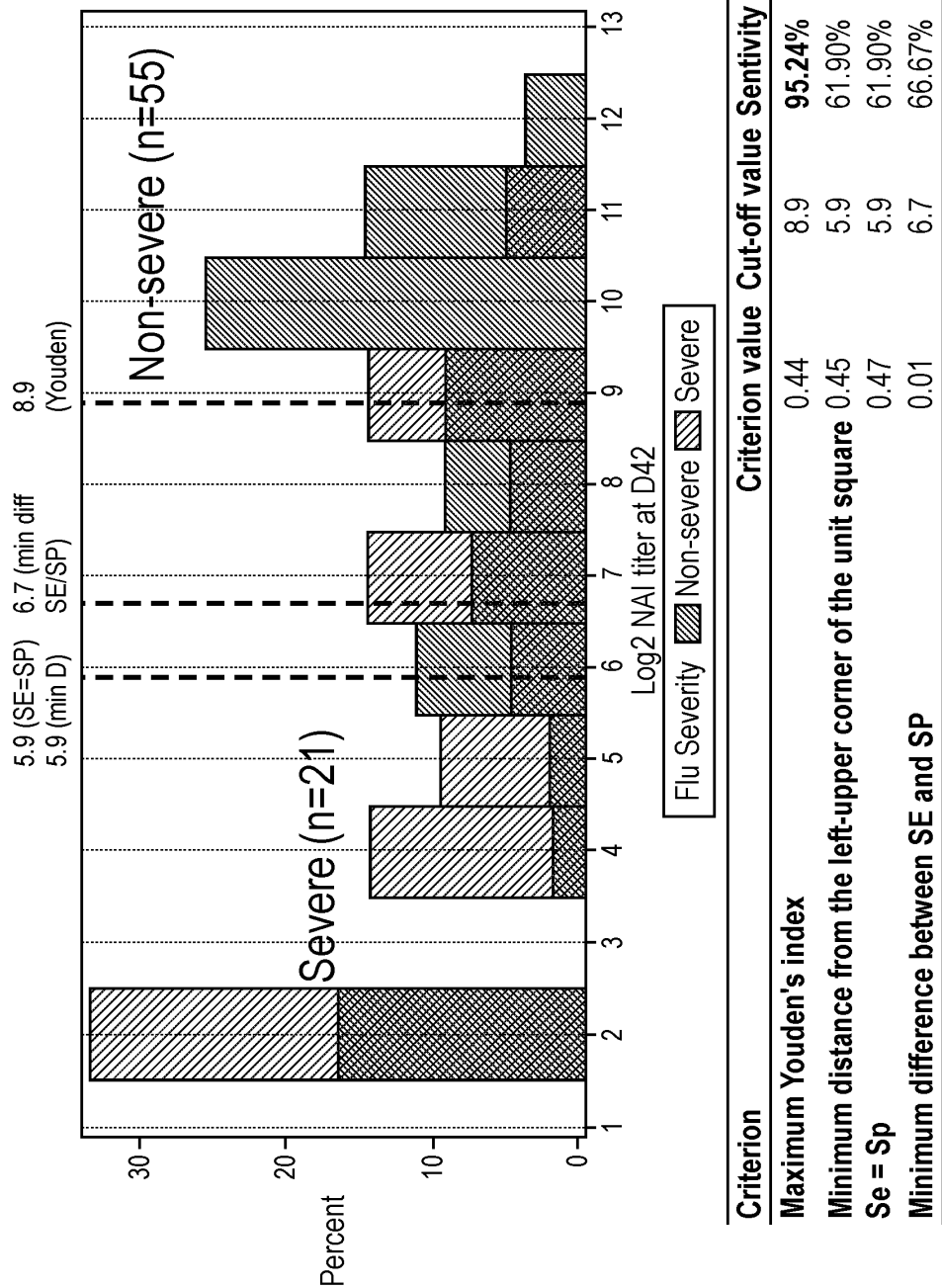


FIG. 6C

12/17

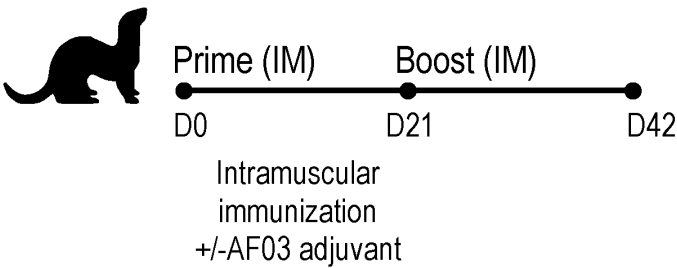


FIG. 7A

2018-19 NH SOC	
4xNA	4xHA
N1: A/MICHIGAN/45/2015 N2: A/SINGAPORE/INFIMH-16-0019/2016 B-Vic: B/COLORADO/06/2017 B-Yam: B/PHUCKET/3073/2013	H1: A/MICHIGAN/45/2015 H3: A/SINGAPORE/INFIMH-16-0019/2016 B-Vic: B/MARYLAND/15/2016 B-Yam: B/PHUCKET/3073/2013

FIG. 7B

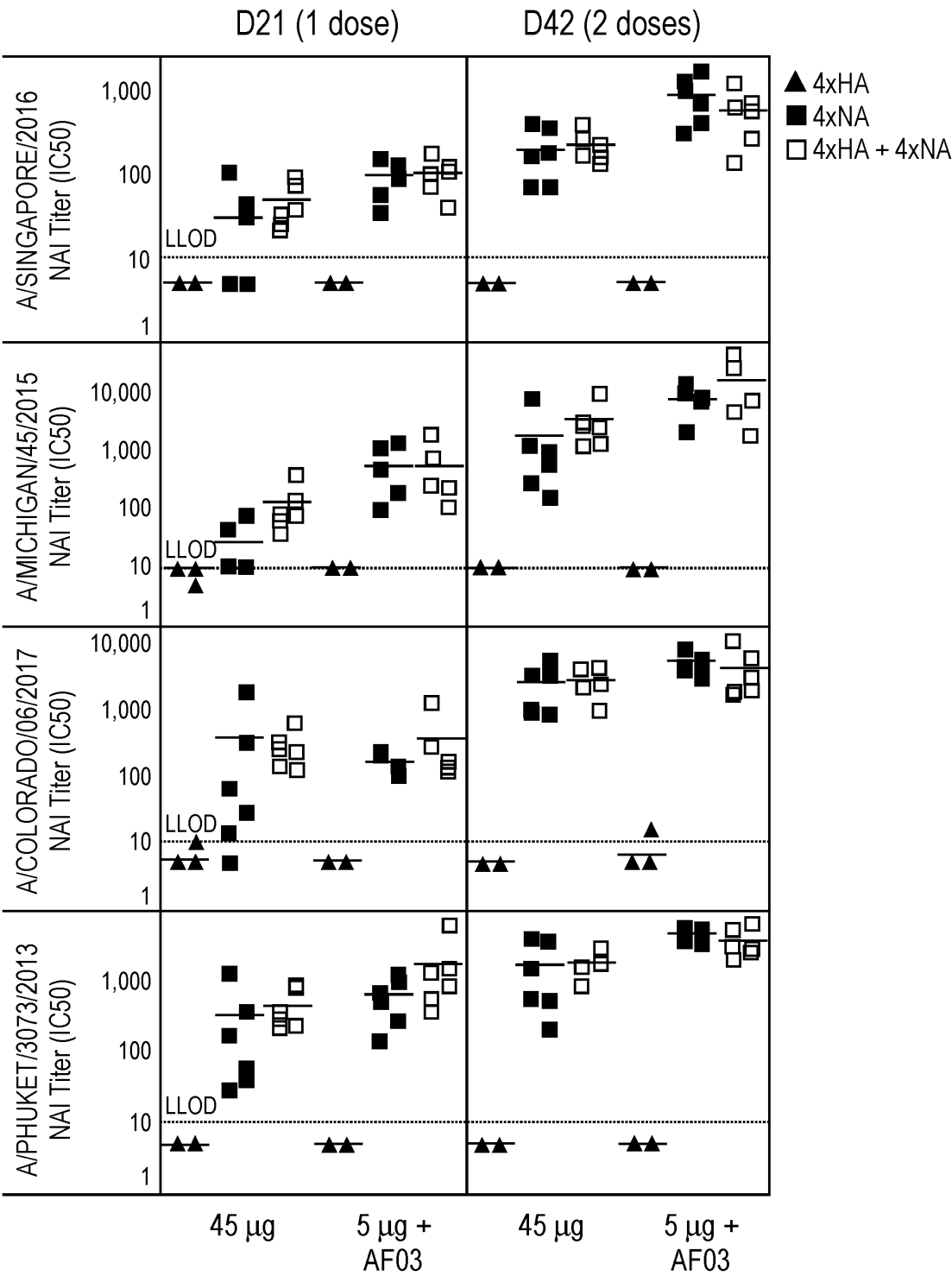


FIG. 7C

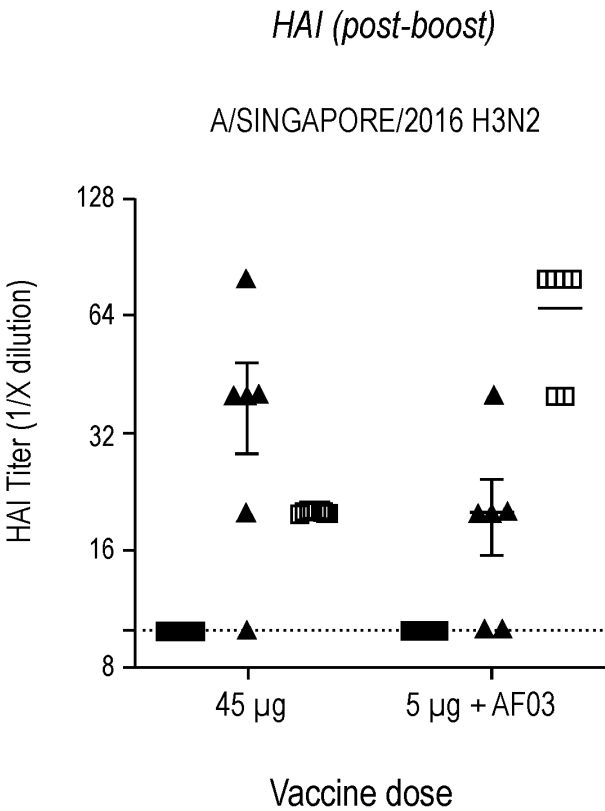


FIG. 8A

15/17

*Antibody Forensics (post-boost)**

45µg (H3)

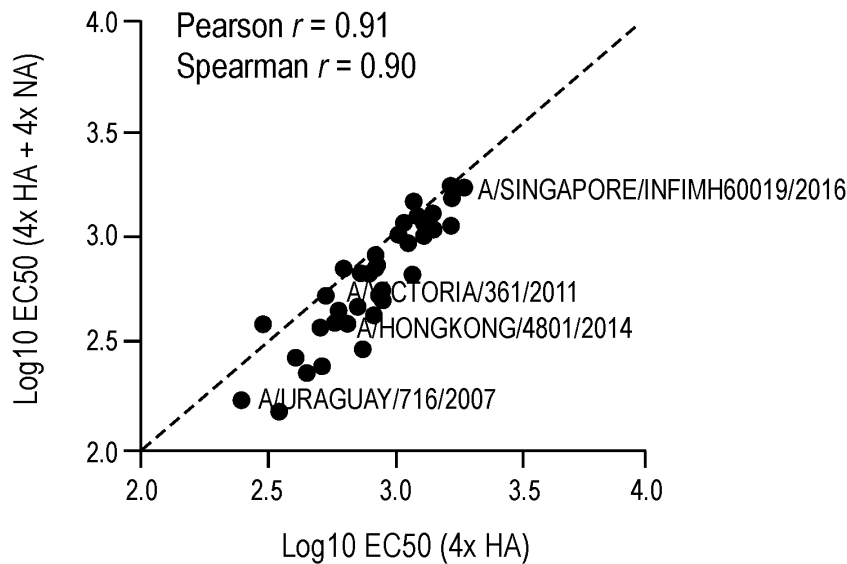


FIG. 8B

5µg + AF03 (H3)

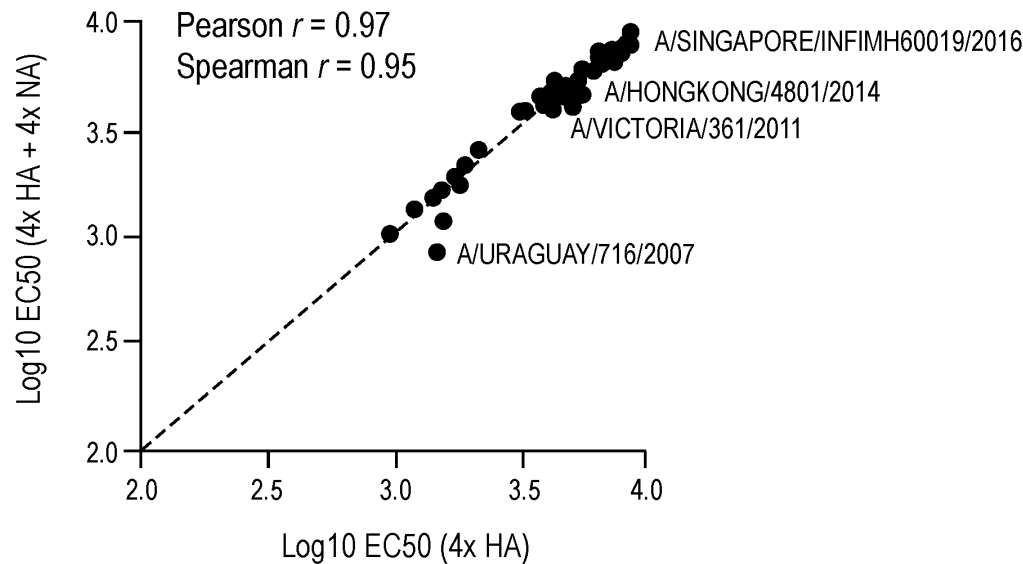


FIG. 8C

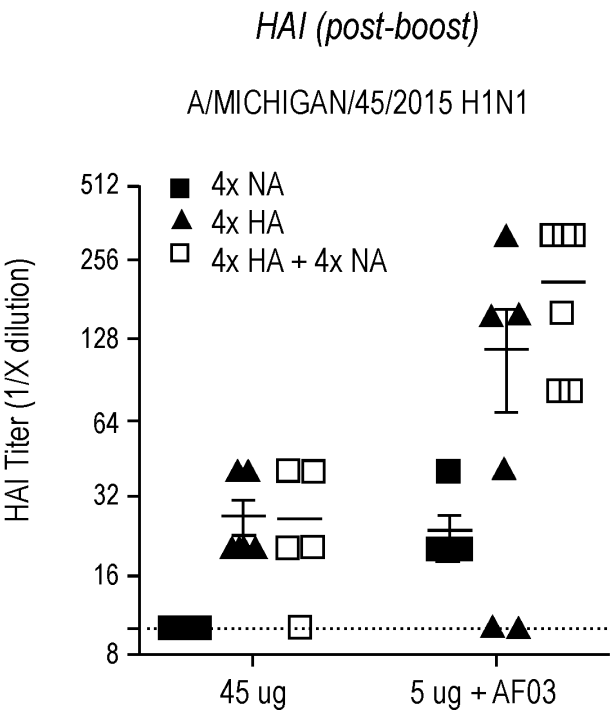


FIG. 8D

17/17

Antibody Forensics (post-boost)*

45 µg (H1)

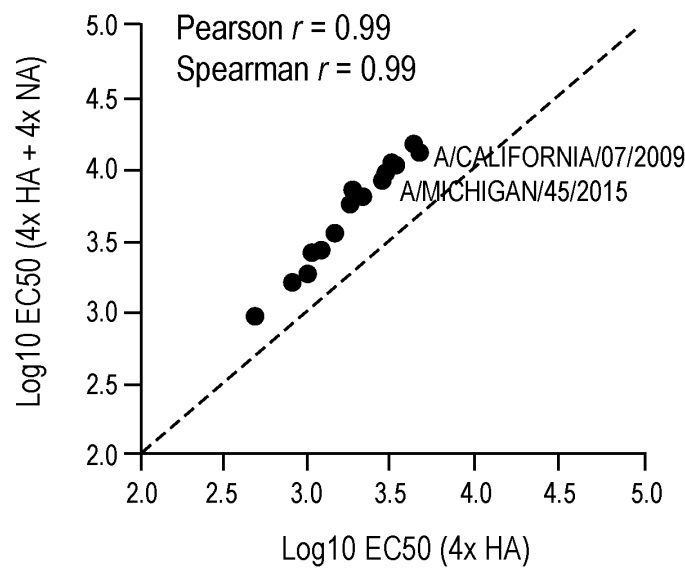


FIG. 8E

5µg + AF03 (H1)

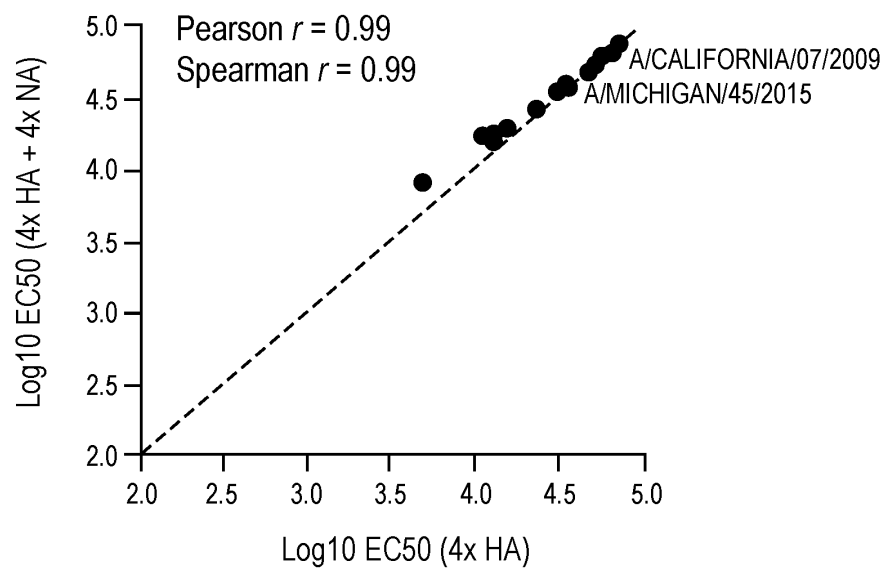


FIG. 8F