

1/60

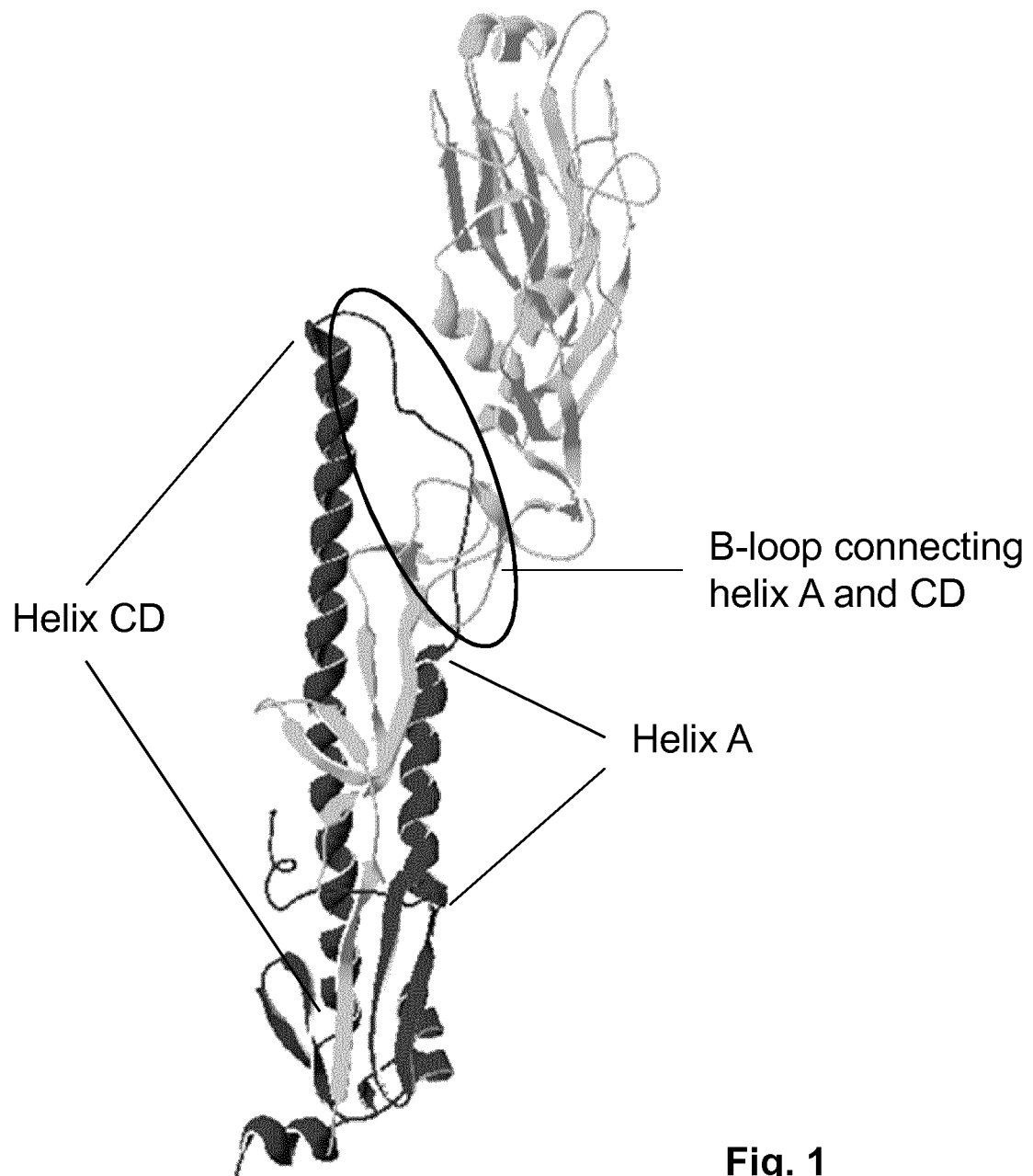
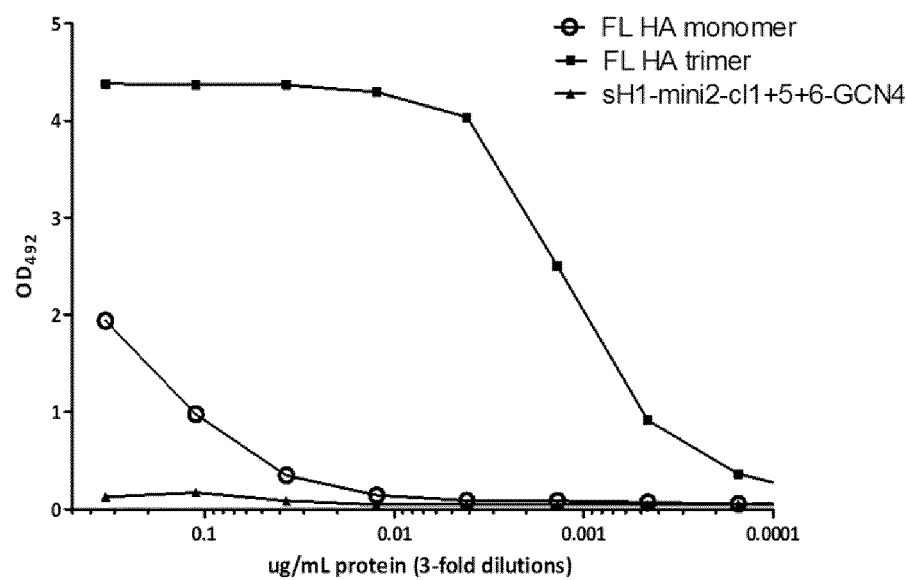


Fig. 1

2/60

A



C

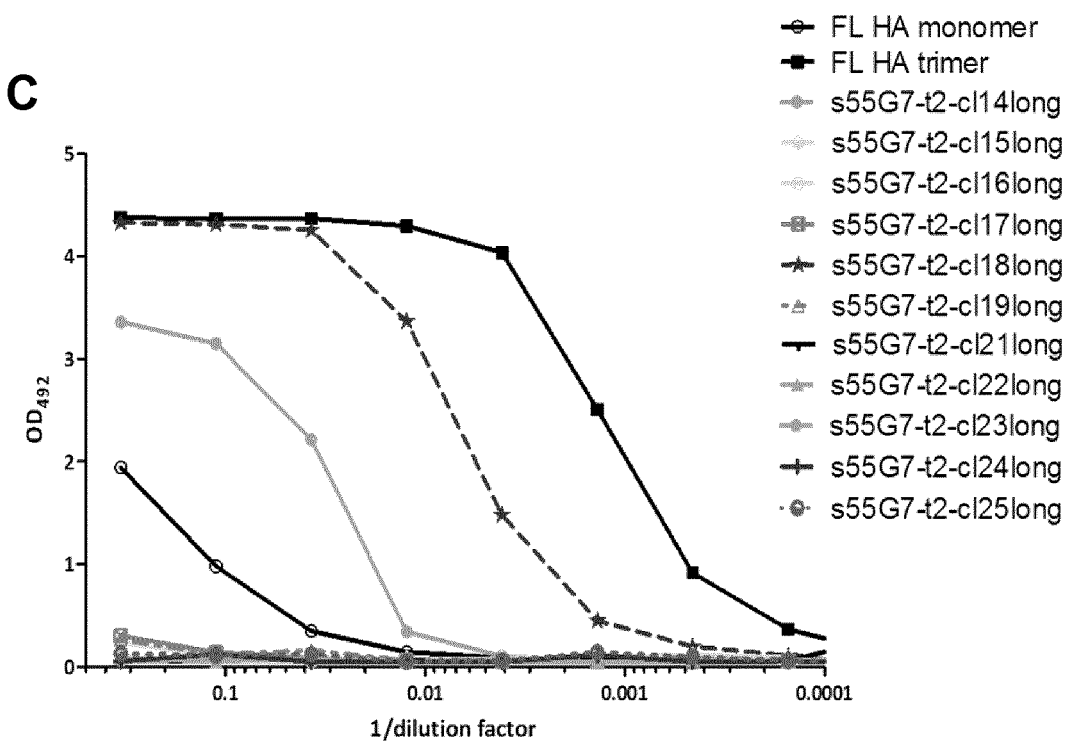
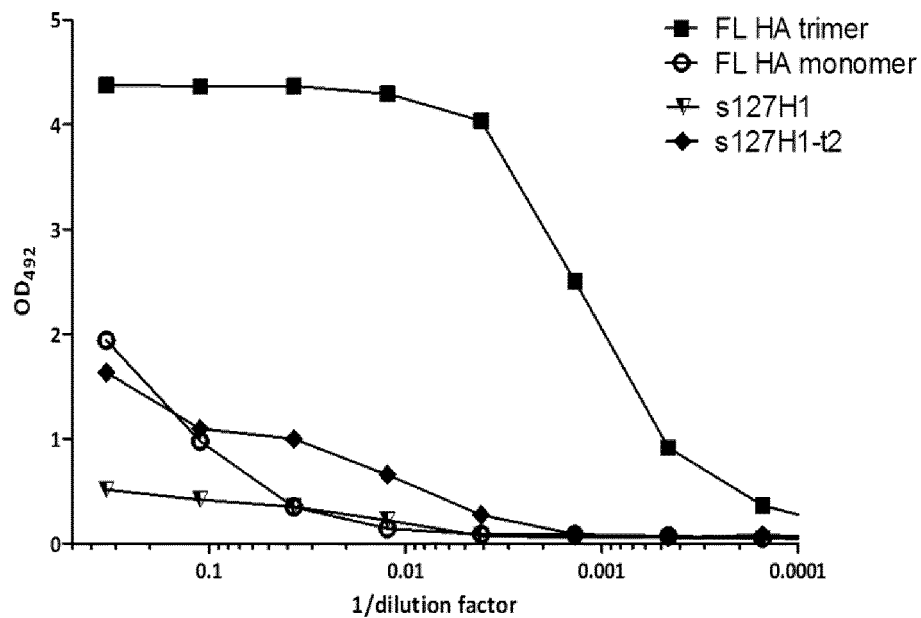
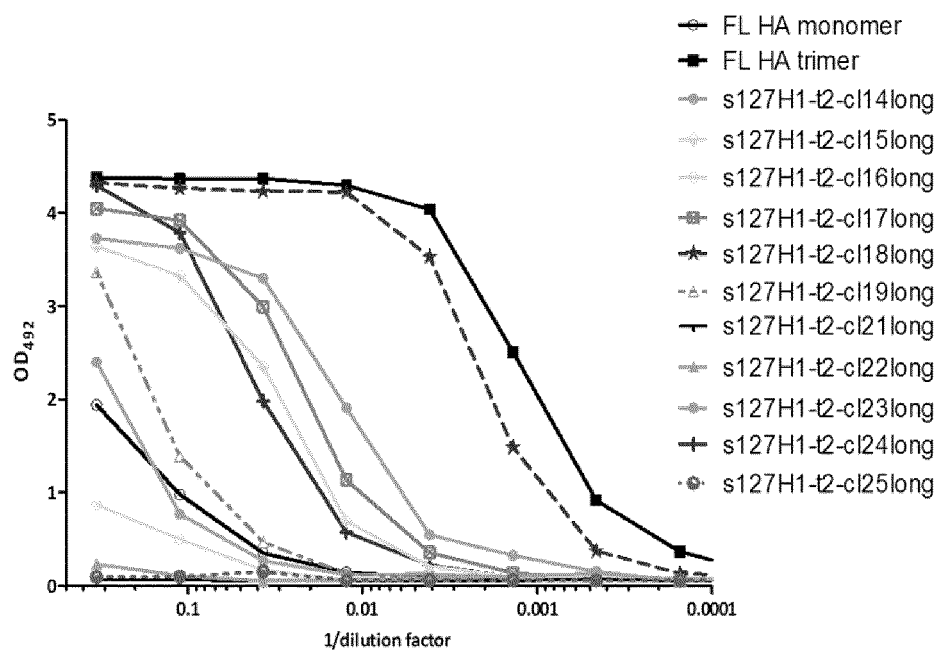


Fig. 2

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B**D****Fig. 2 - continued**

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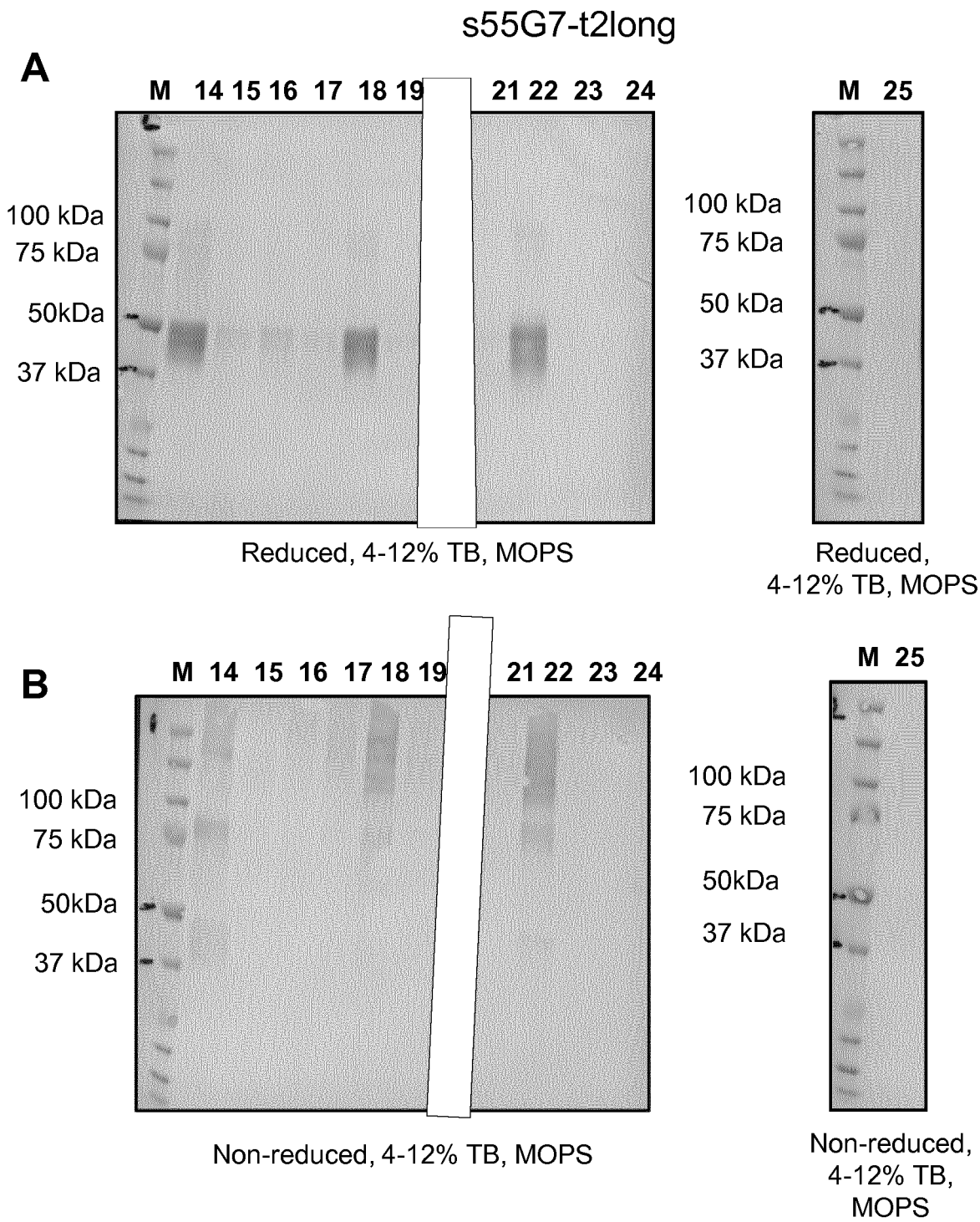


Fig. 3

5/60

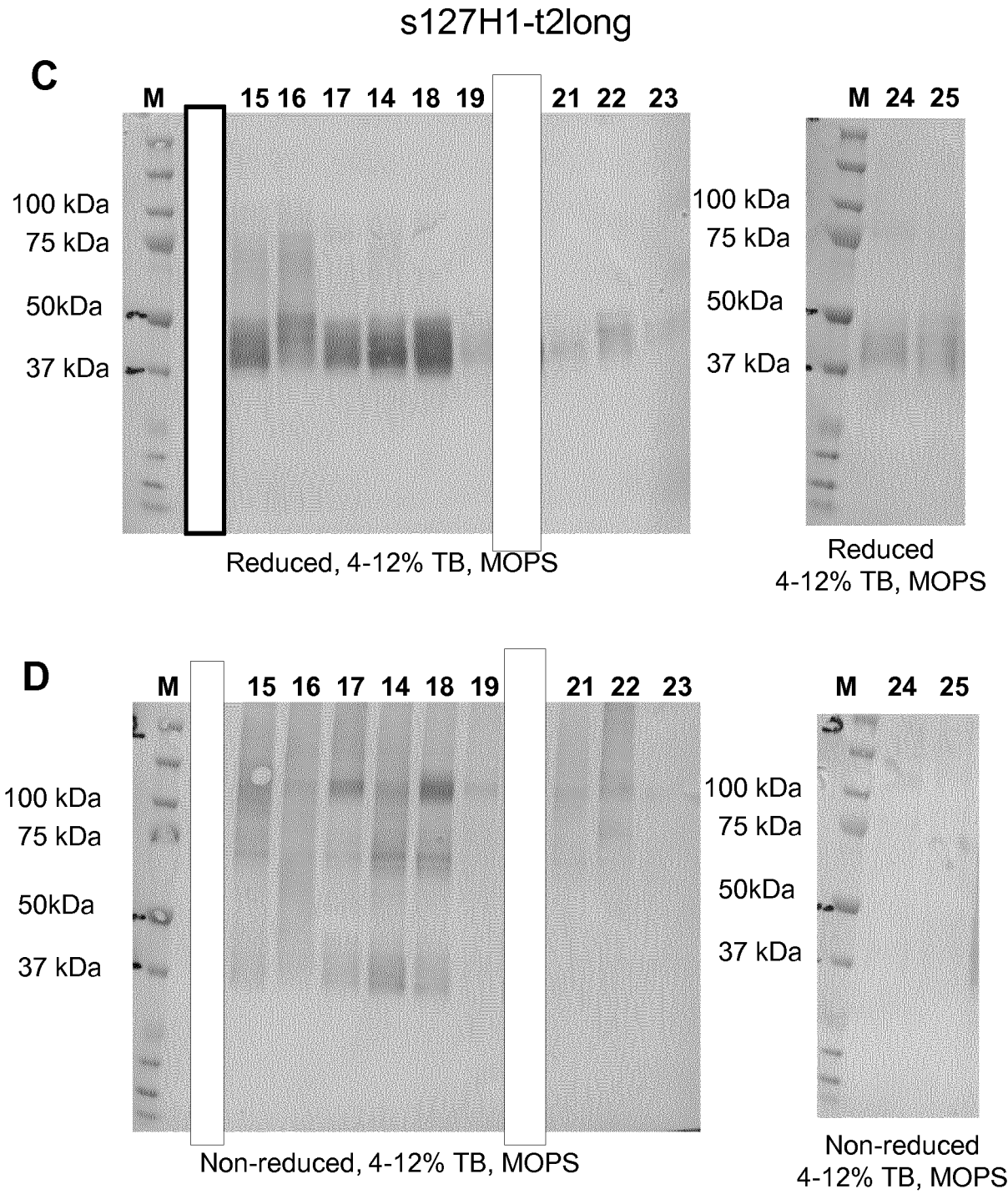


Fig. 3 - continued

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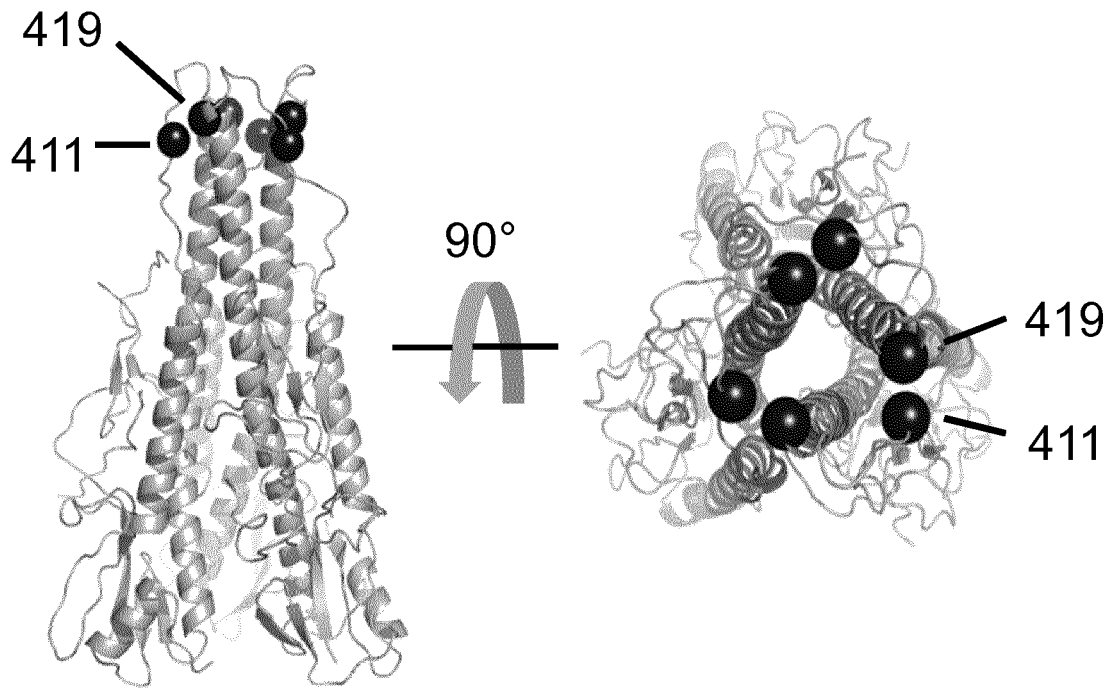
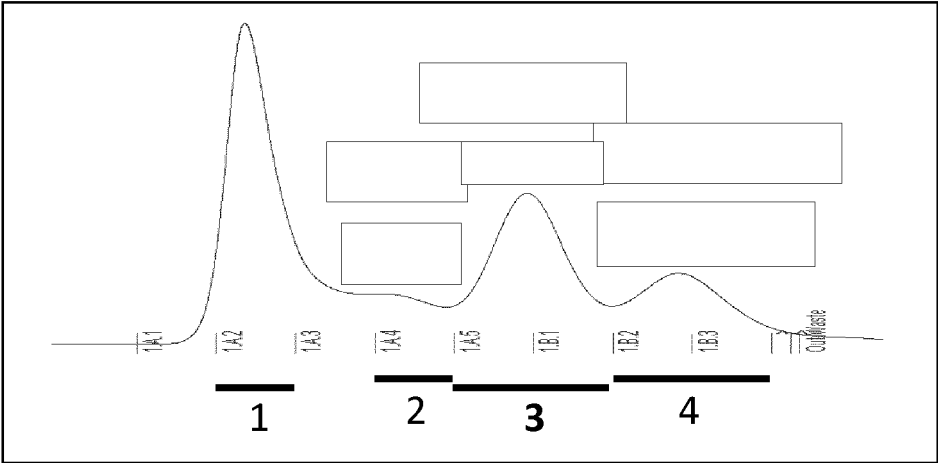


Fig. 4

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A



B

SDS-PAGE

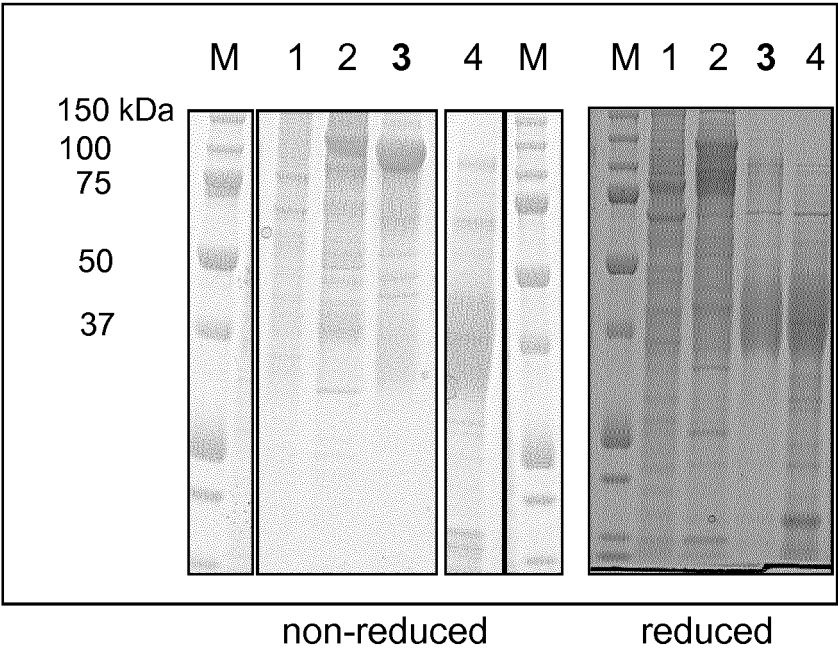
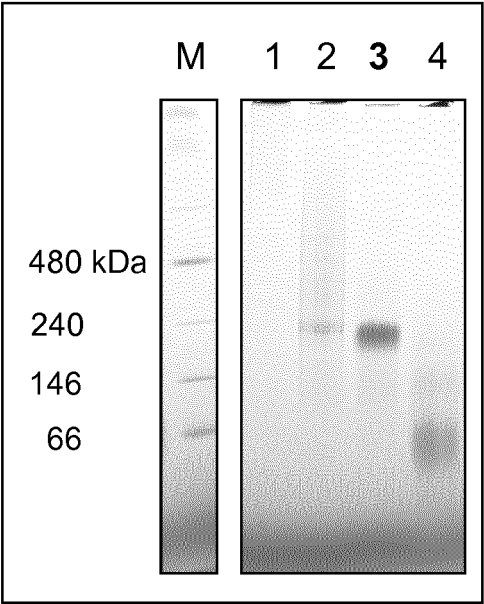


Fig. 5

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NATIVE PAGE

C



D

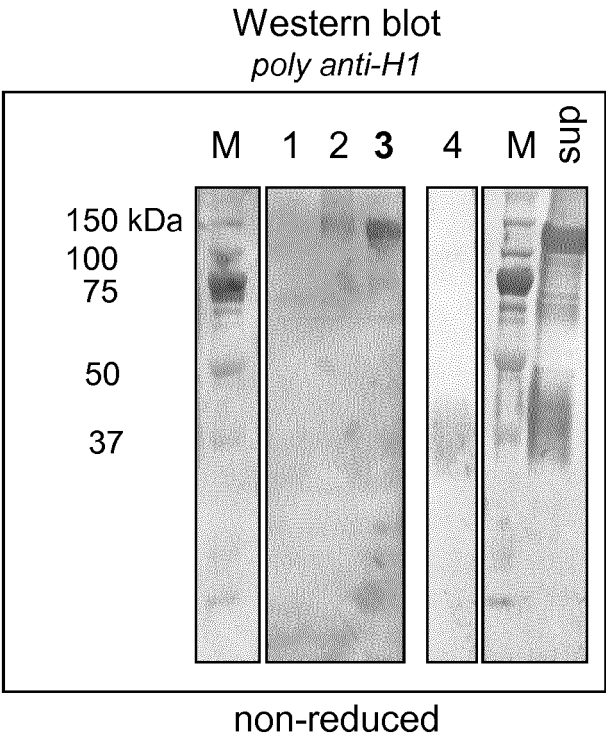
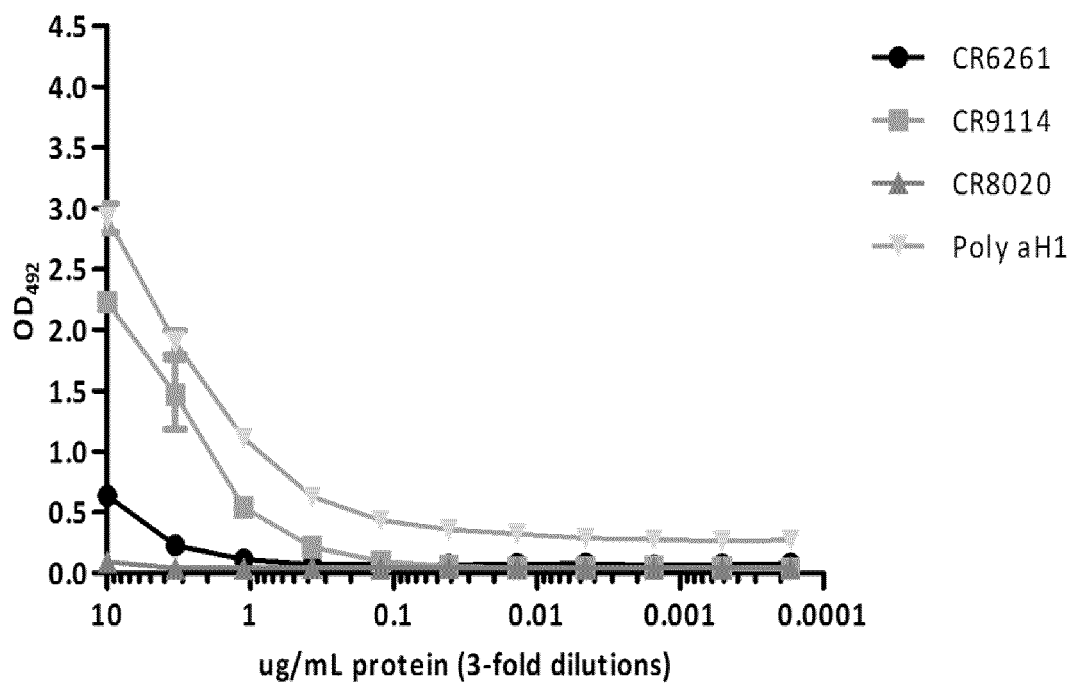


Fig. 5 - continued

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Fraction 1



Fraction 2

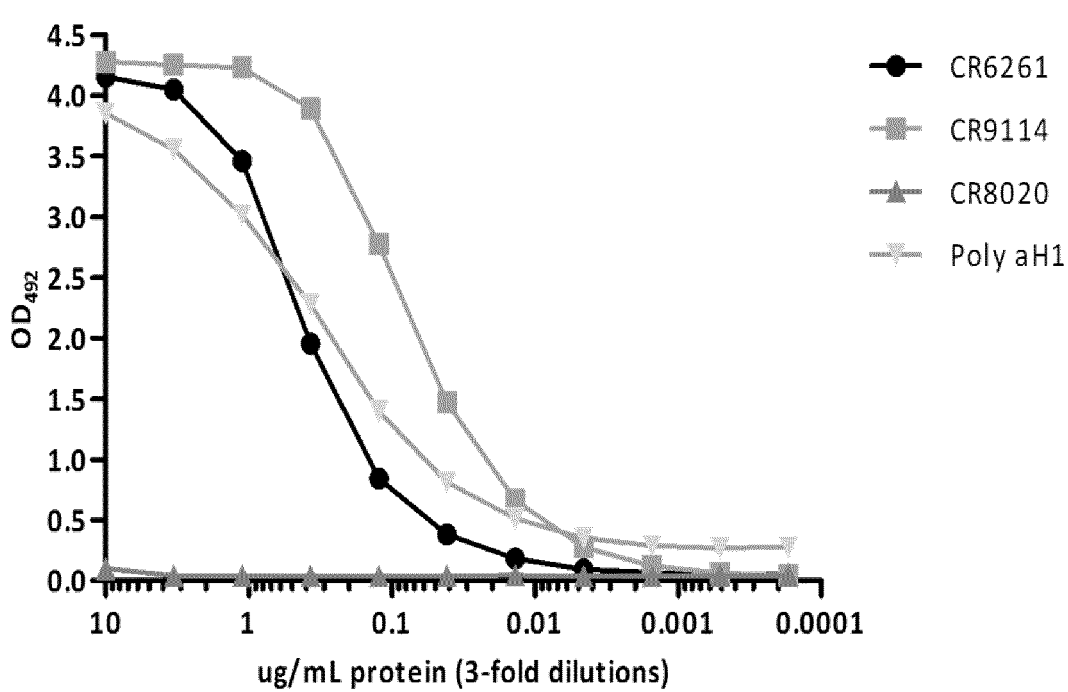


Fig. 6

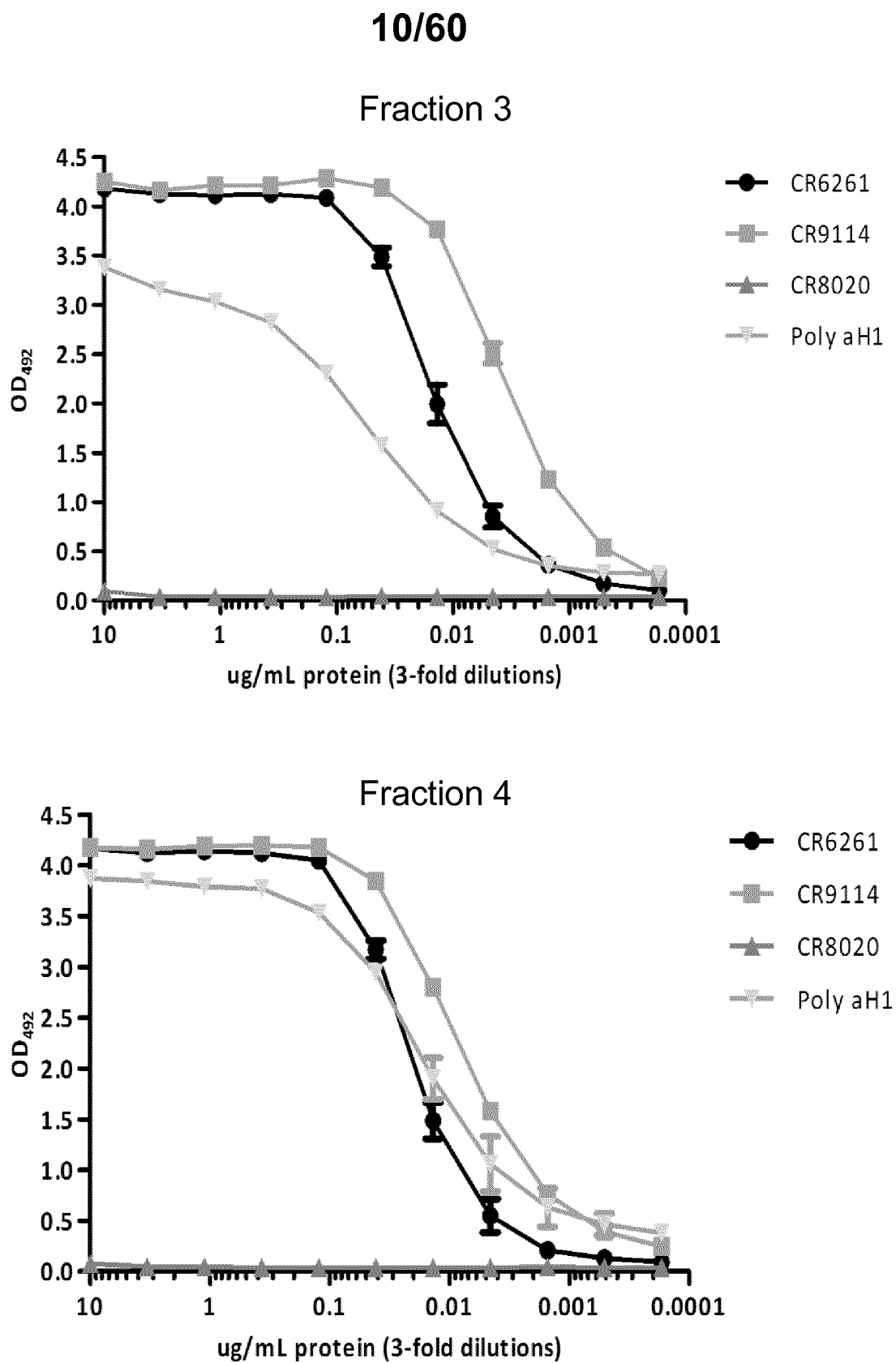


Fig. 6 - continued

11/60

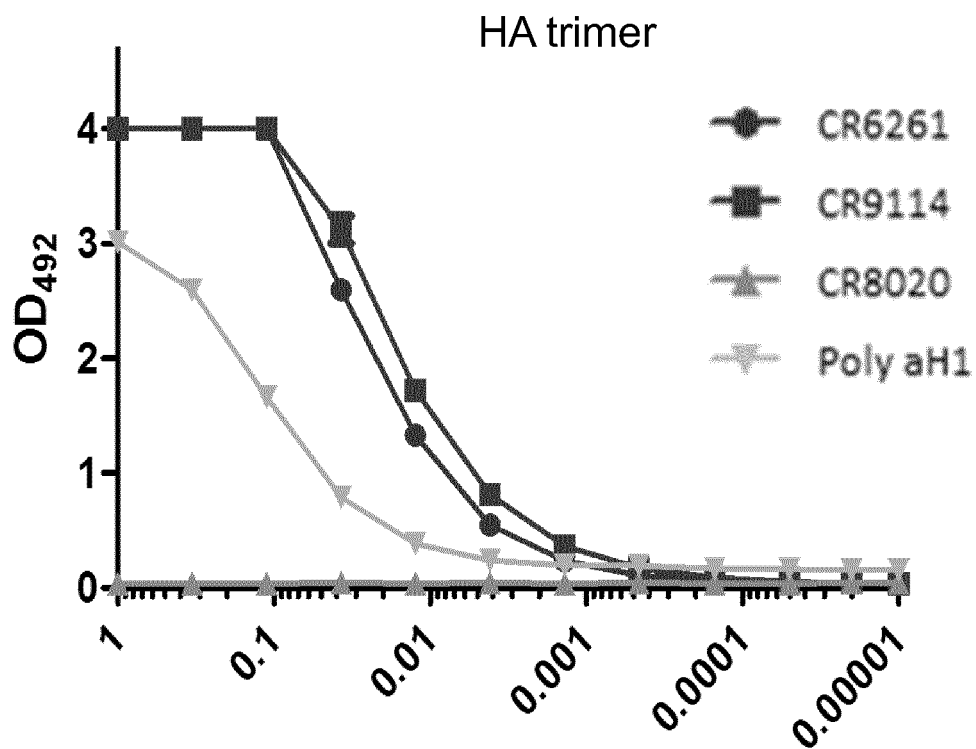
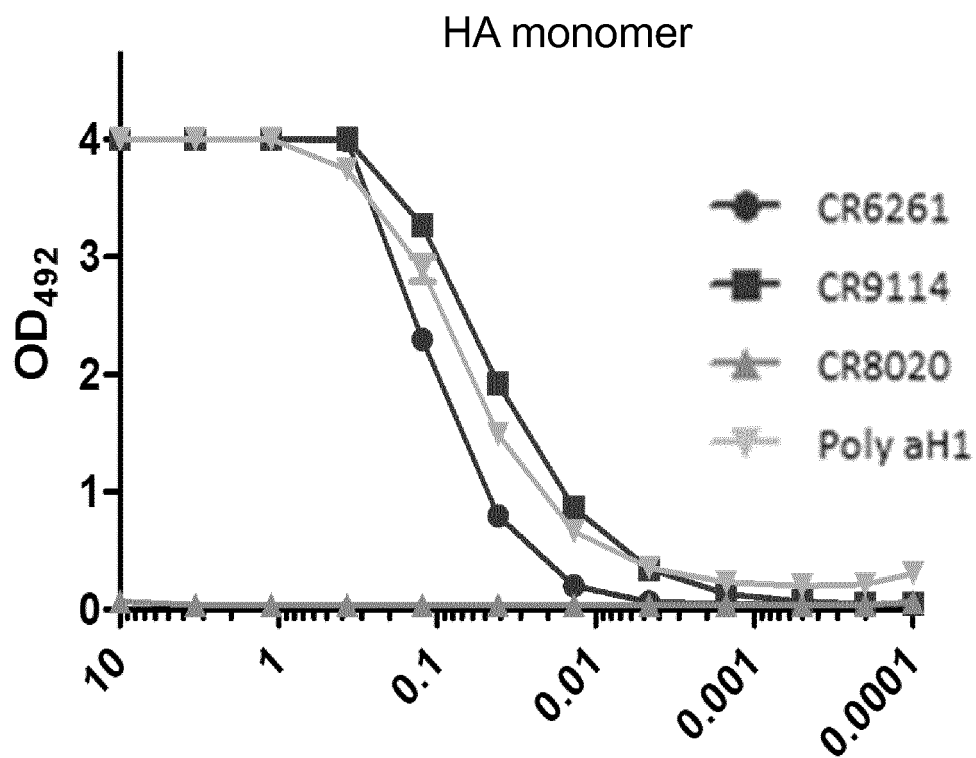


Fig. 6 - continued

12/60

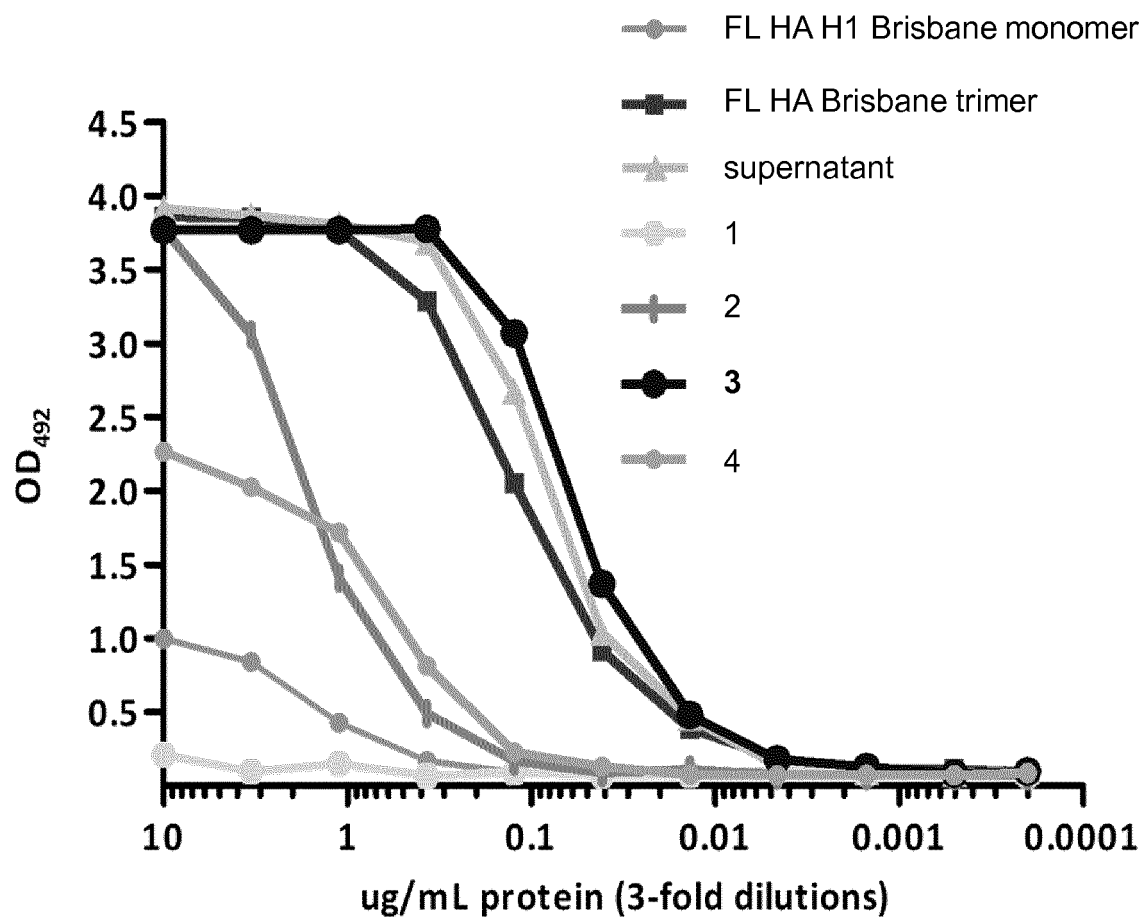


Fig. 7

13/60

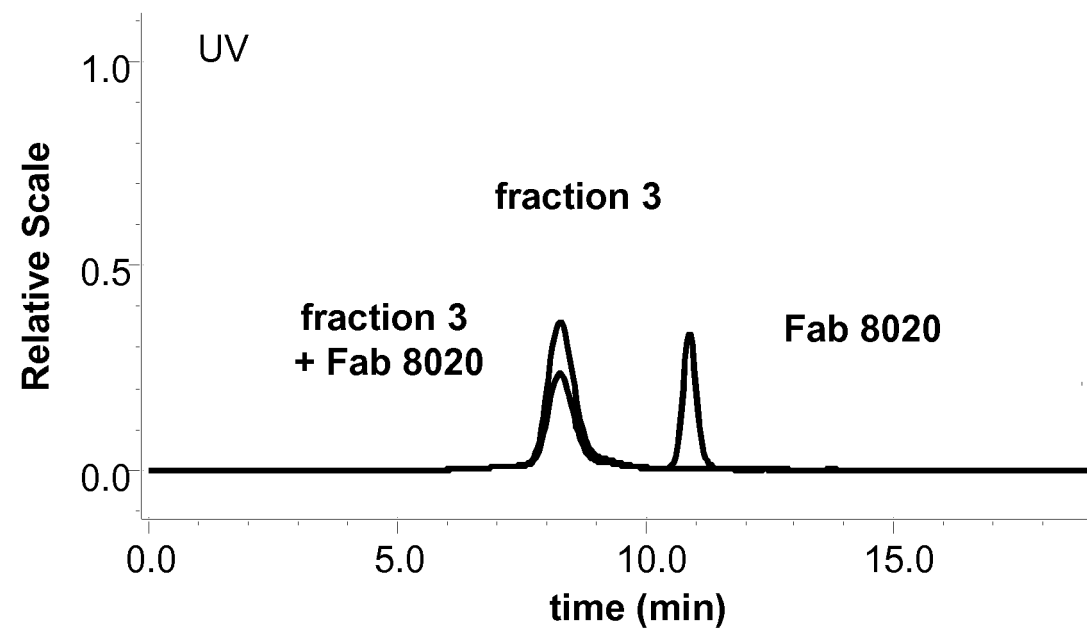
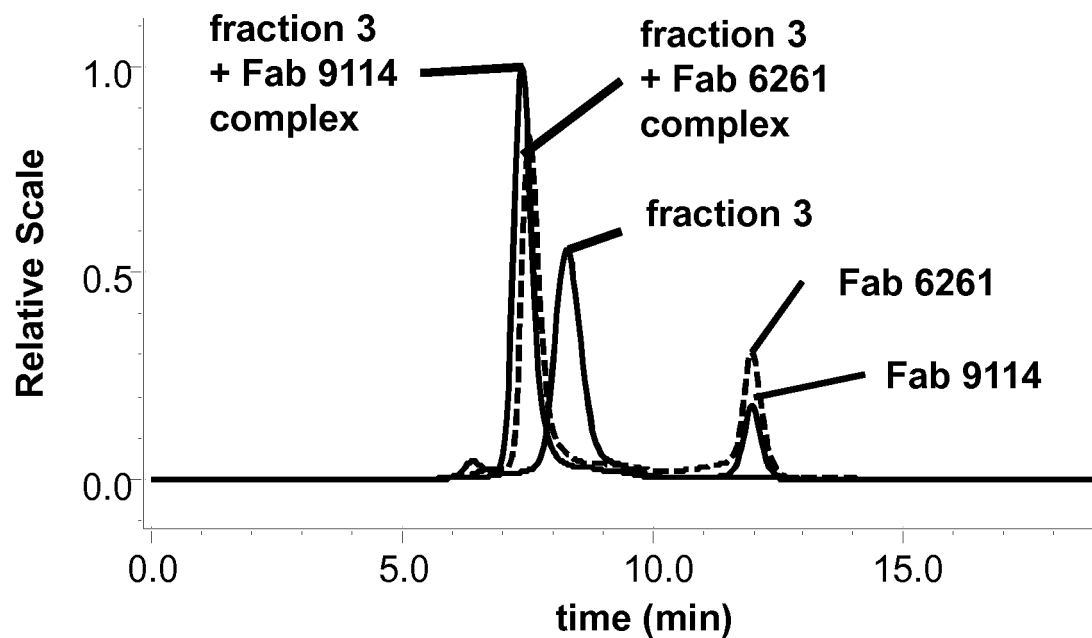


Fig. 8

14/60

CR6261

A

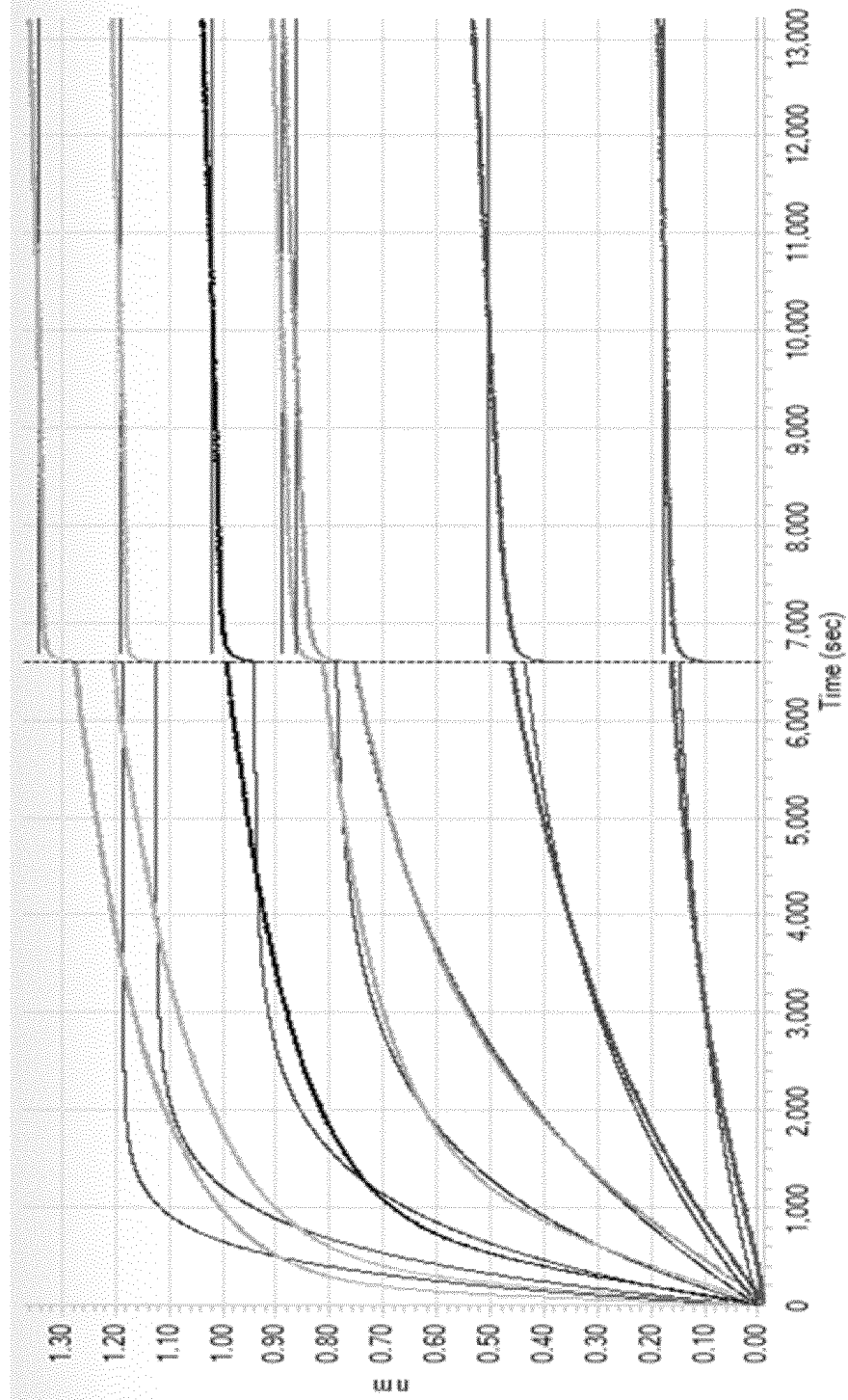


Fig. 9

15/60

B

CR9114

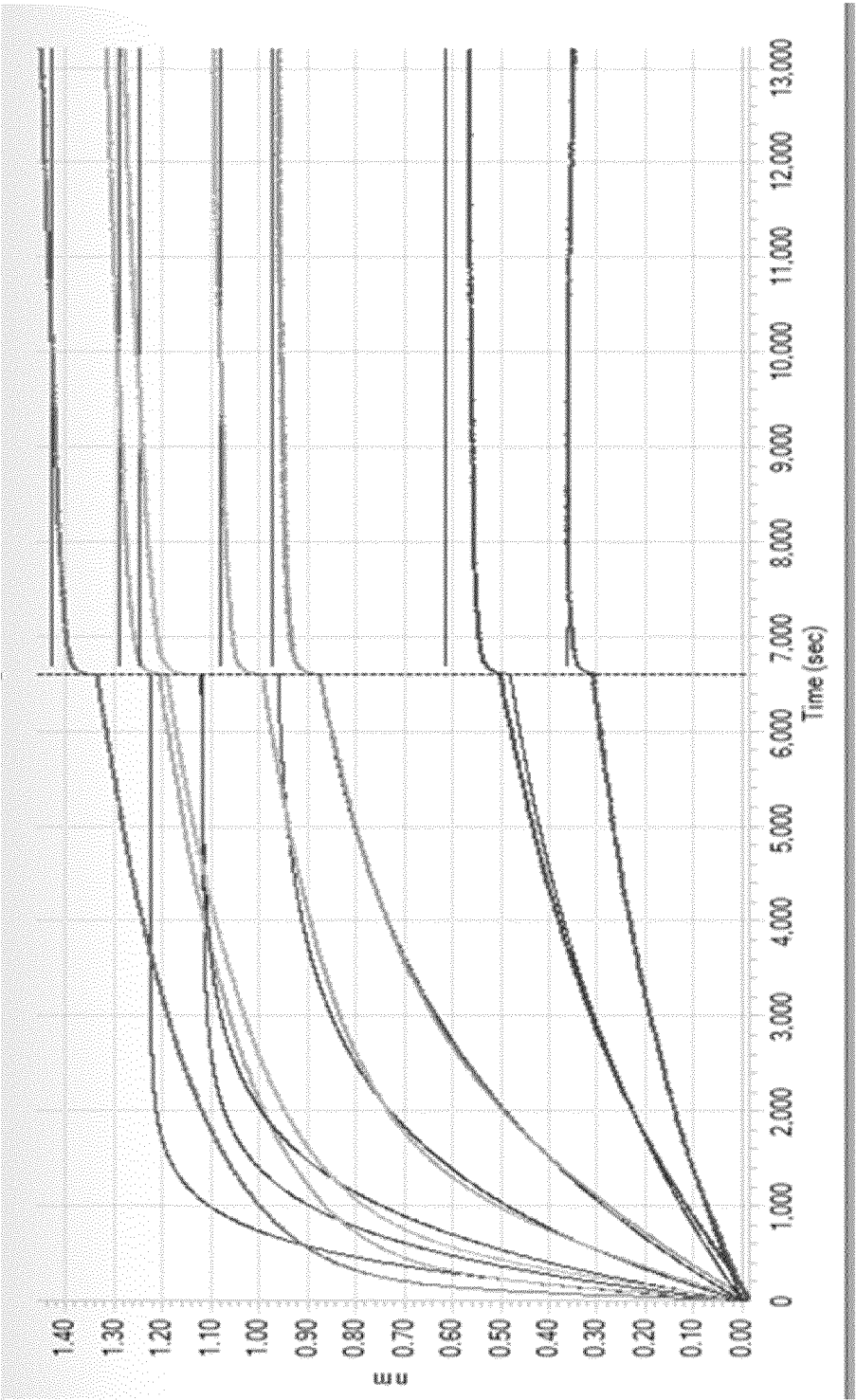


Fig. 9 - continued

16/60

CR6261

C

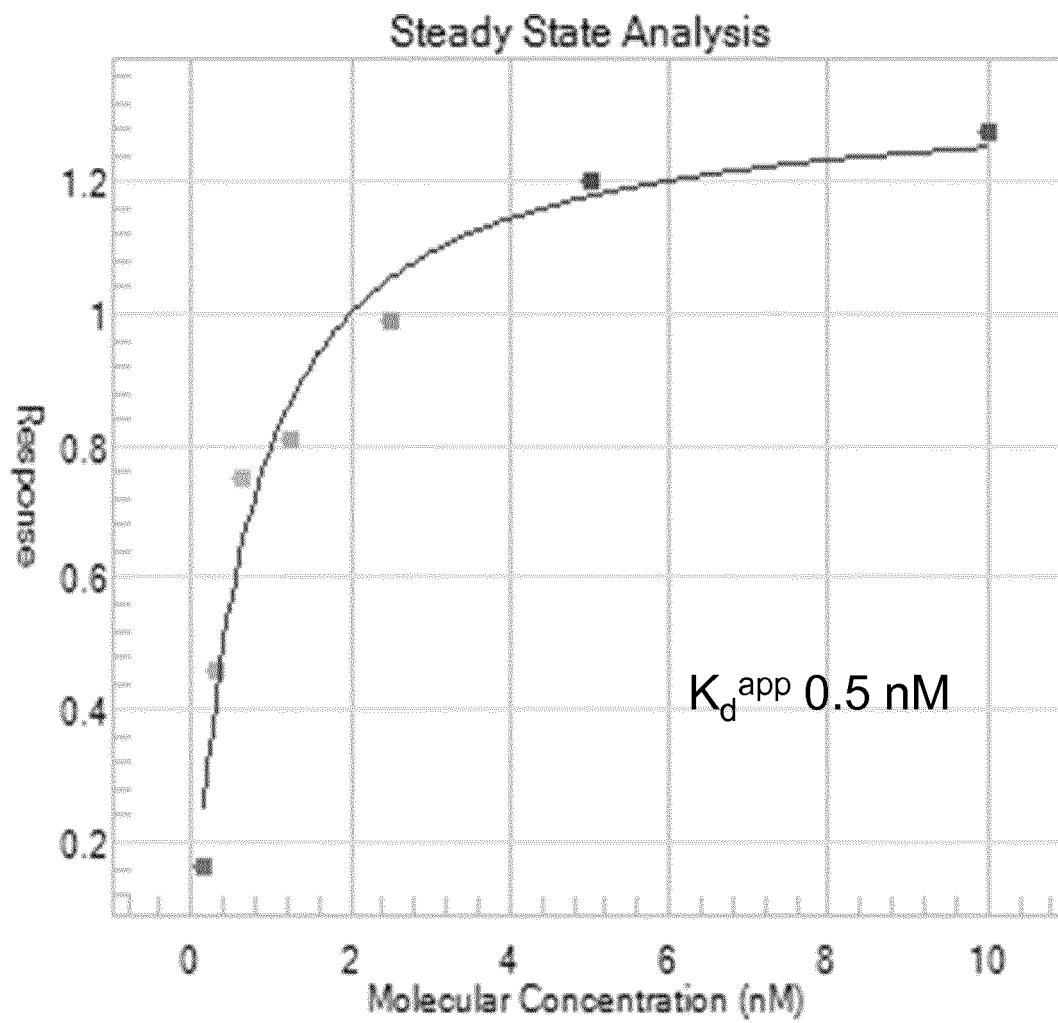


Fig. 9 - continued

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D

CR9114

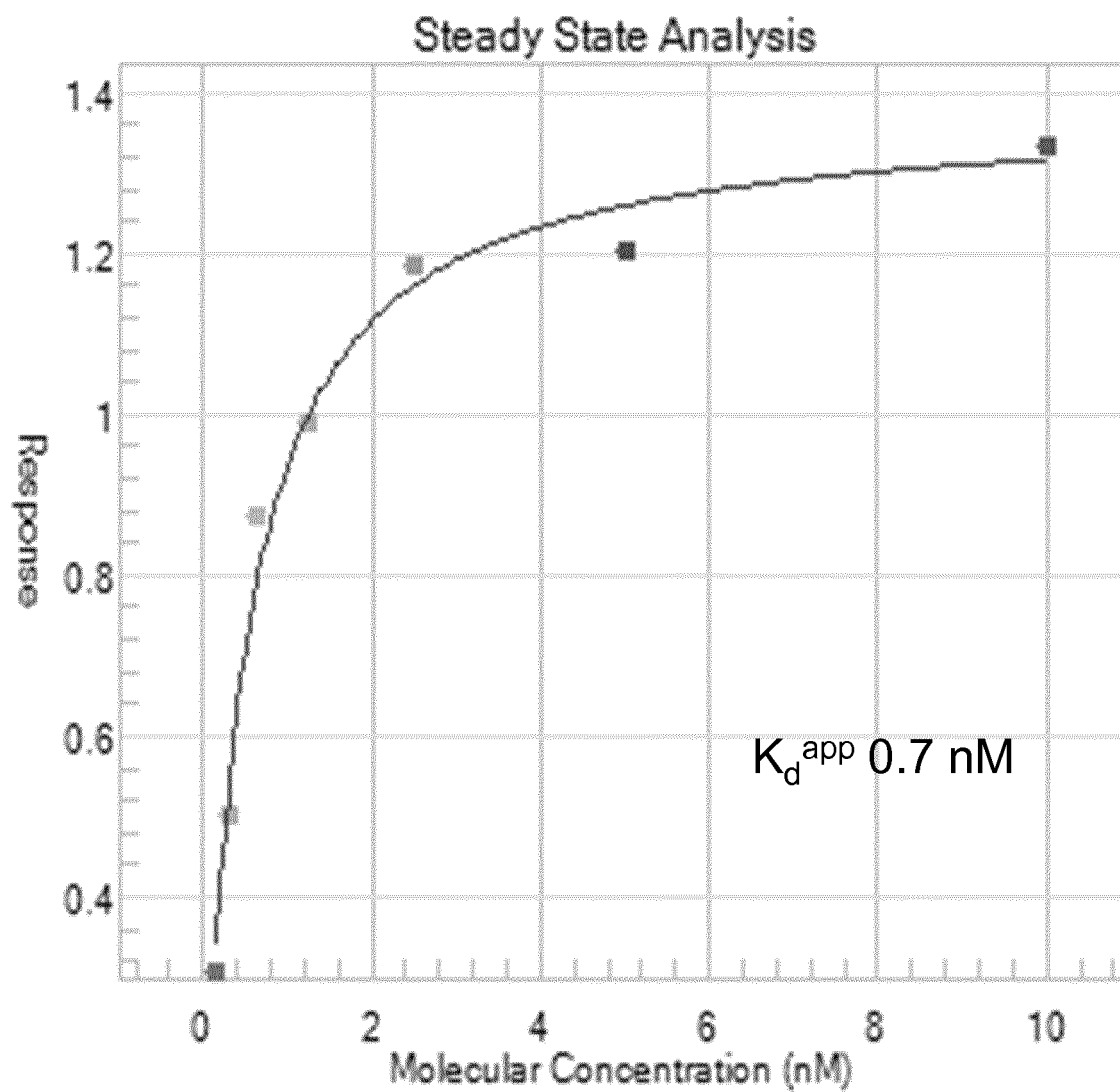
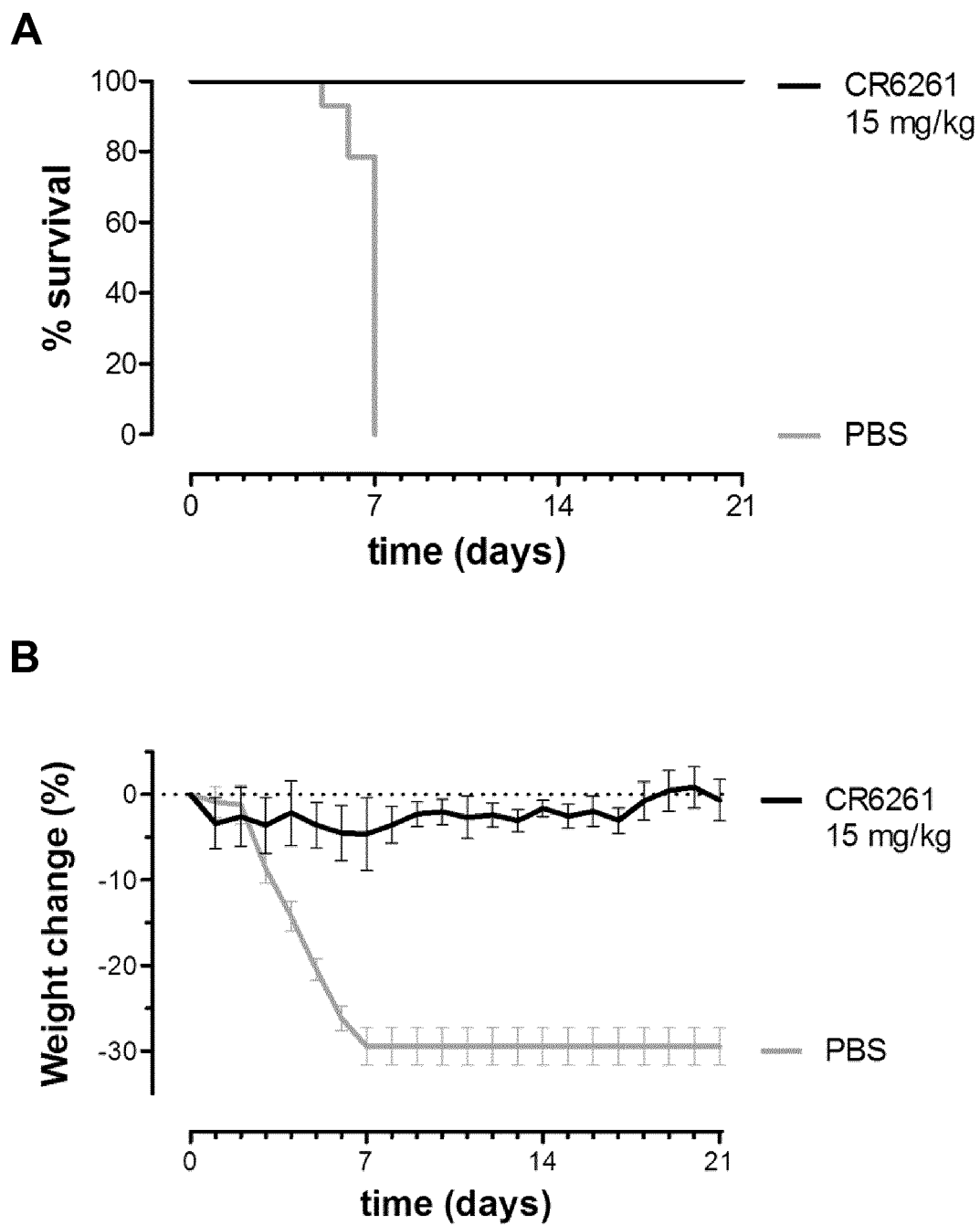


Fig. 9 - continued

18/60**Fig. 10**

19/60

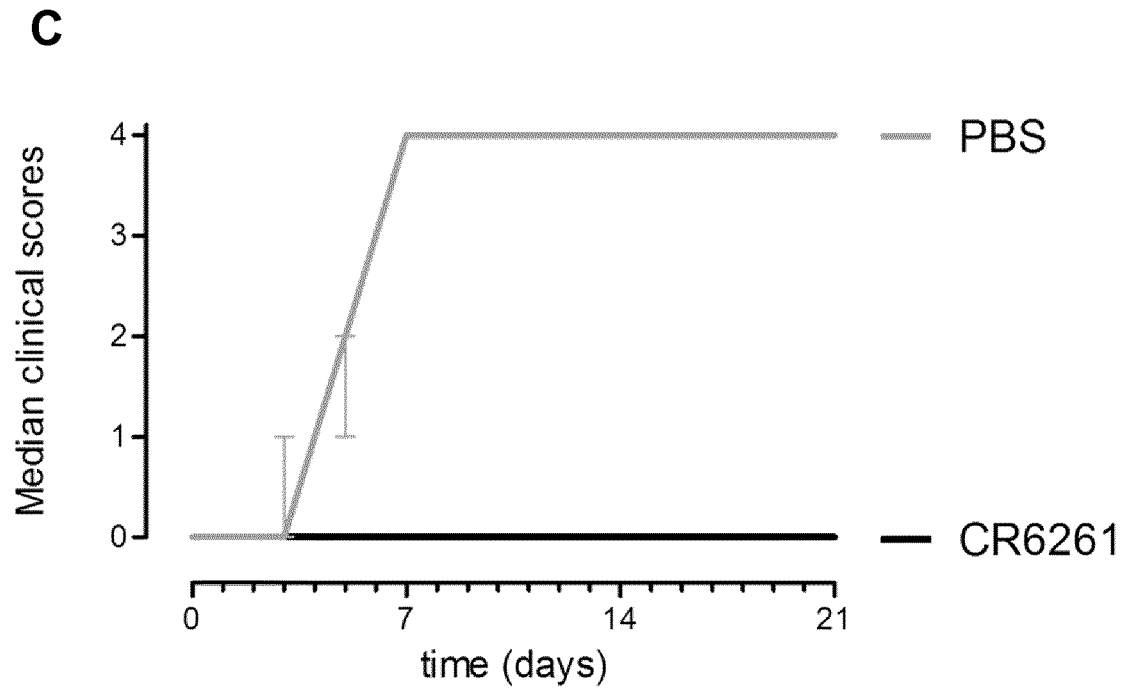
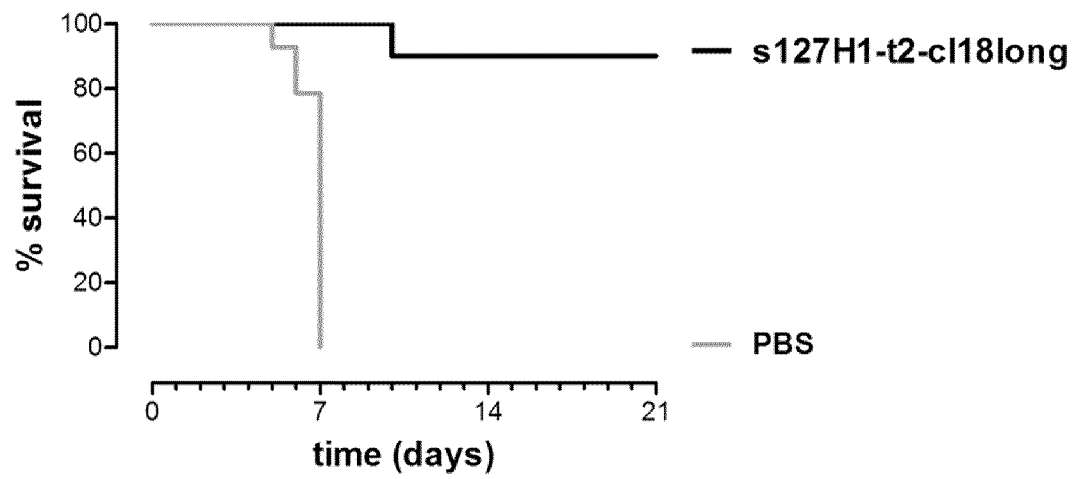
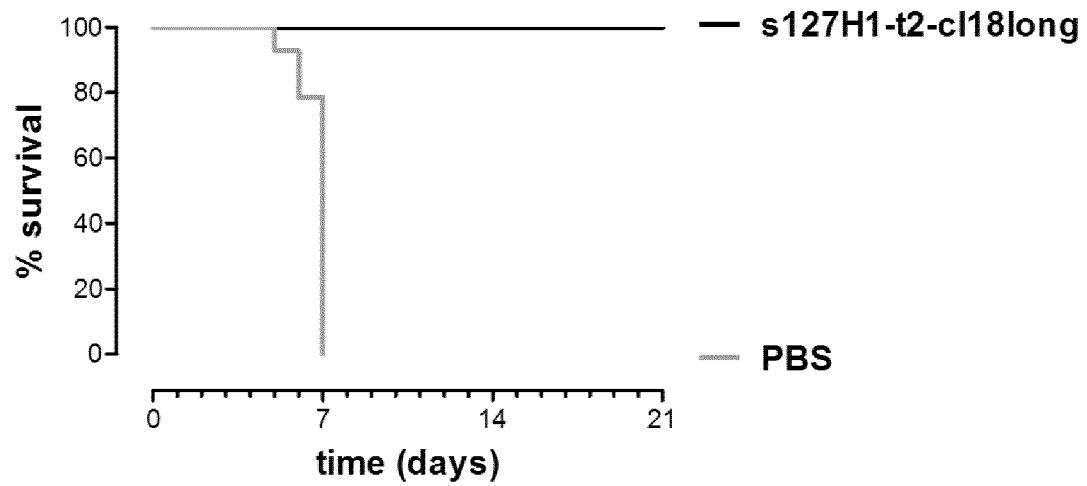


Fig. 10 - continued

20/60**A****B****Fig. 11**

21/60

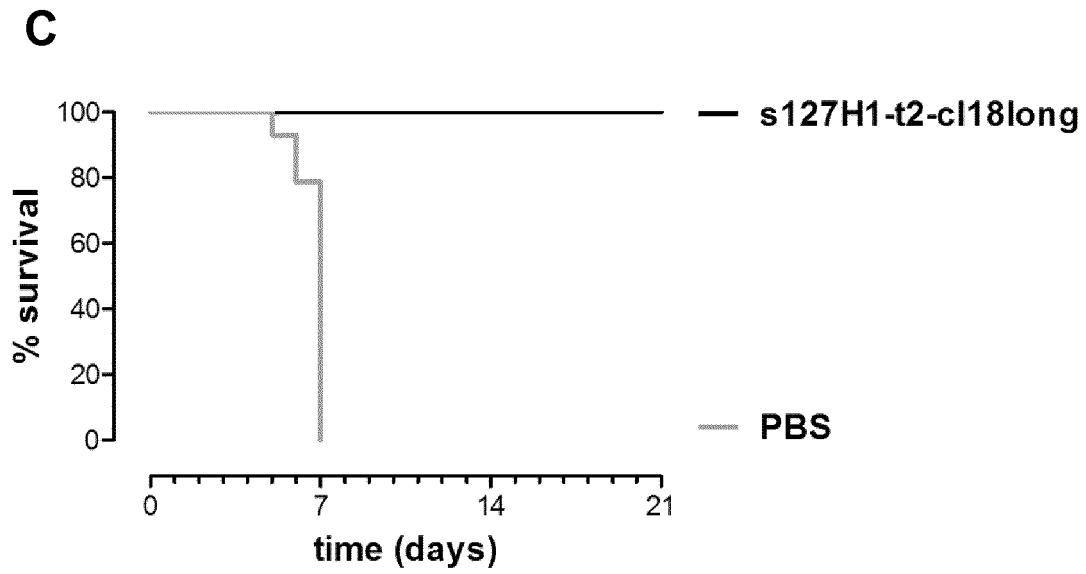
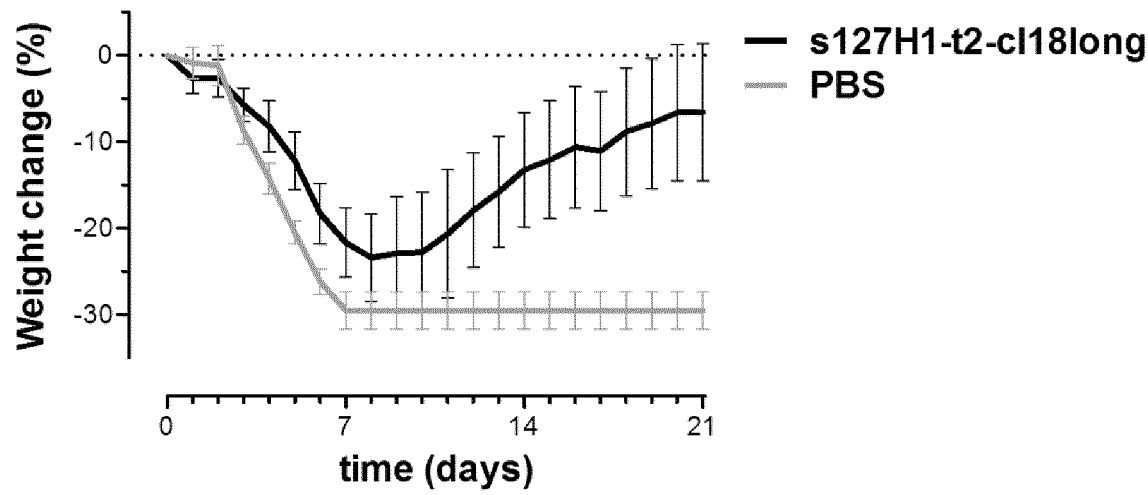


Fig. 11 - continued

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A



B

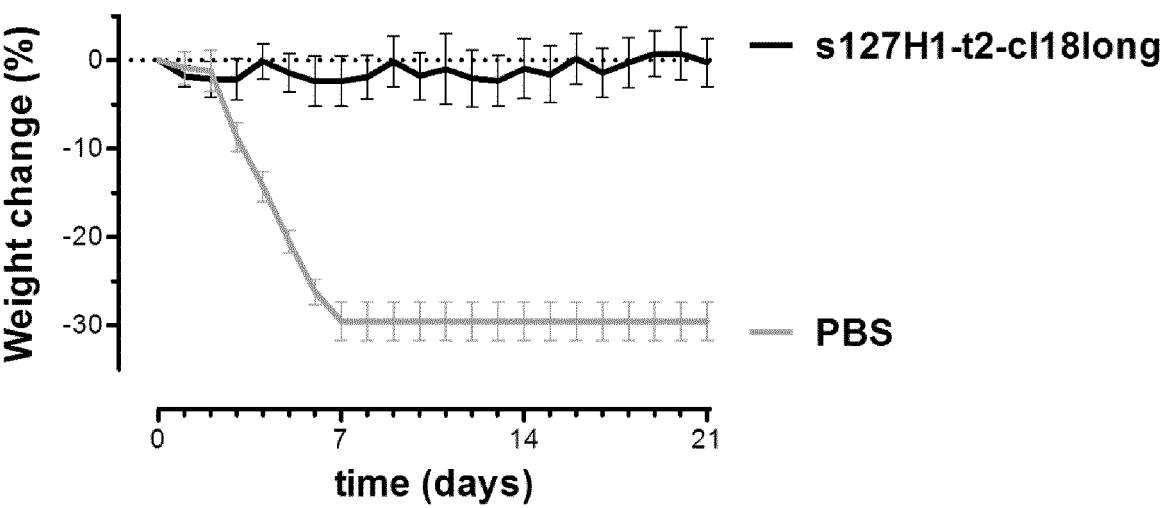


Fig. 12

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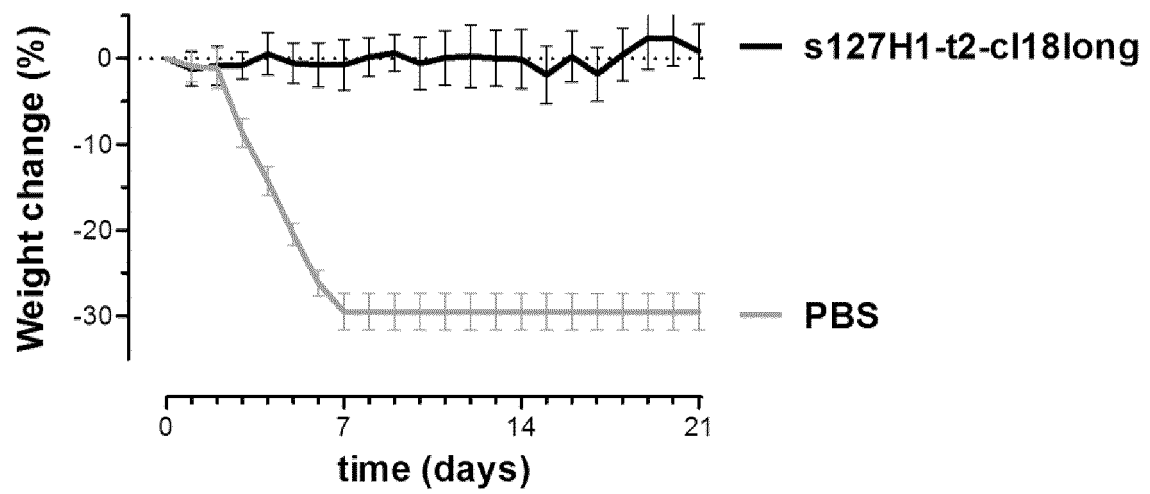
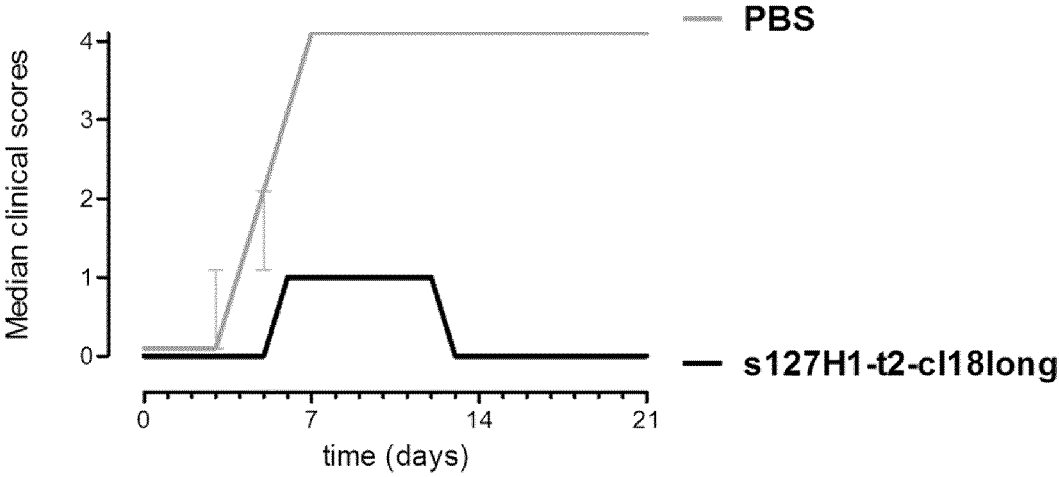
C

Fig. 12 - continued

24/60

A



B

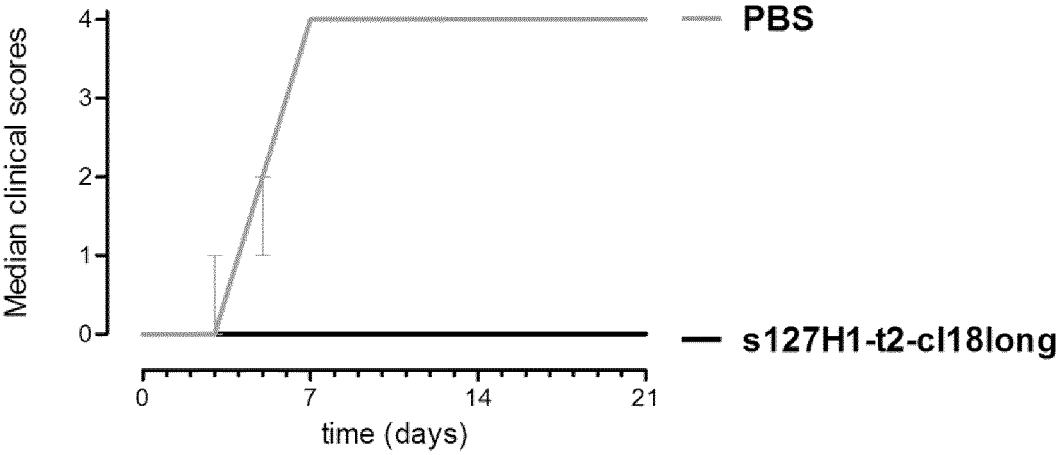
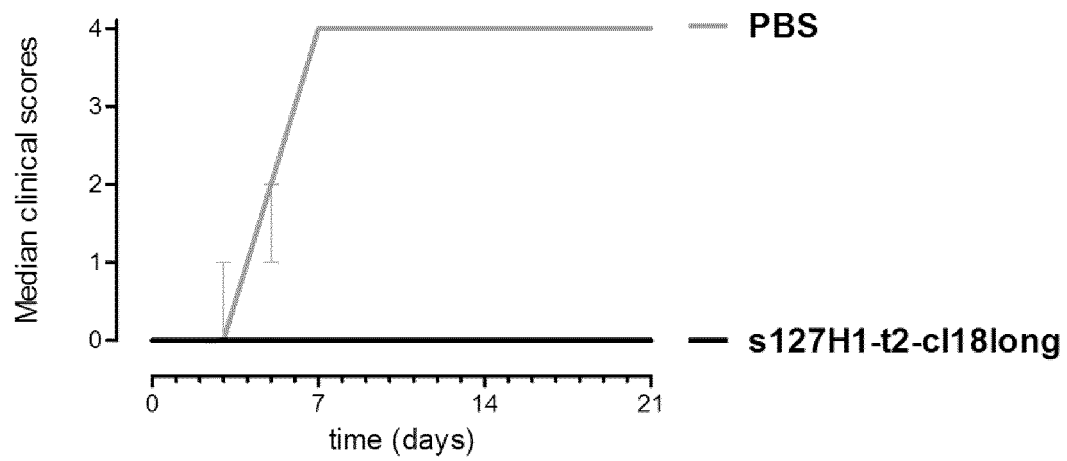


Fig. 13

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C**Fig. 13 - continued**

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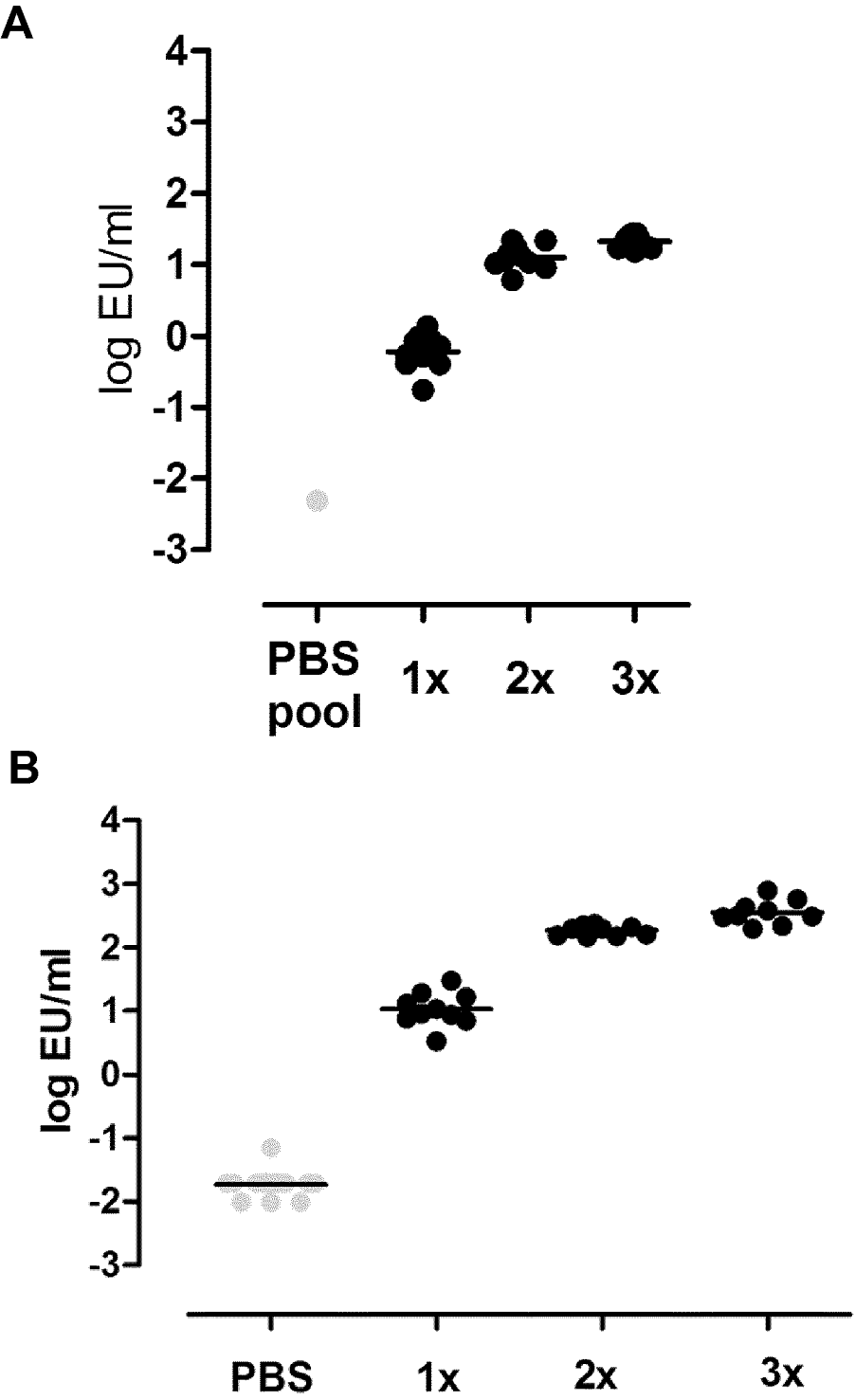


Fig. 14

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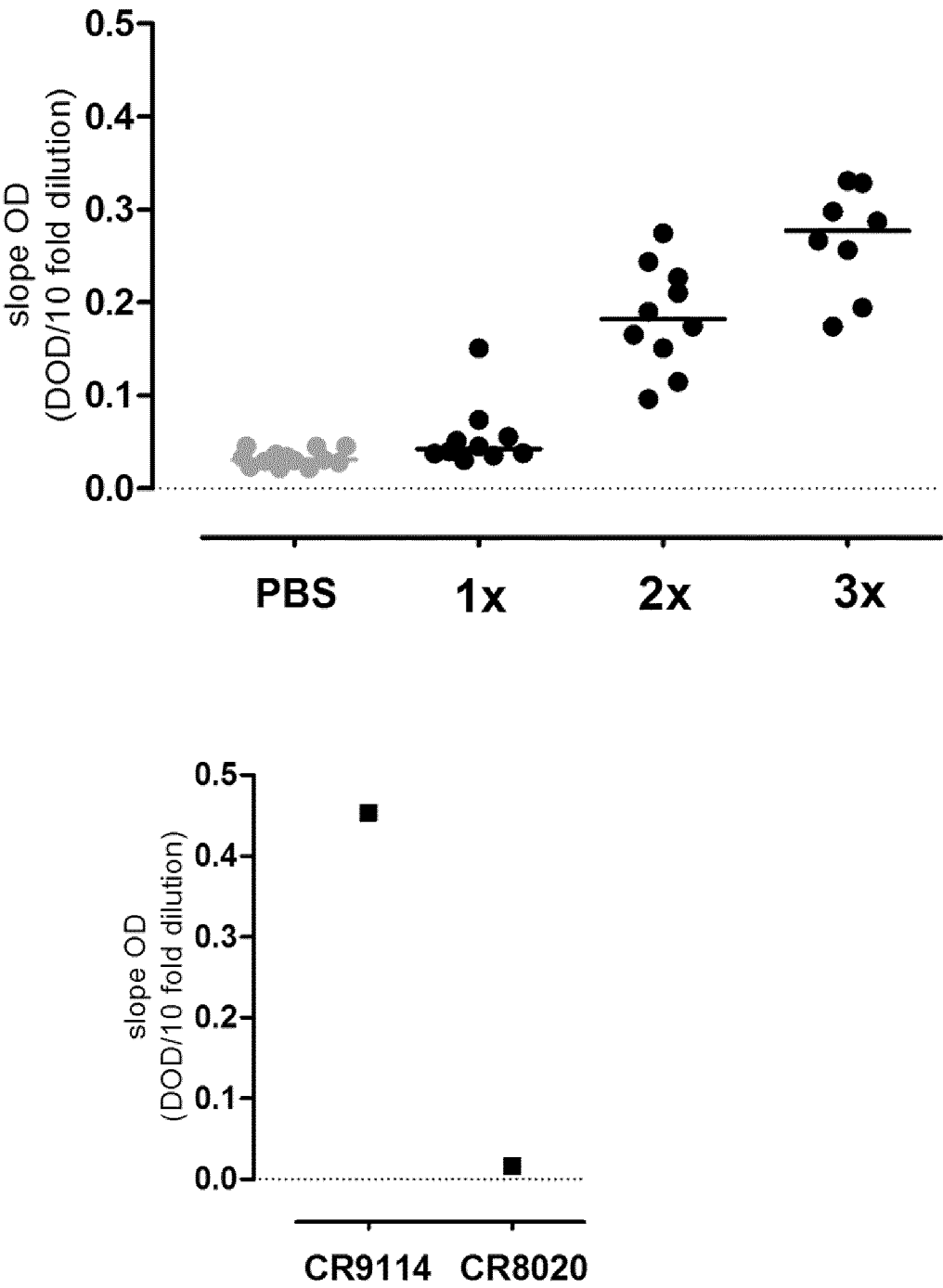
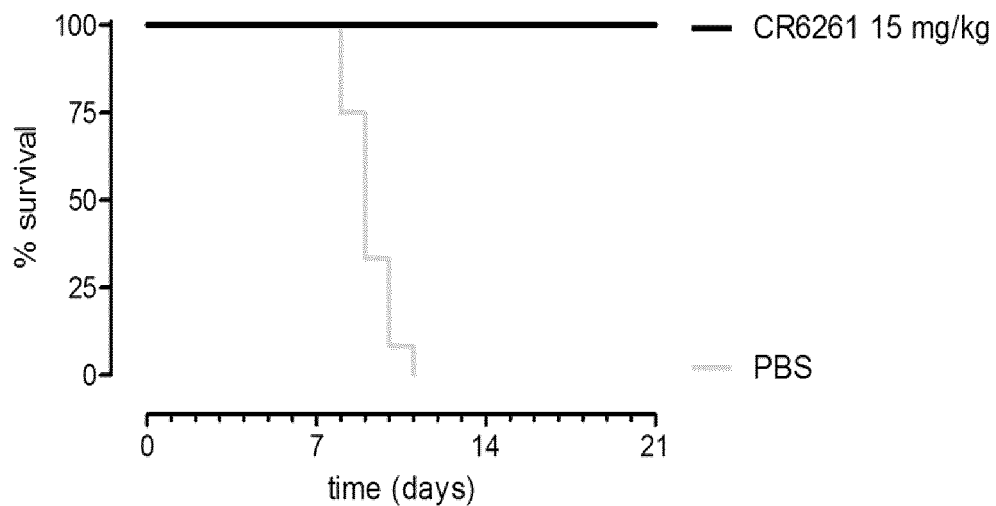
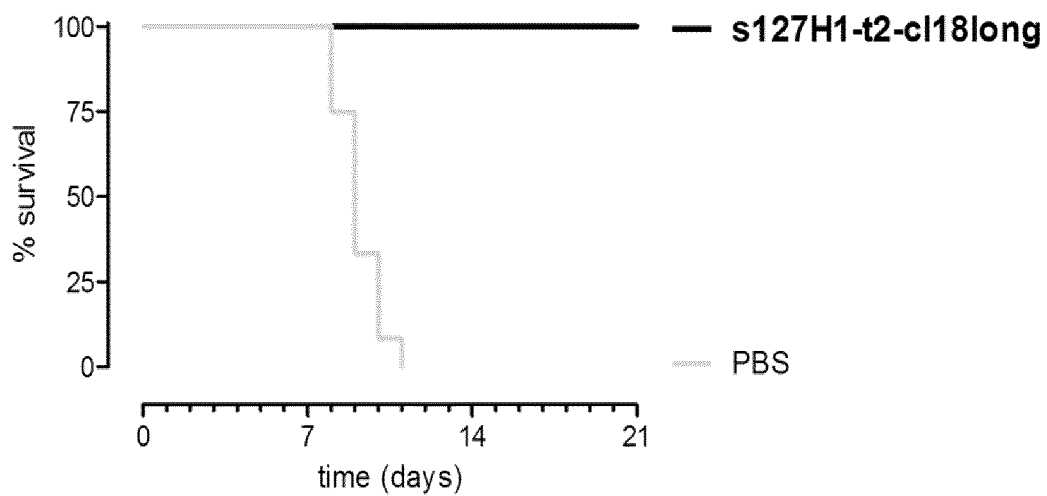
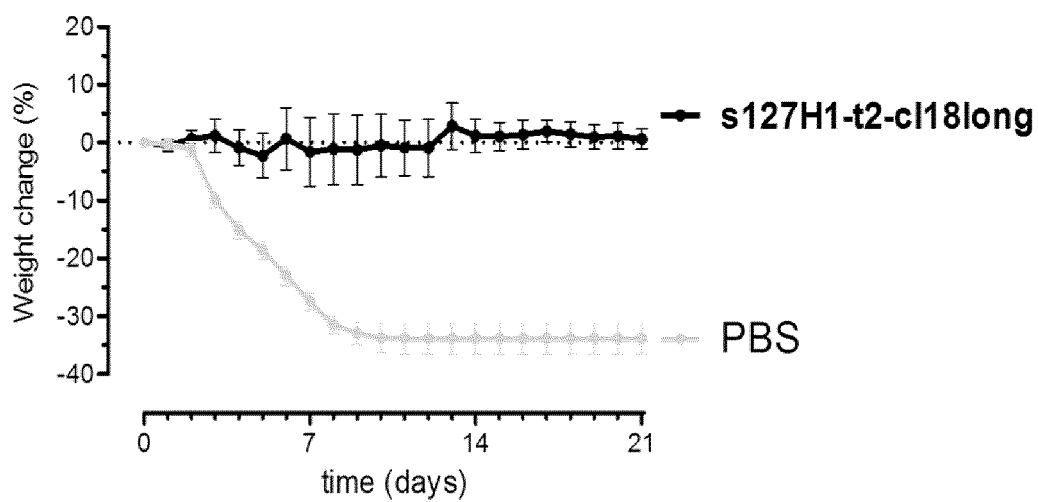
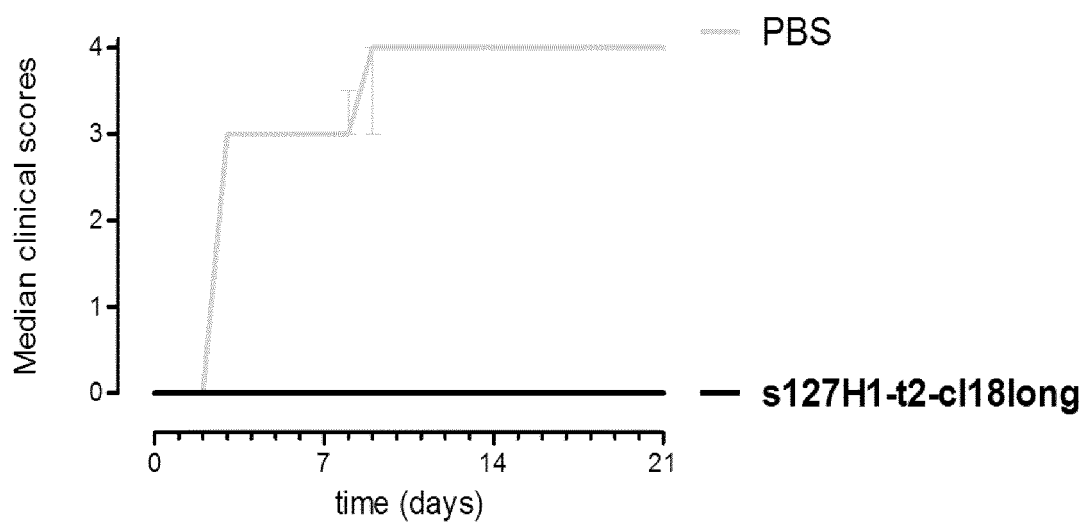
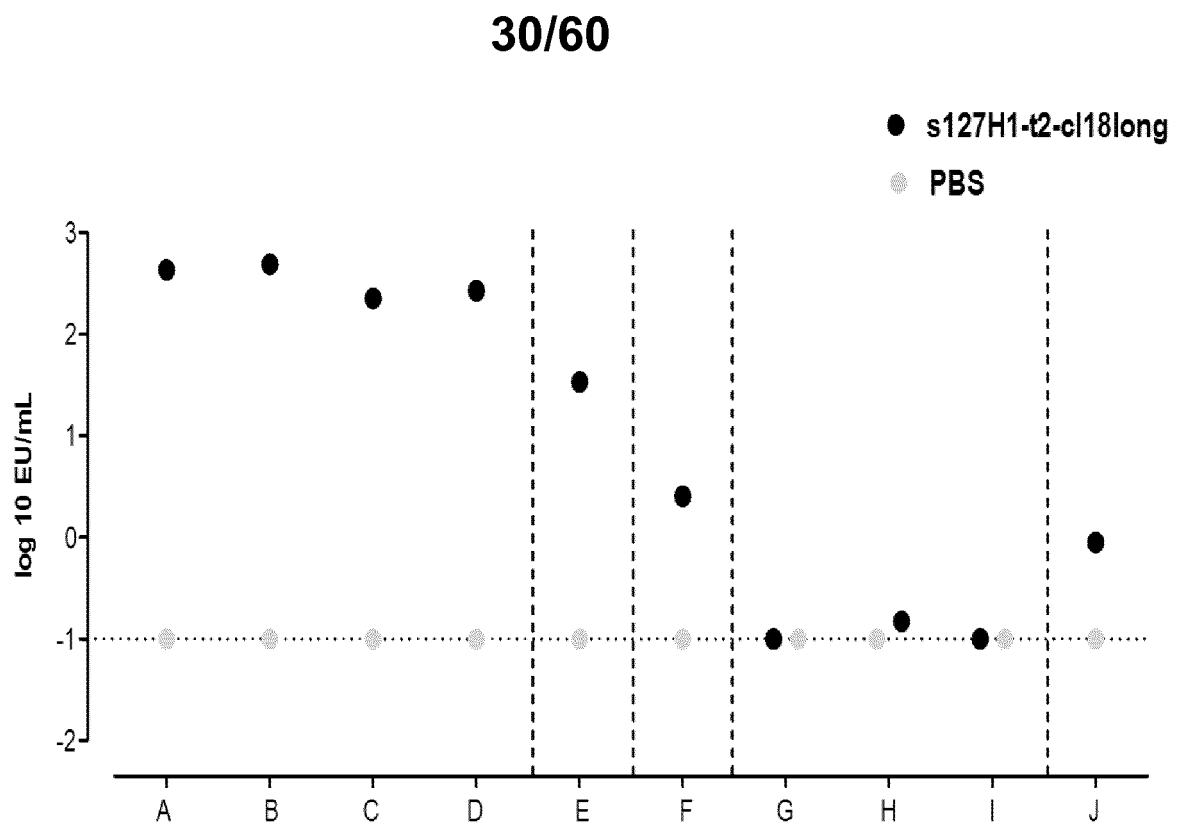


Fig. 15

28/60**Fig. 16A****Fig. 16B**

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Fig. 16C**Fig. 16D**



Code	Strain
A	H1 A/Brisbane/59/2007
B	H1 A/California/07/09
C	H1 A/New Caledonia/20/1999
D	H1 A/Puerto Rico/8/1934
E	H5 A/Vietnam/1203/2004
F	H9 A/Hong Kong/ 1073/1999
G	H3 A/Brisbane/10/2007
H	H3 A/Wisconsin/67/2005
I	H3 A/Texas/50/2012
J	H7 A/Netherlands/219/03

Fig. 17

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Fig. 18A

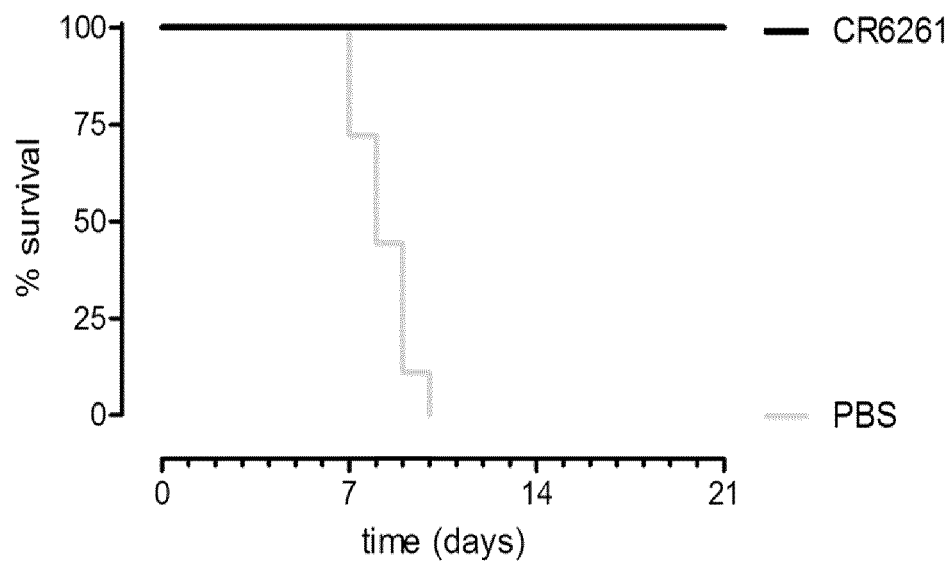
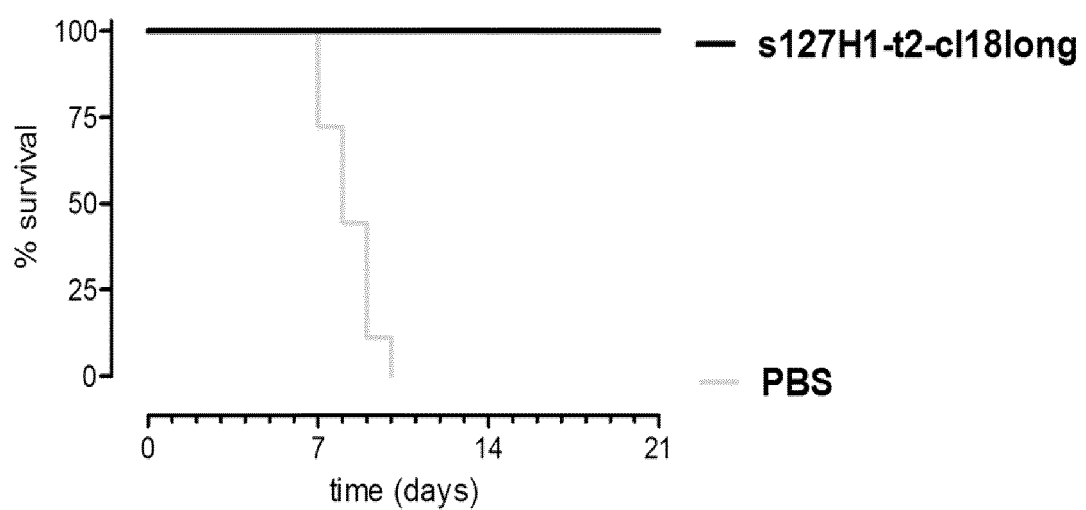


Fig. 18B



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Fig. 18C

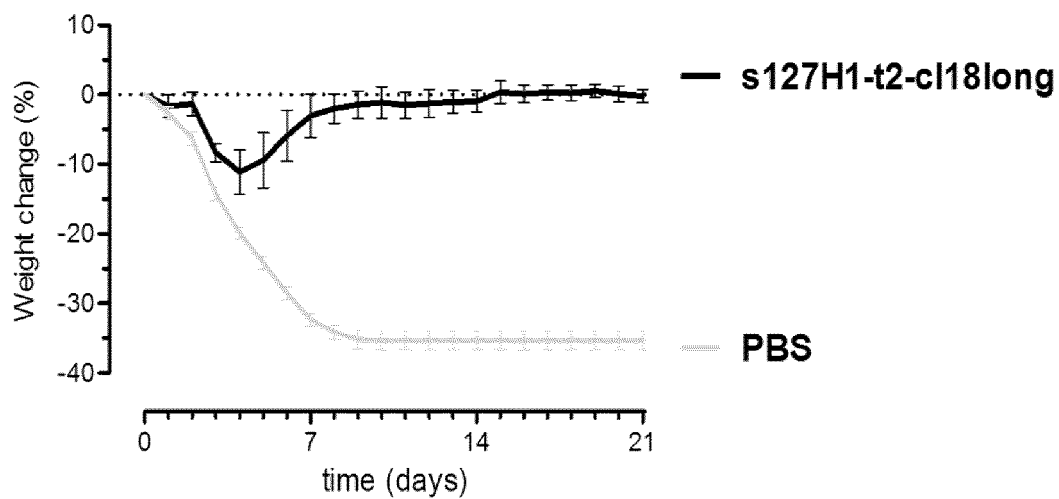
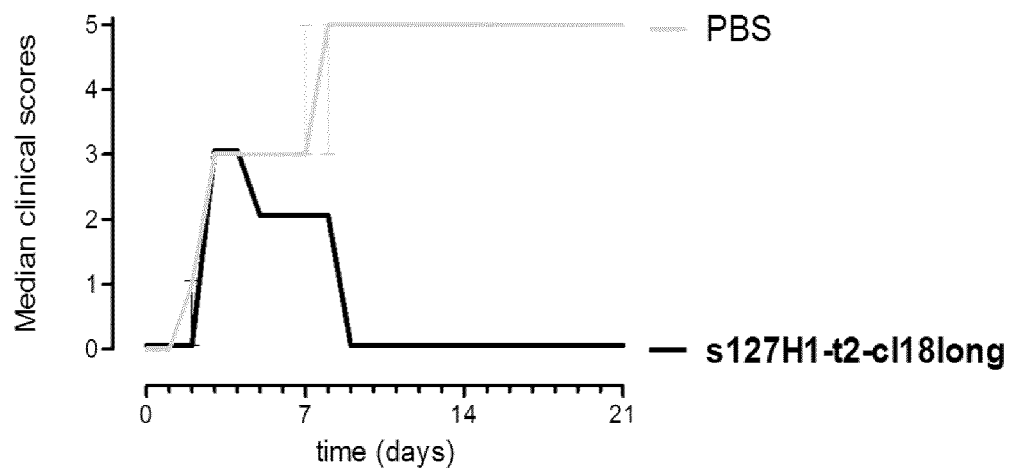


Fig. 18D



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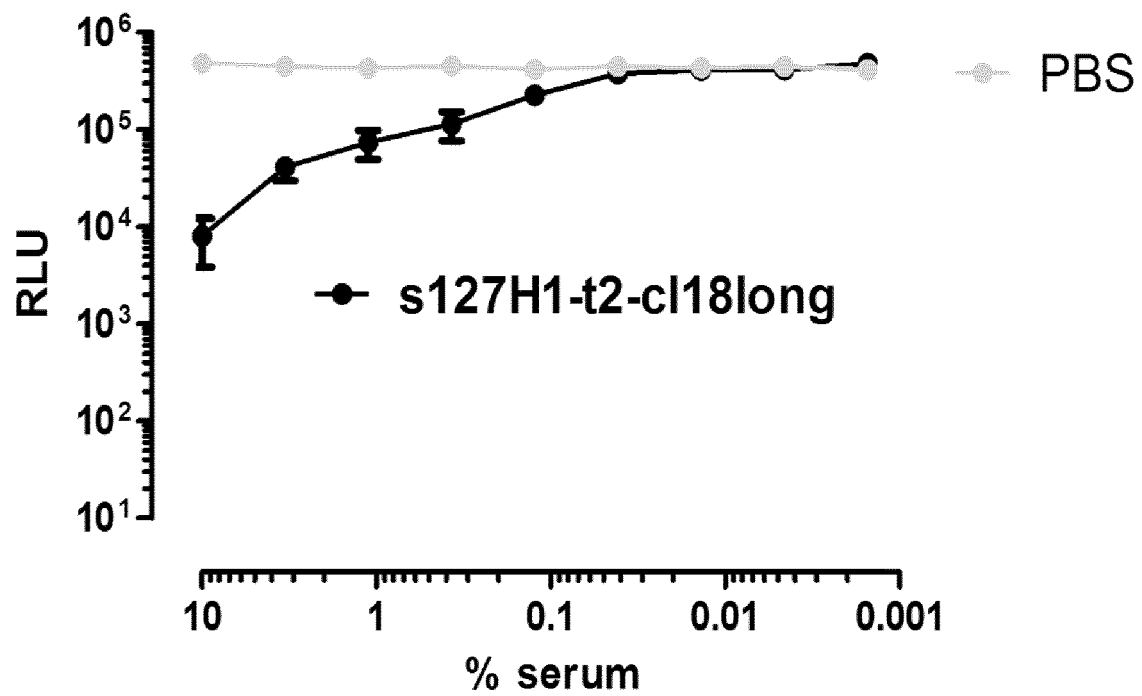
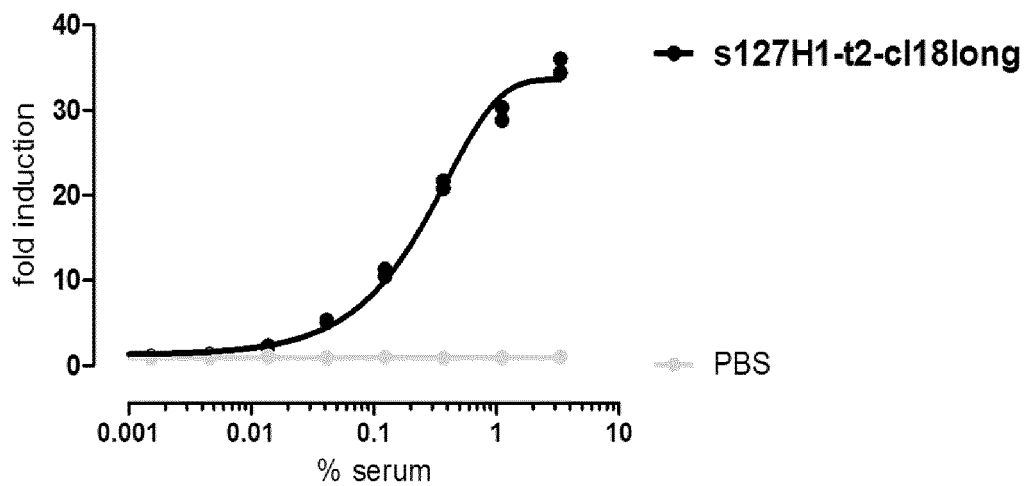
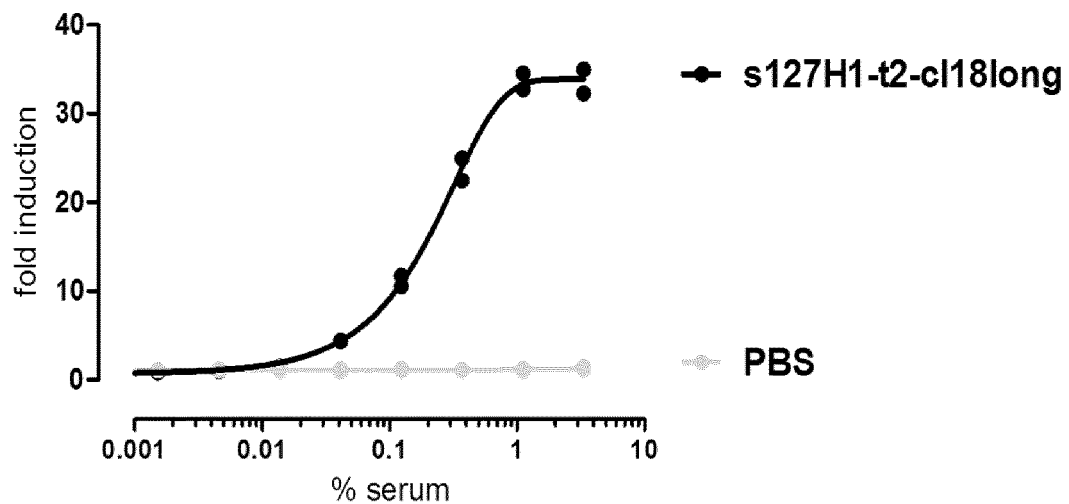


Fig. 19

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Fig. 20A**Target: FL HA H5 A/Hong Kong/156/97****Fig. 20B****Target: FL HA H1 A/Brisbane/59/2007**

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CR9114 sandwich

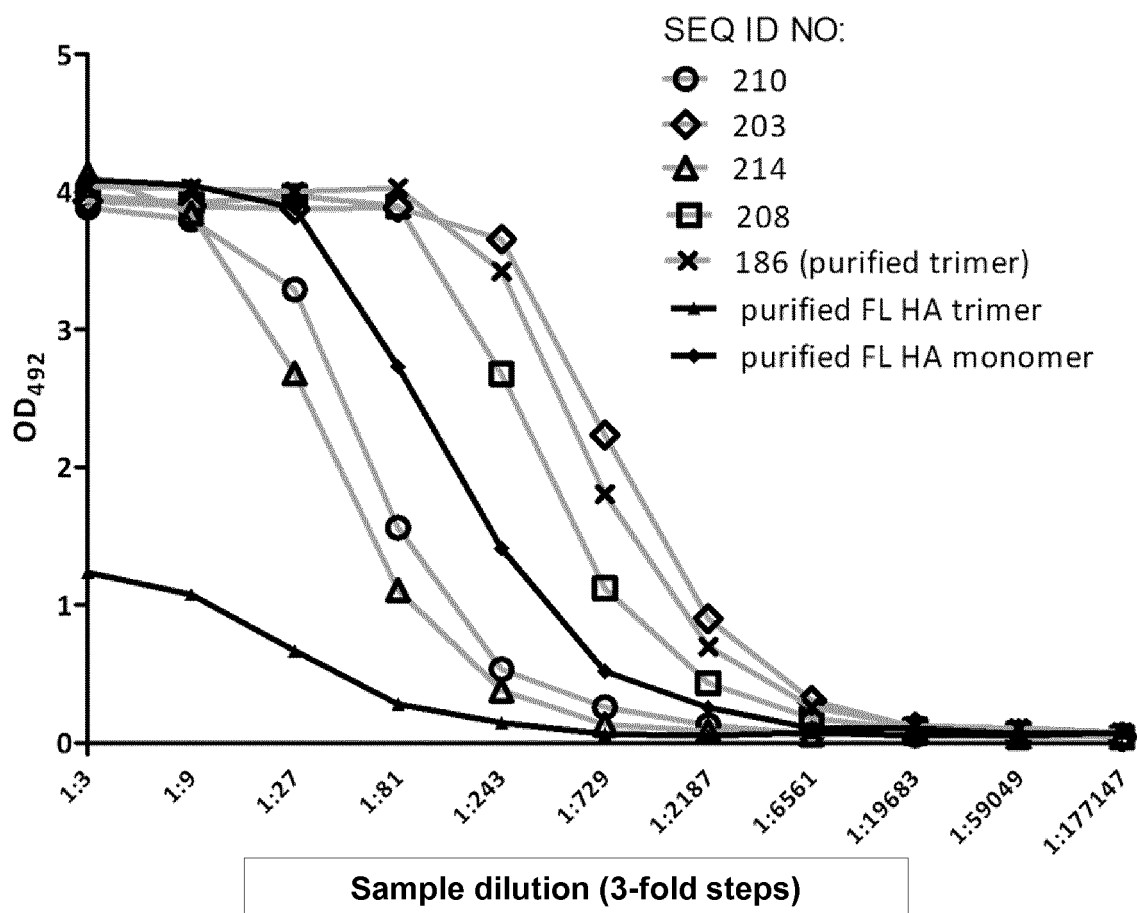


Fig. 21 A

36/60

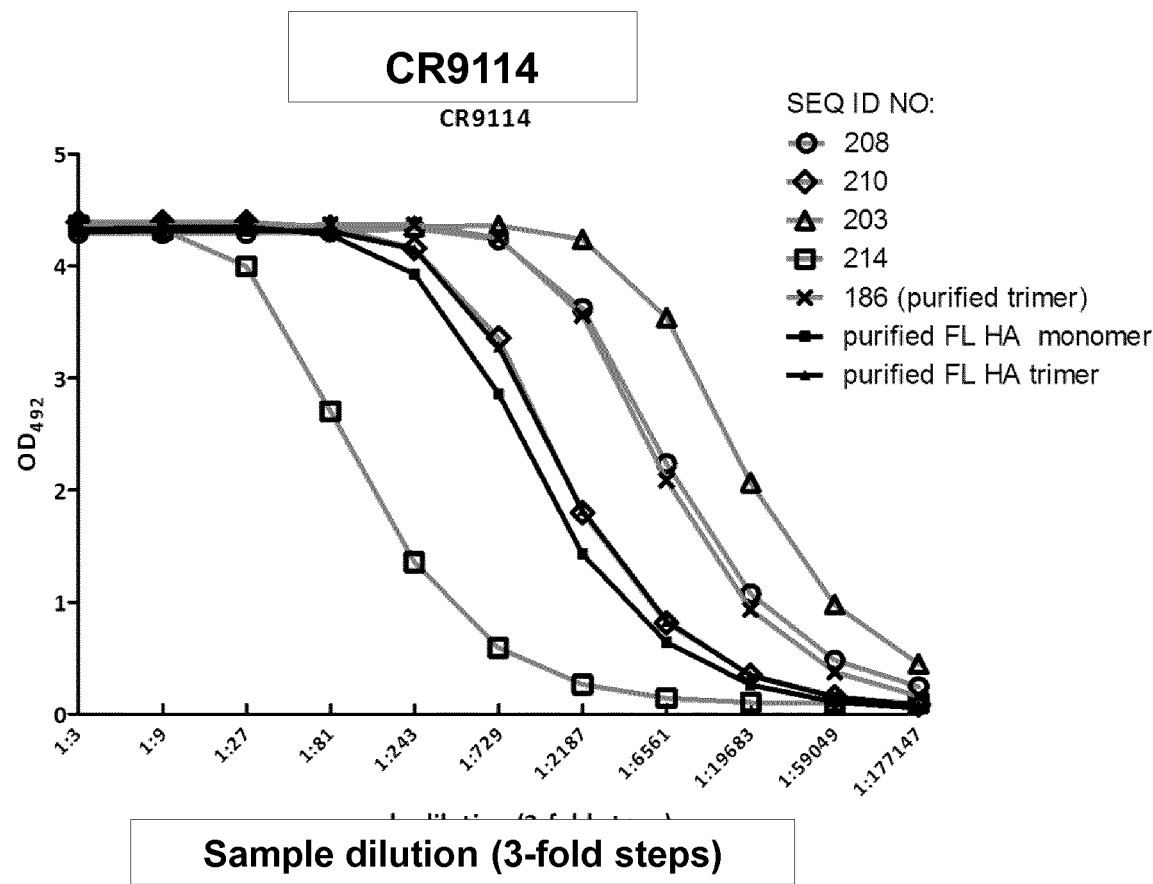


Fig. 21 B

37/60

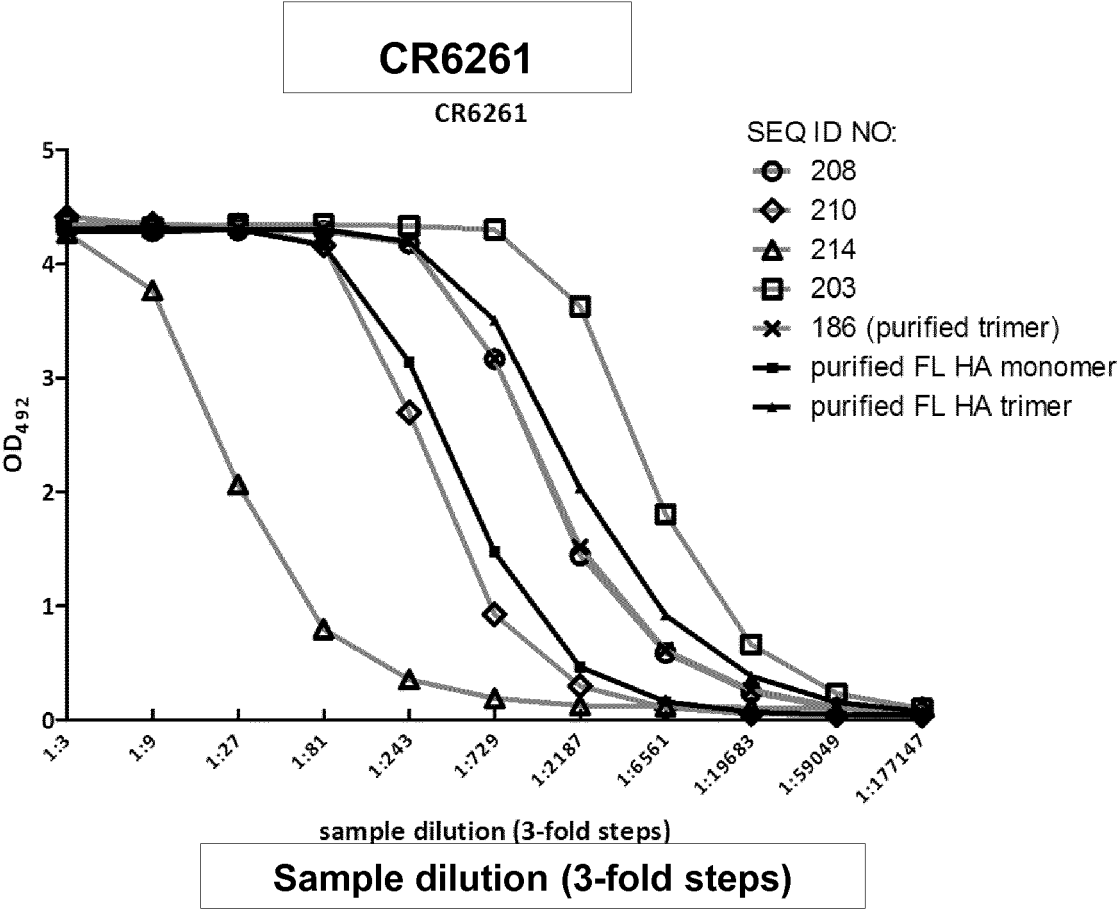


Fig. 21 C

38/60

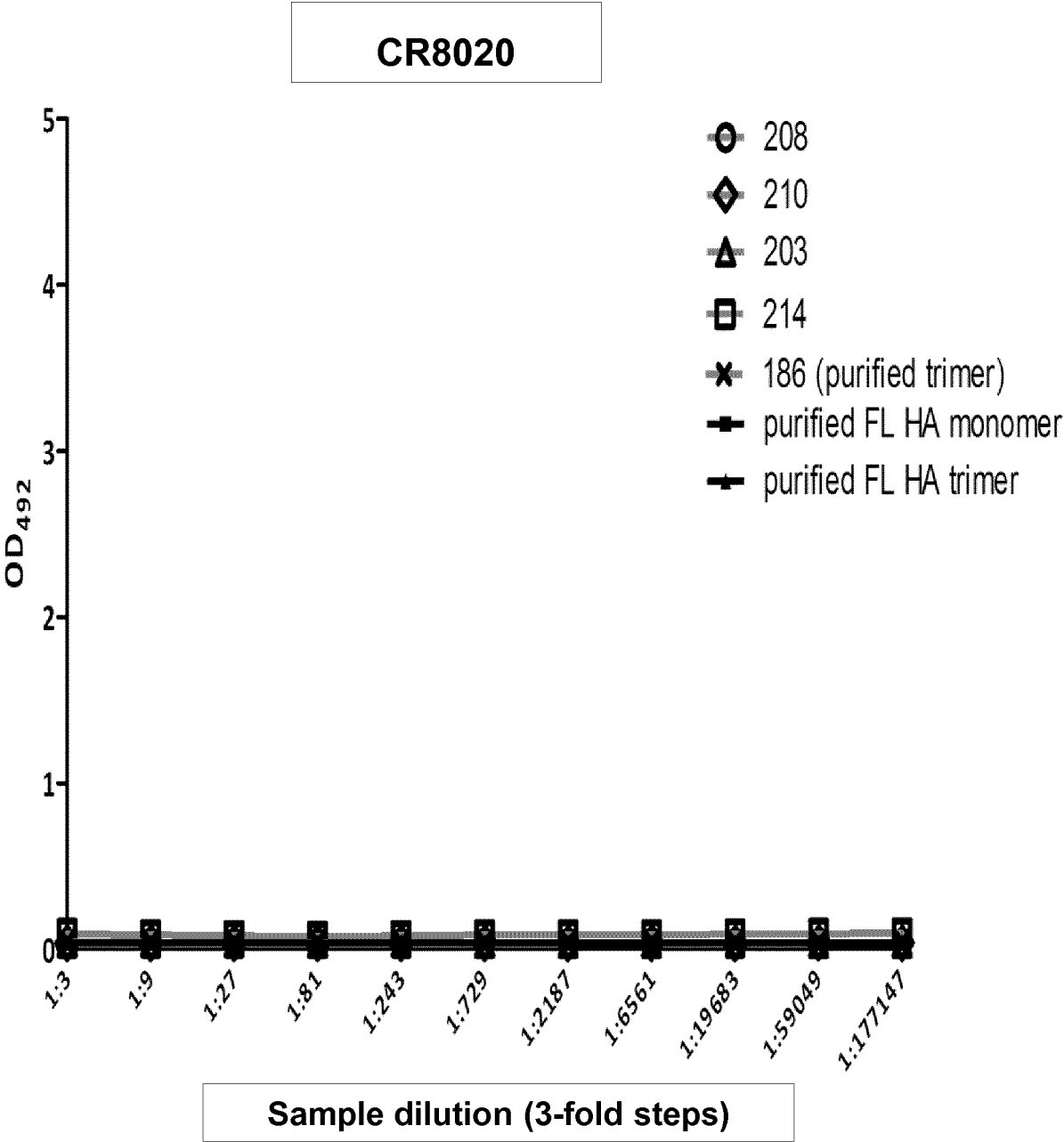


Fig. 21 D

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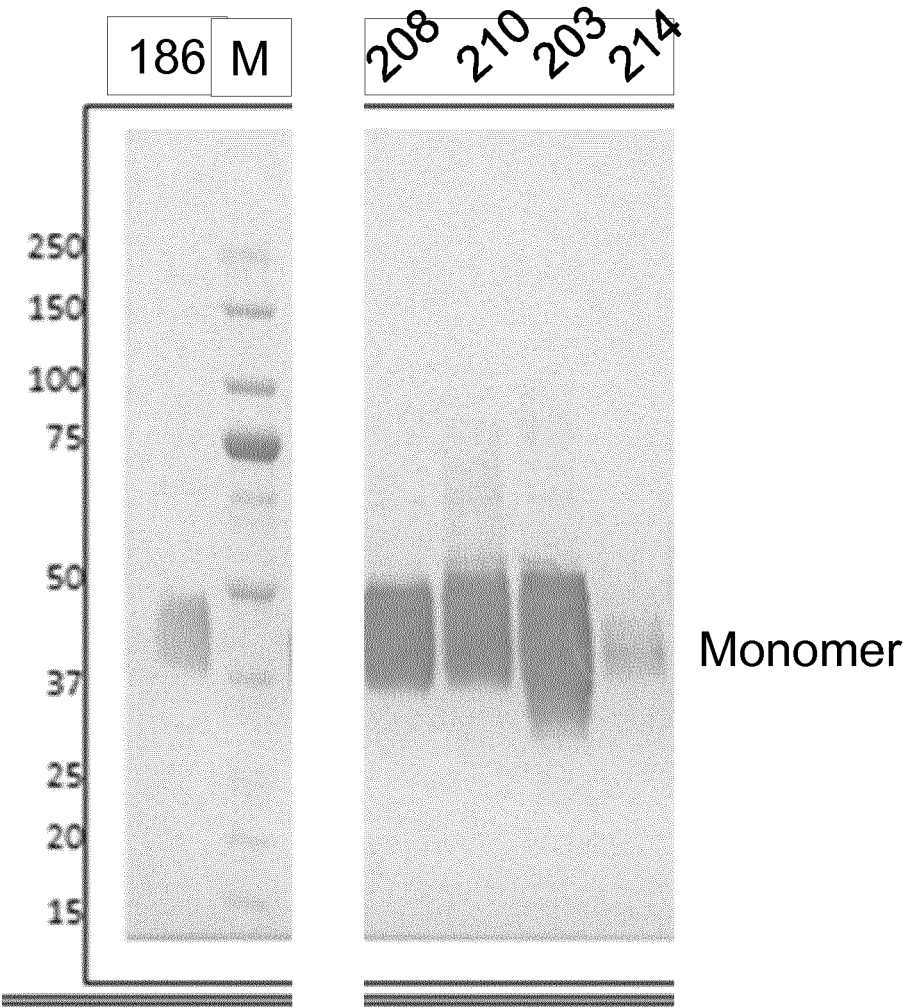


Fig. 22

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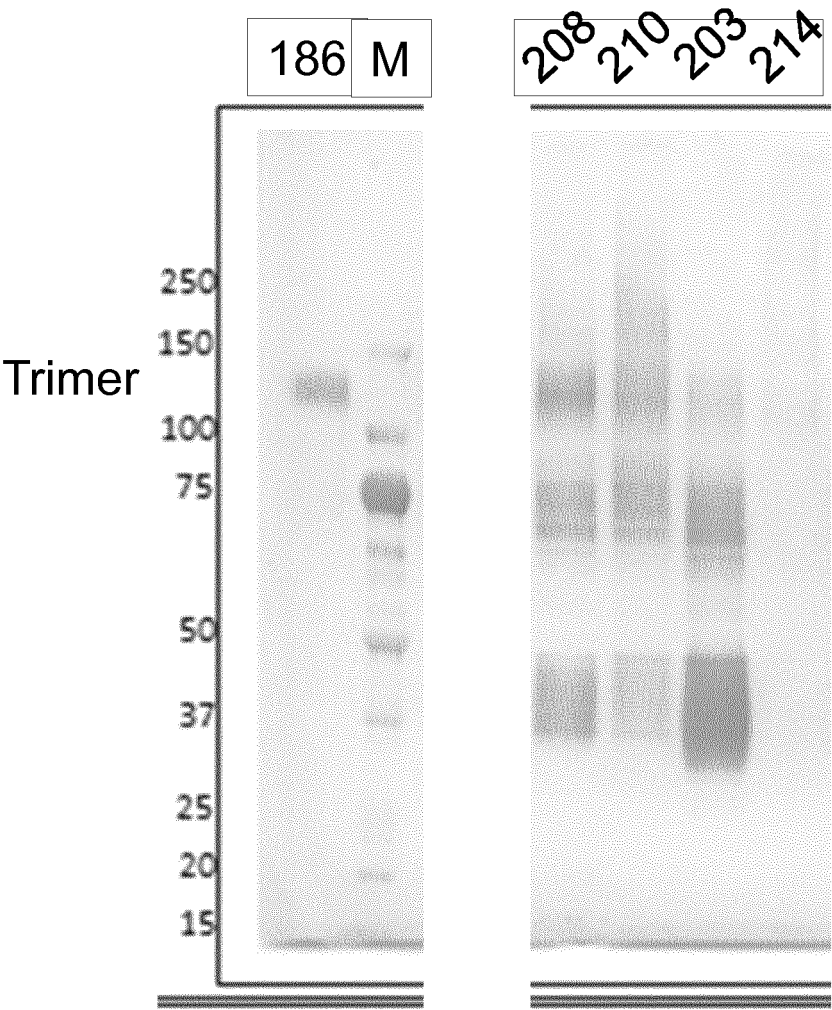


Fig. 22 - continued

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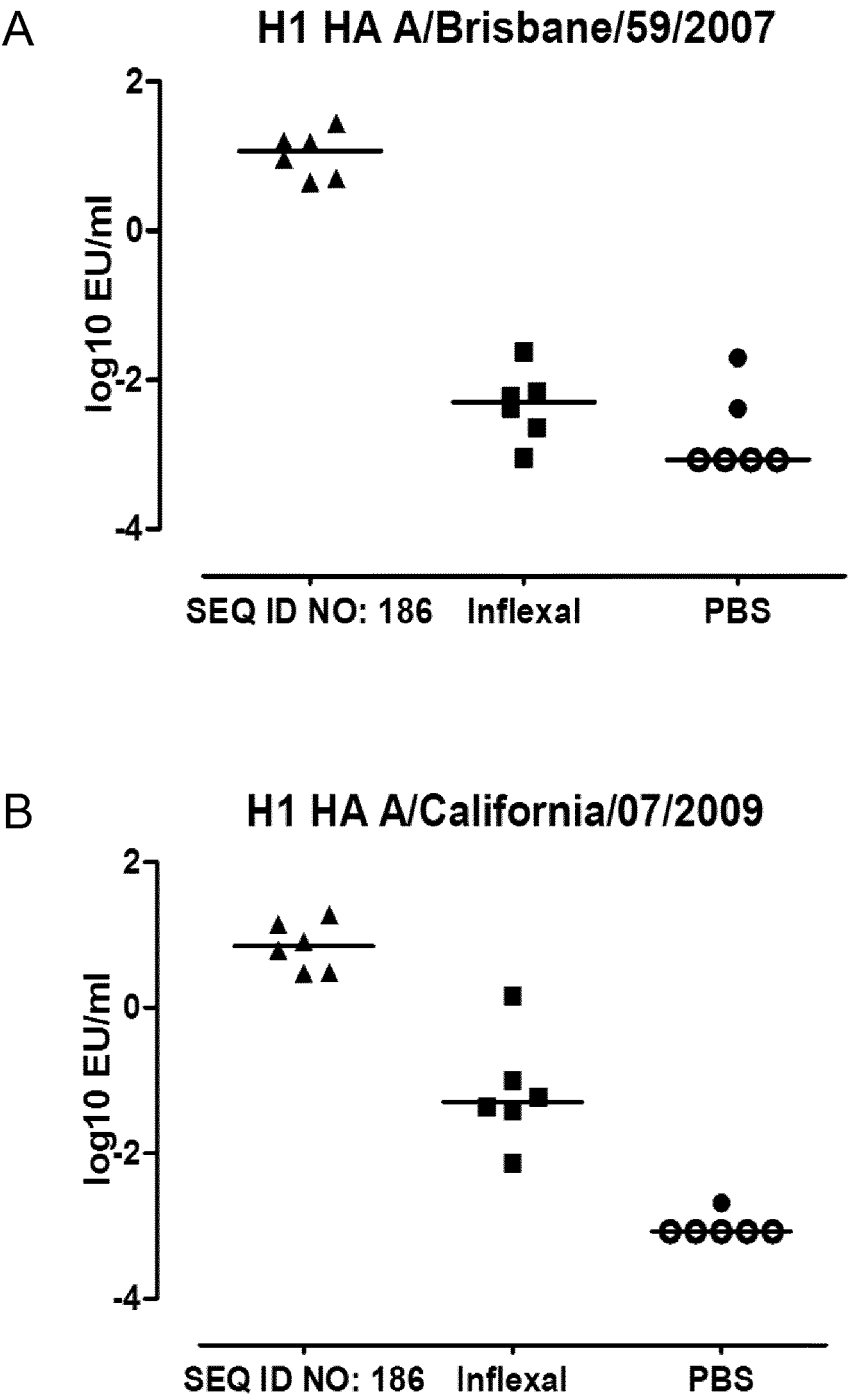


Fig 23

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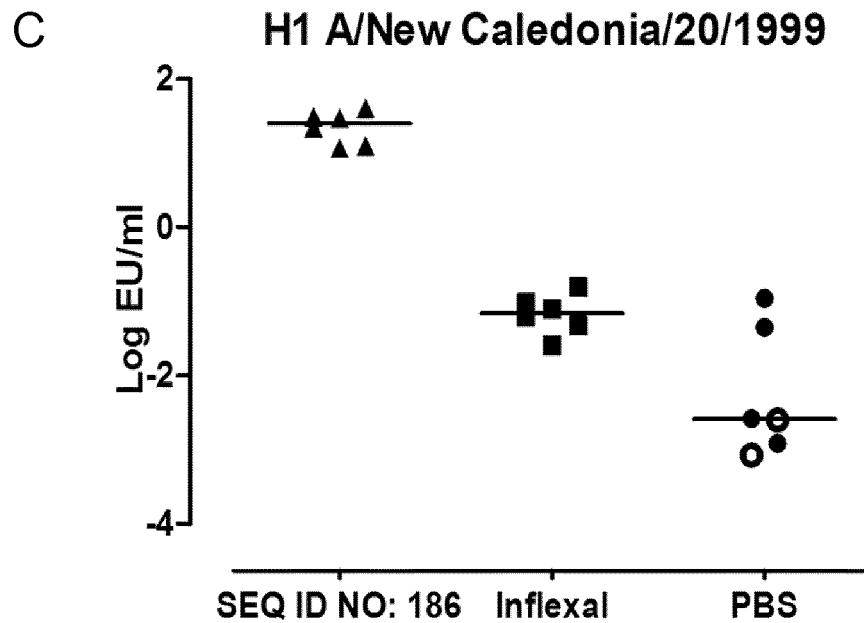
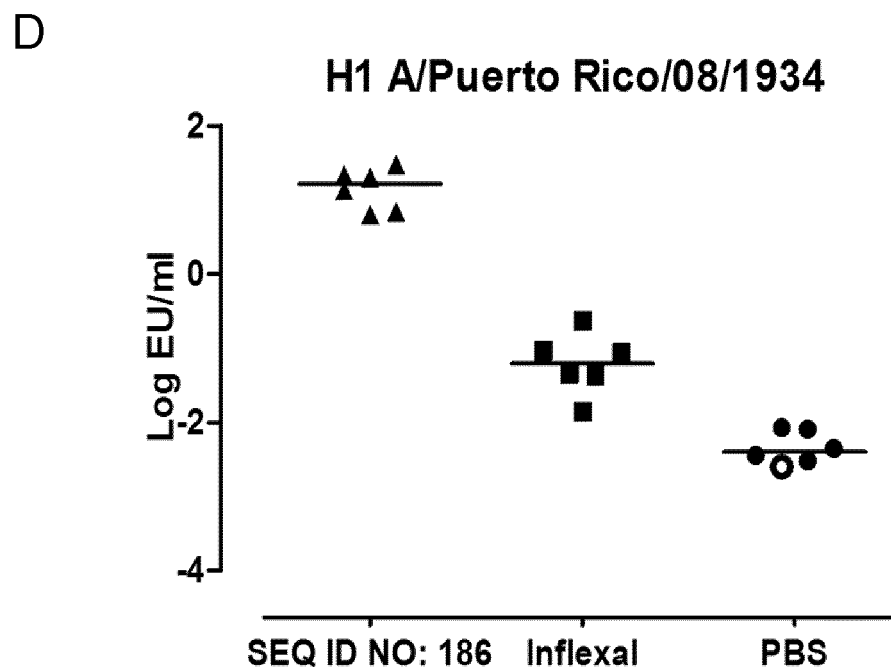


Fig. 23 - continued

43/60

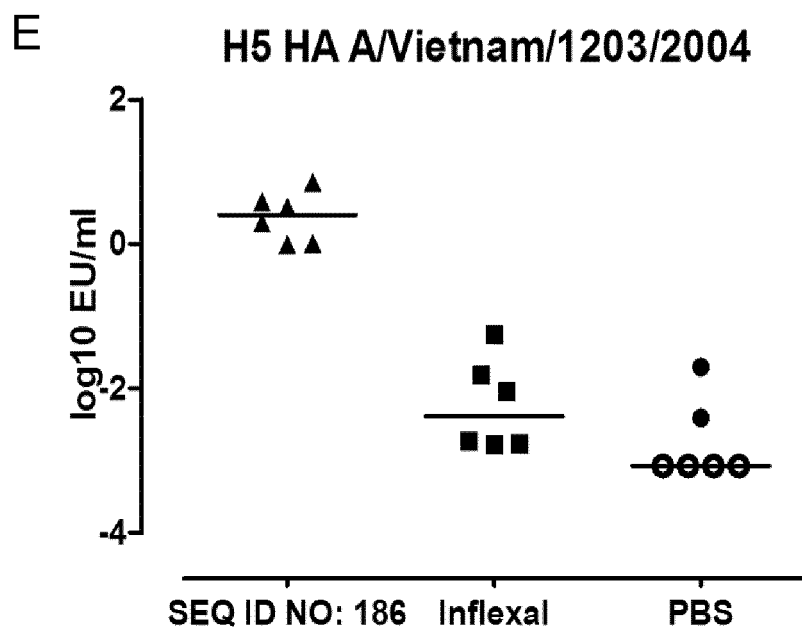
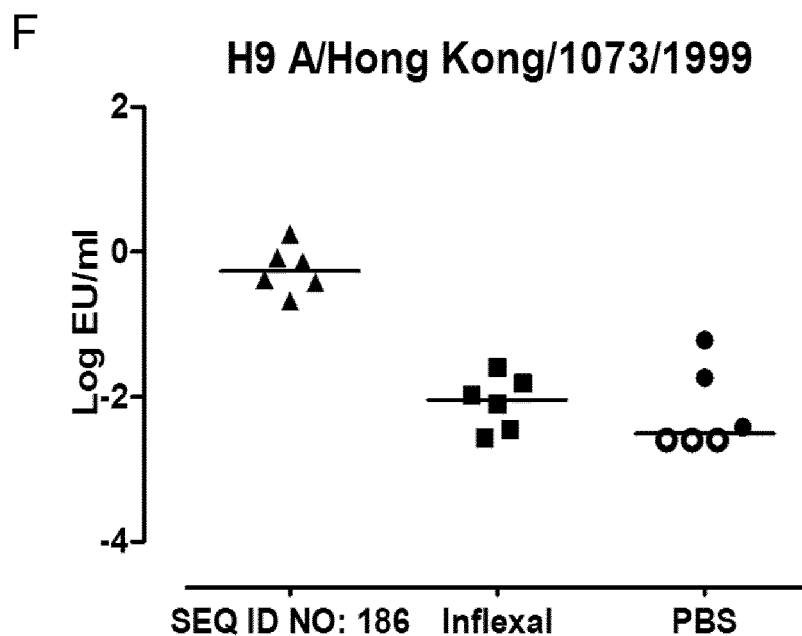


Fig. 23 - continued

44/60

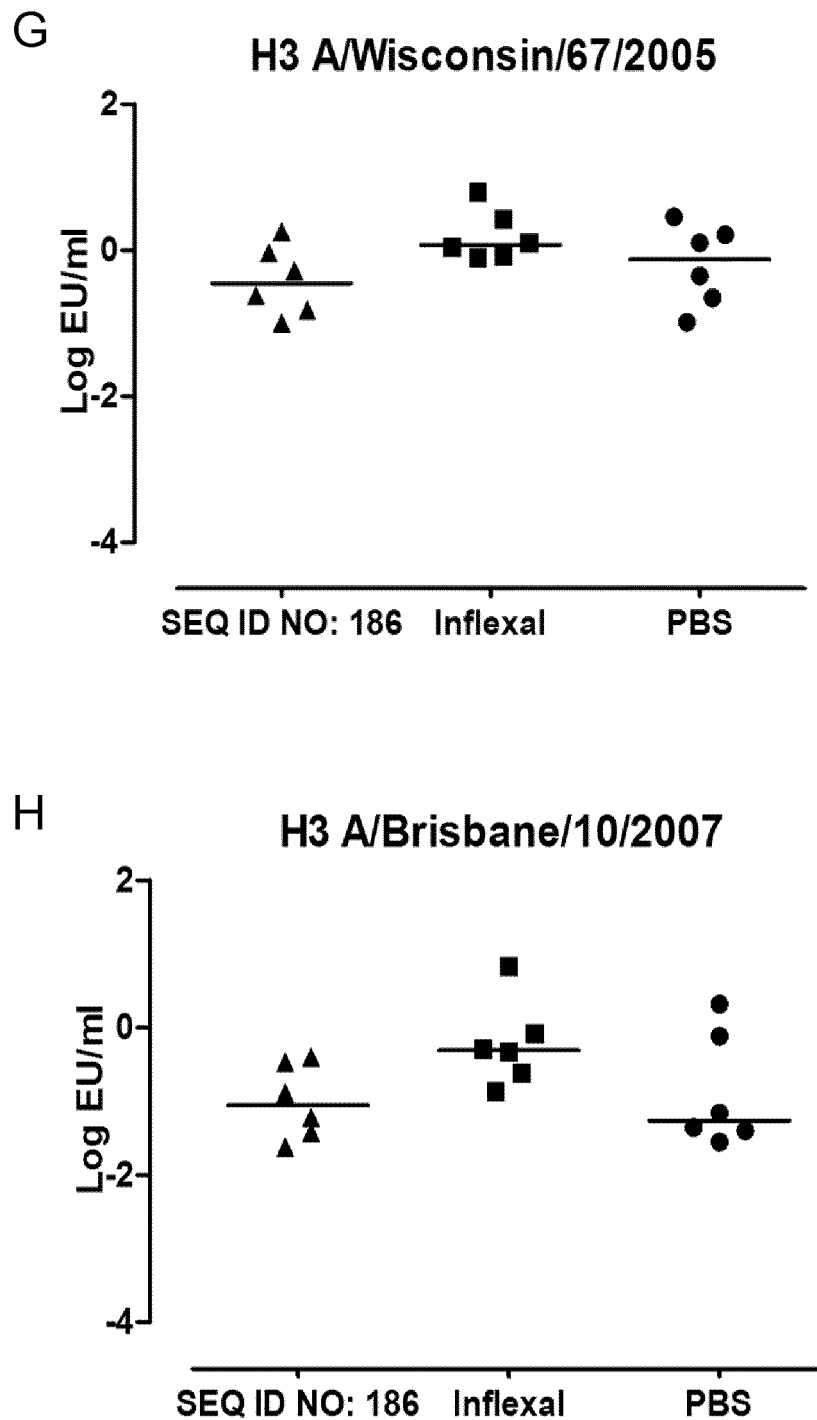


Fig. 23 - continued

45/60

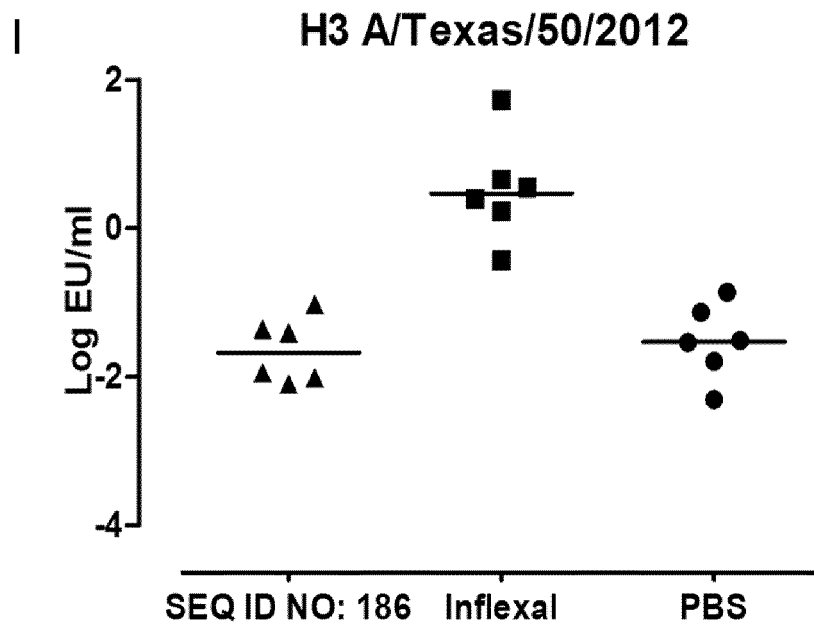
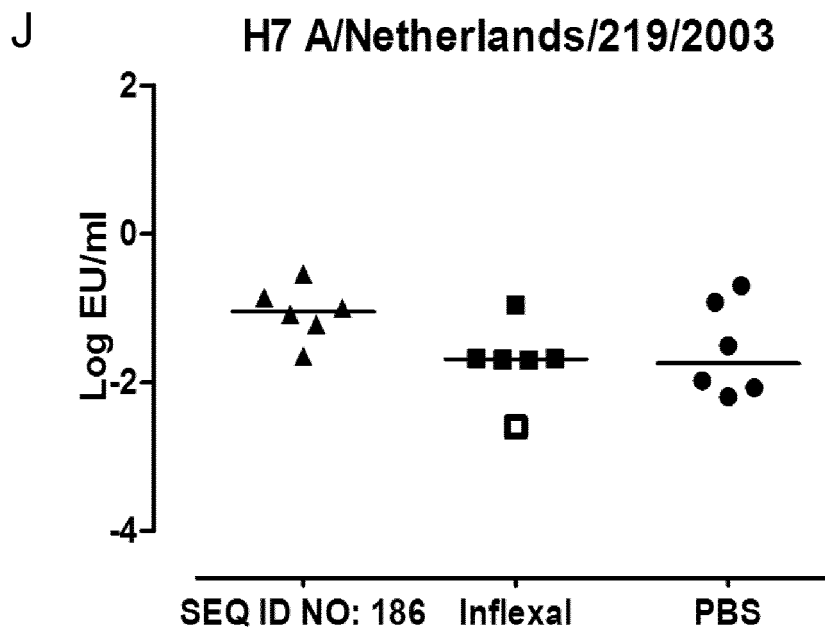
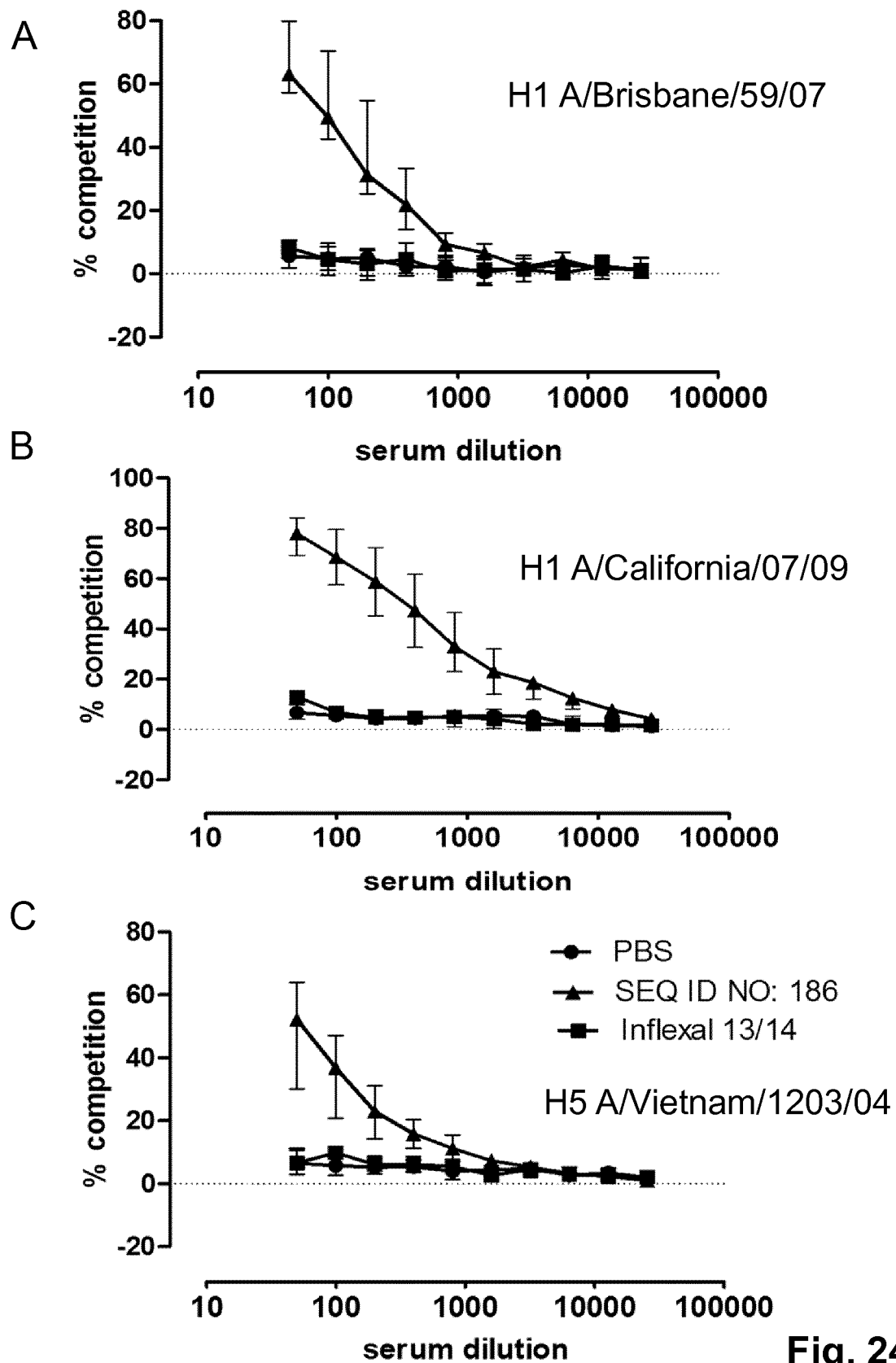


Fig. 23 - continued

46/60**Fig. 24**

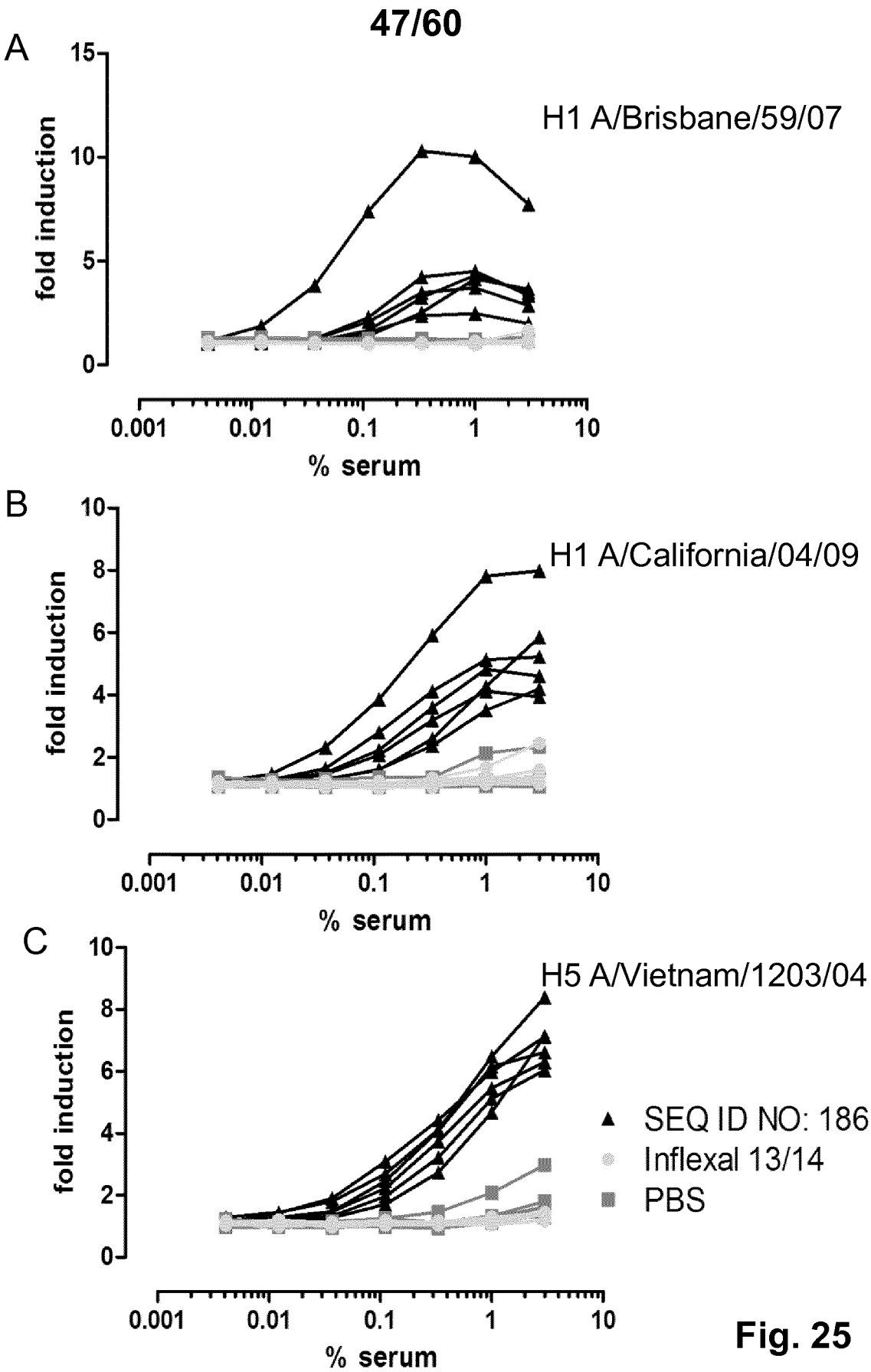


Fig. 25

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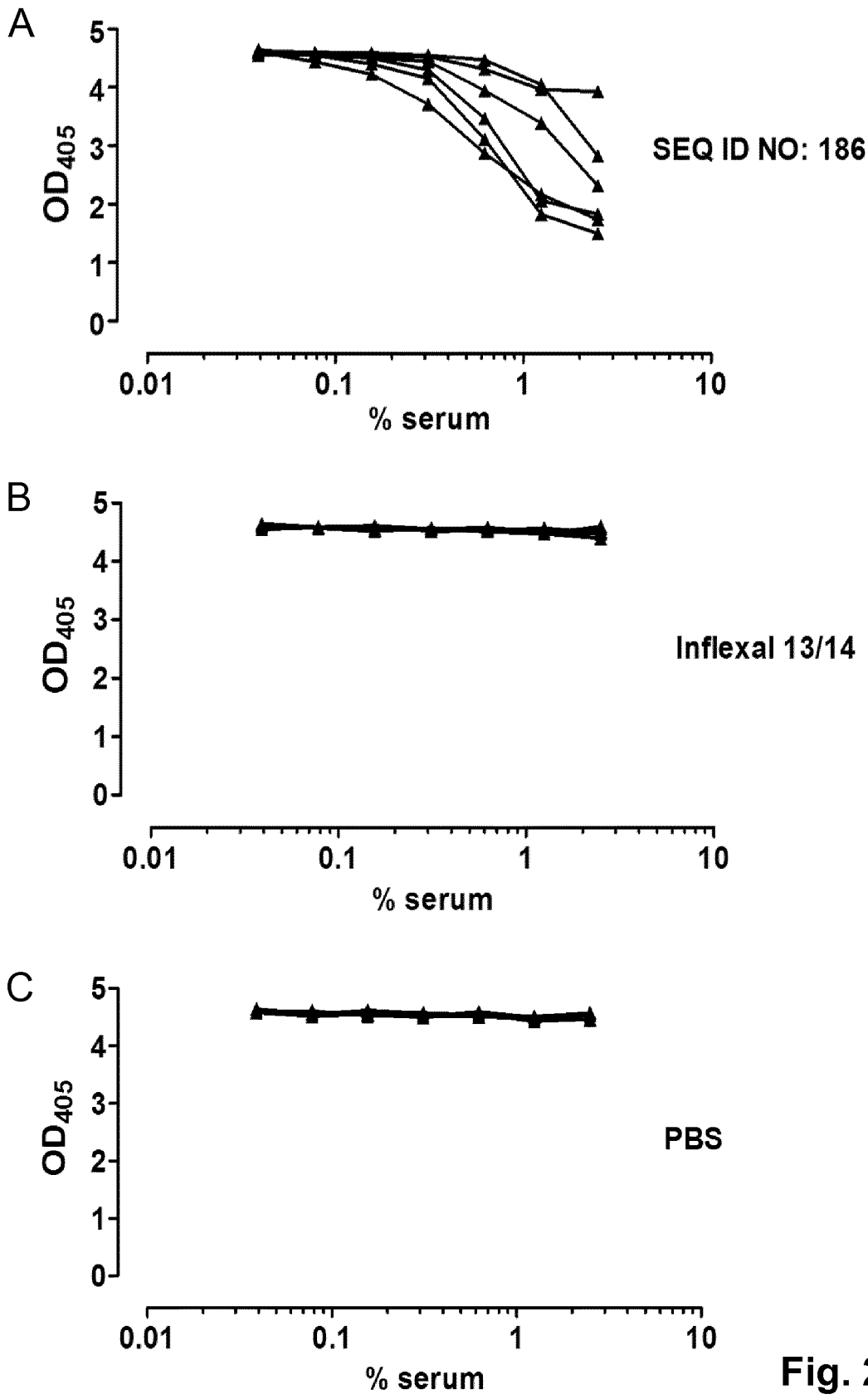


Fig. 26

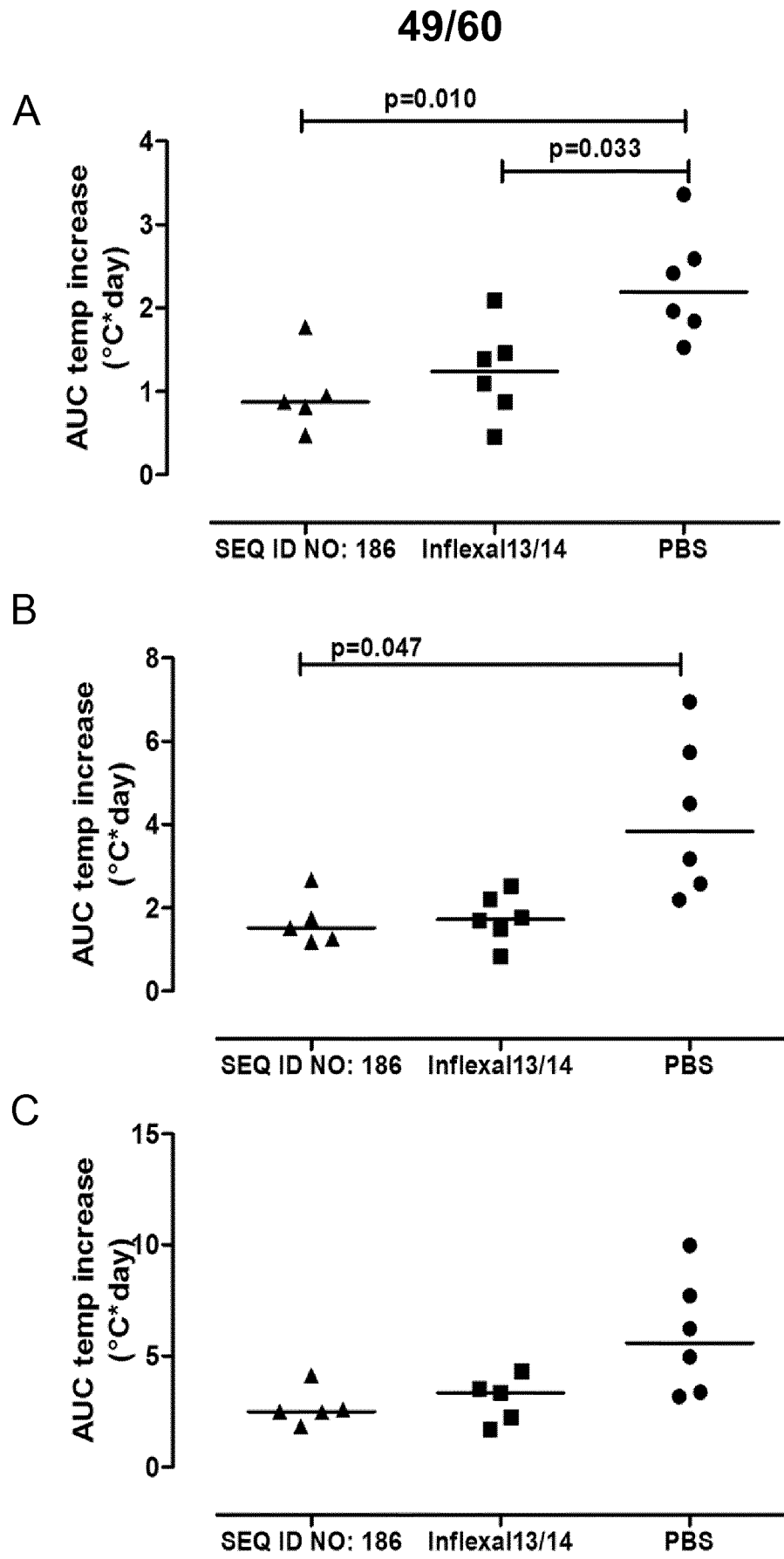
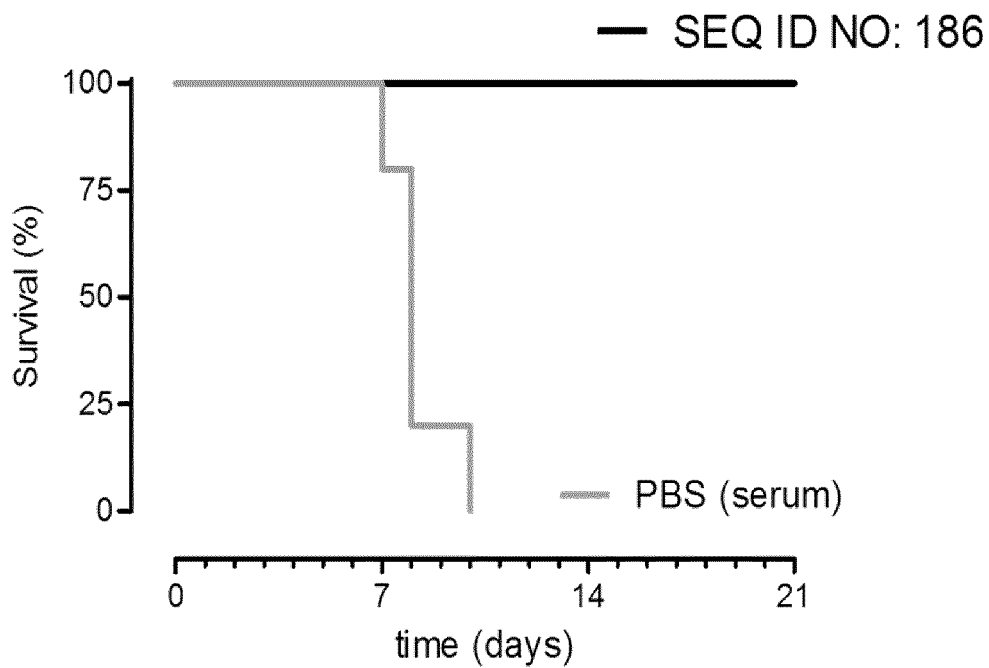
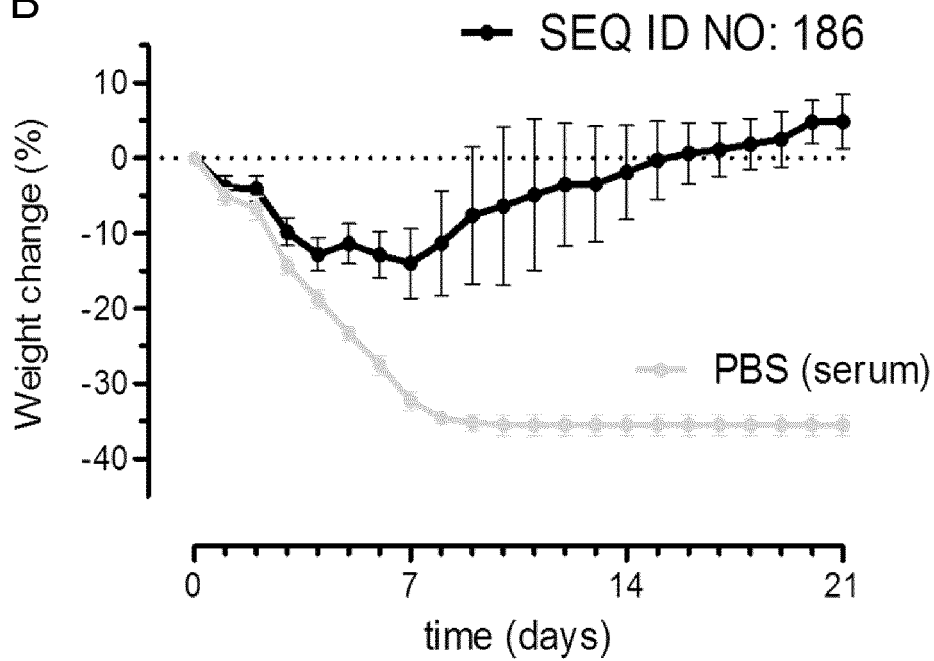


Fig. 27

50/60**A****B****Fig. 28**

51/60

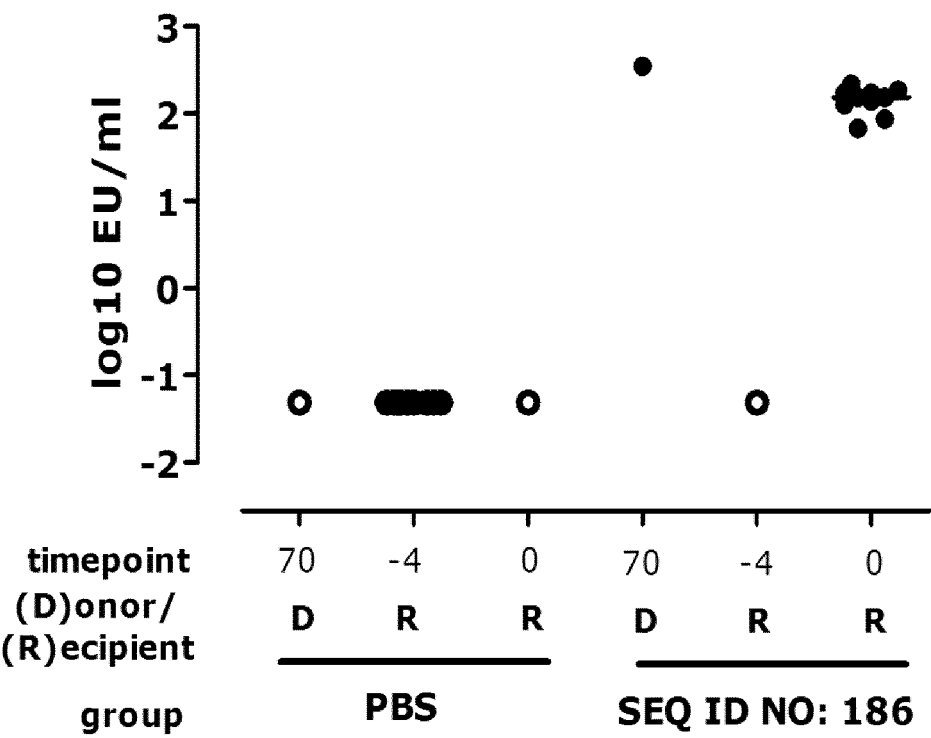
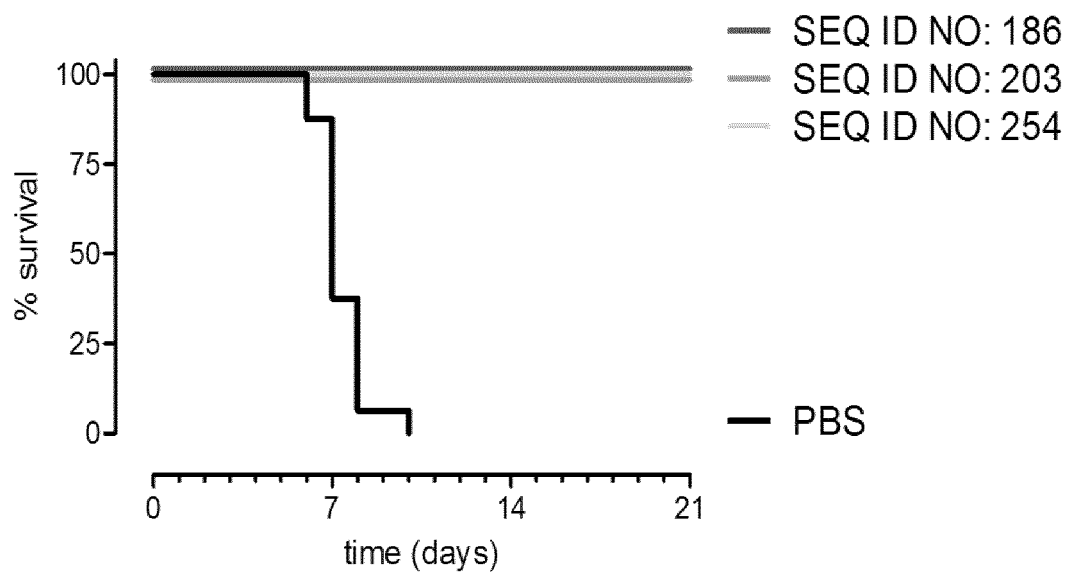


Fig. 29

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A



B

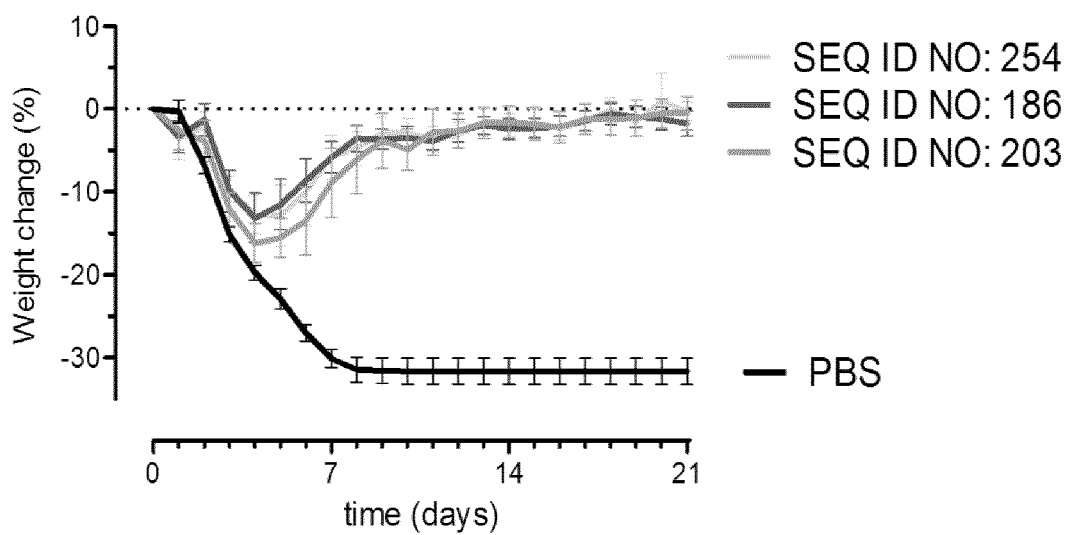


Fig. 30

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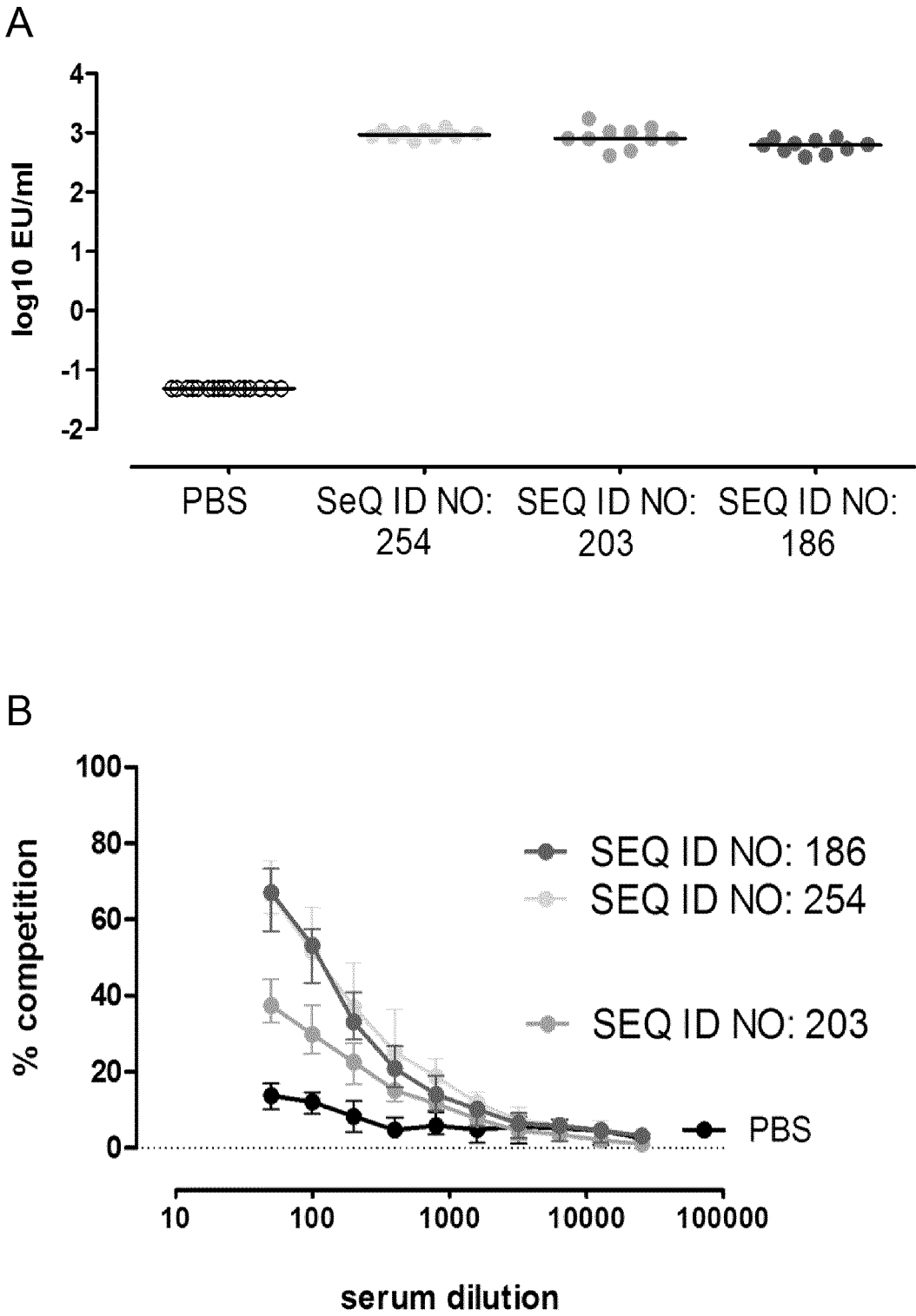
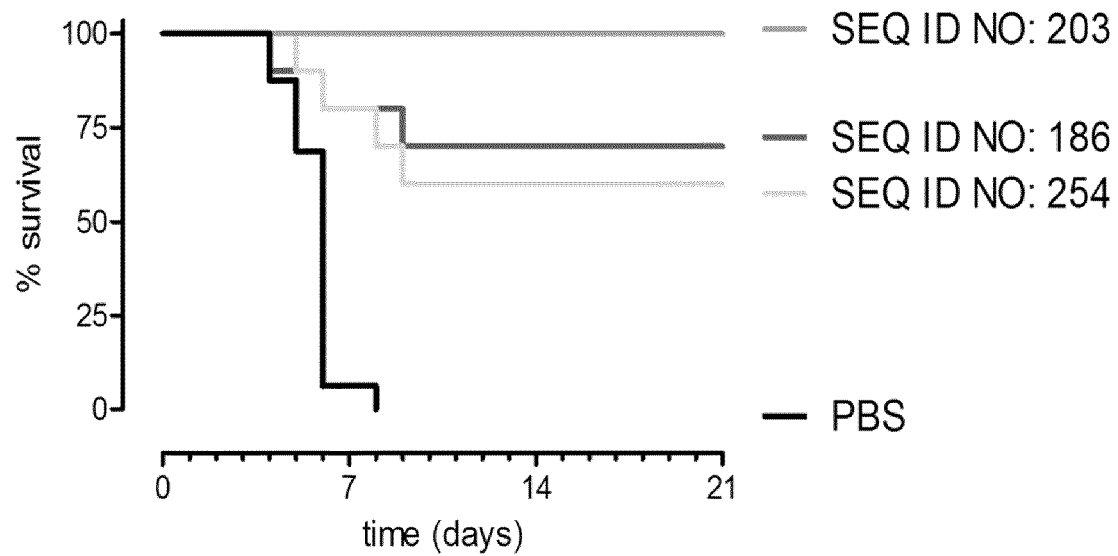


Fig. 31

54/60

A



B

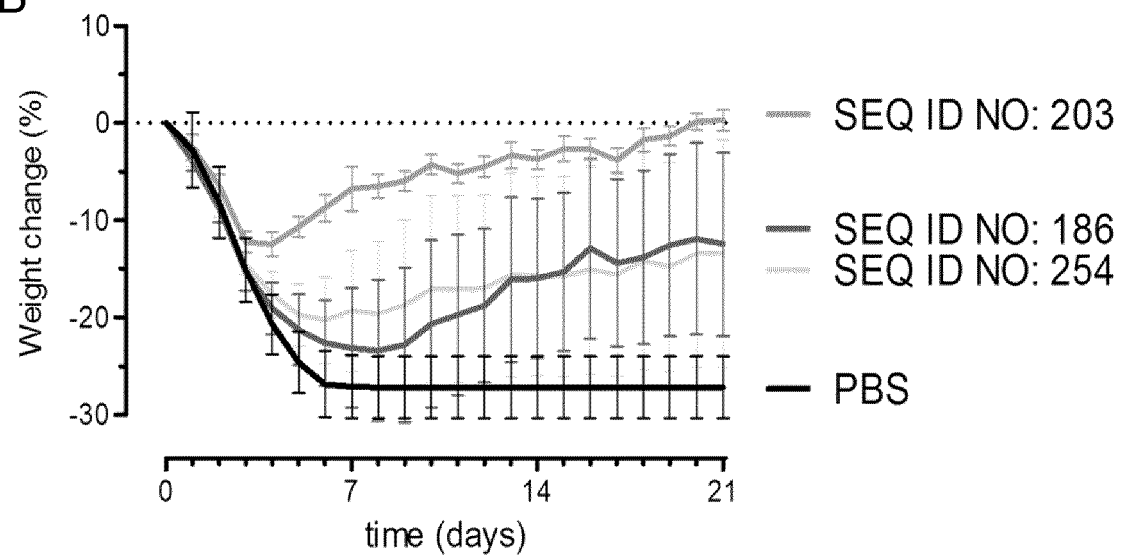
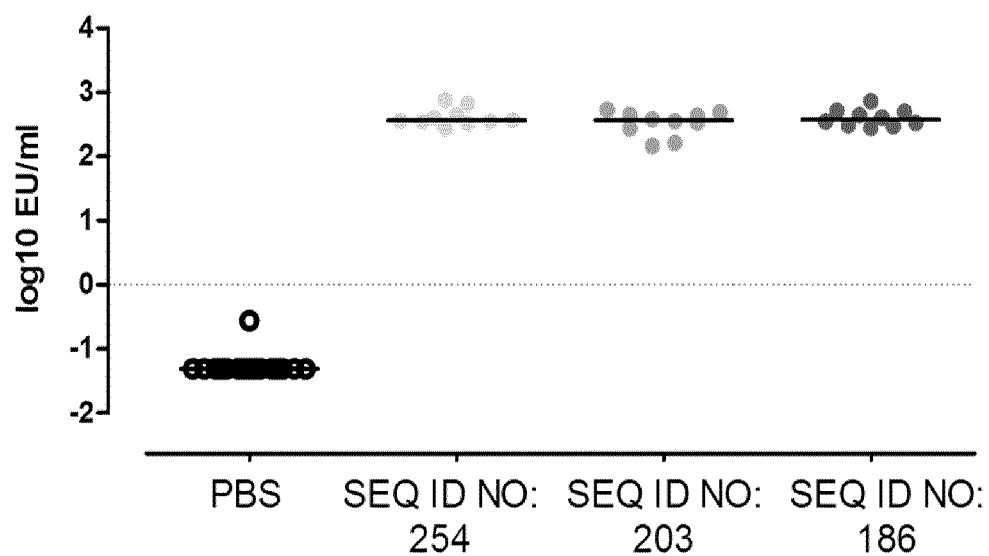


Fig. 32

55/60

A



B

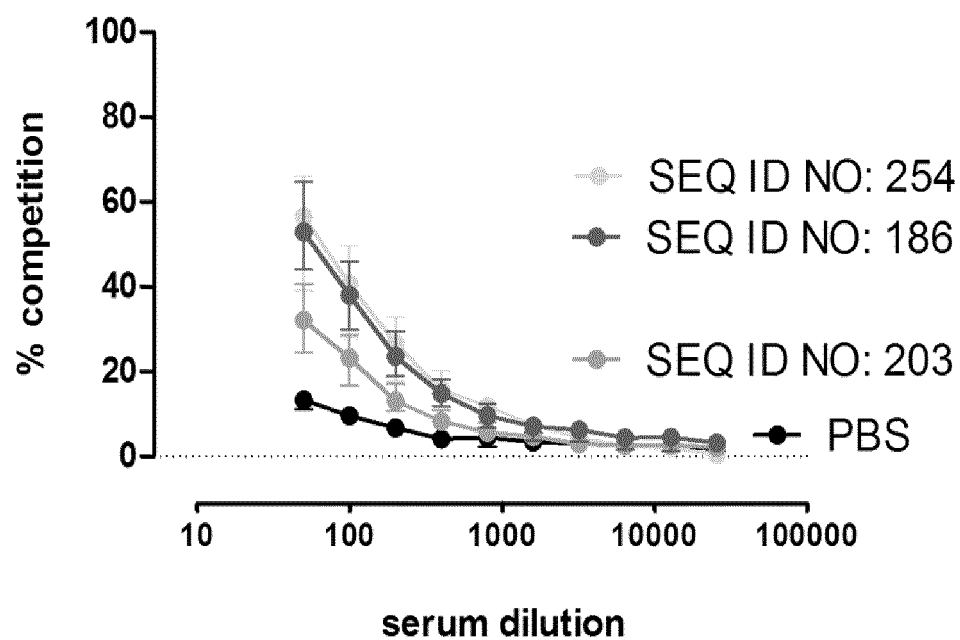
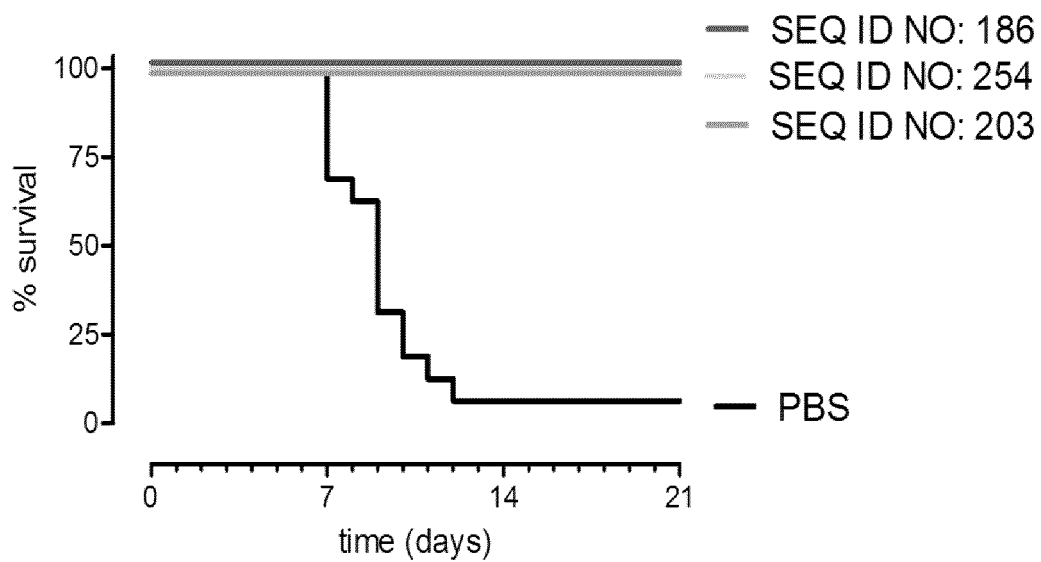


Fig. 33

56/60

A



B

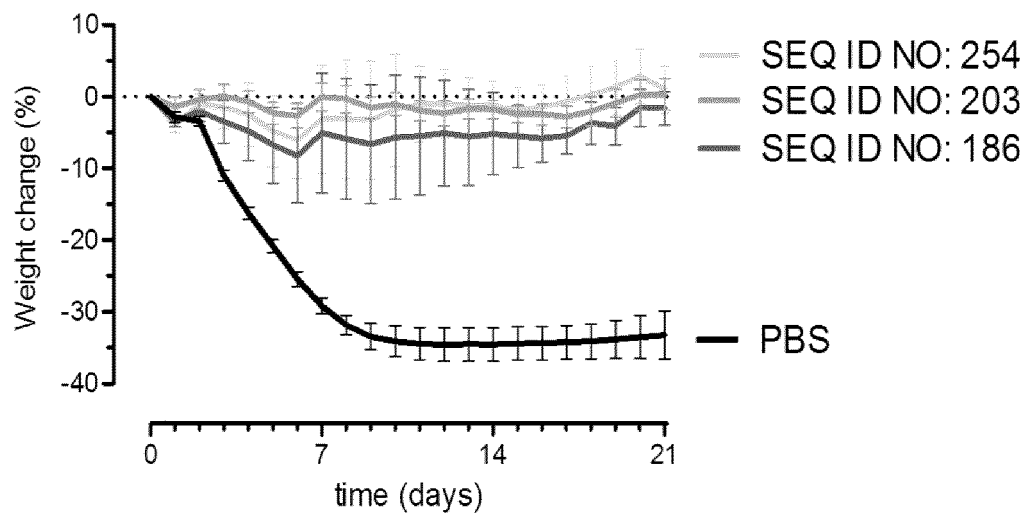


Fig. 34

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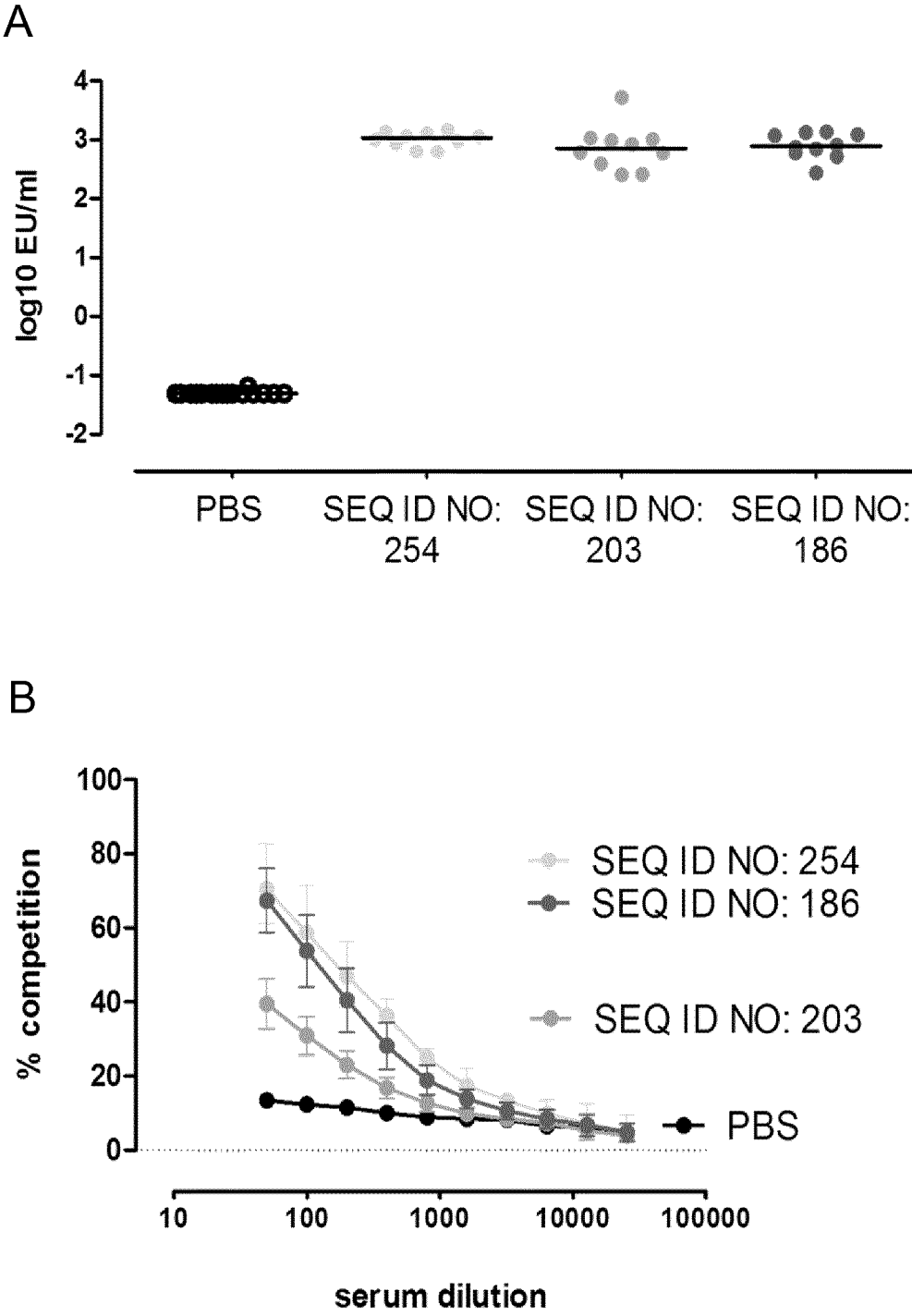
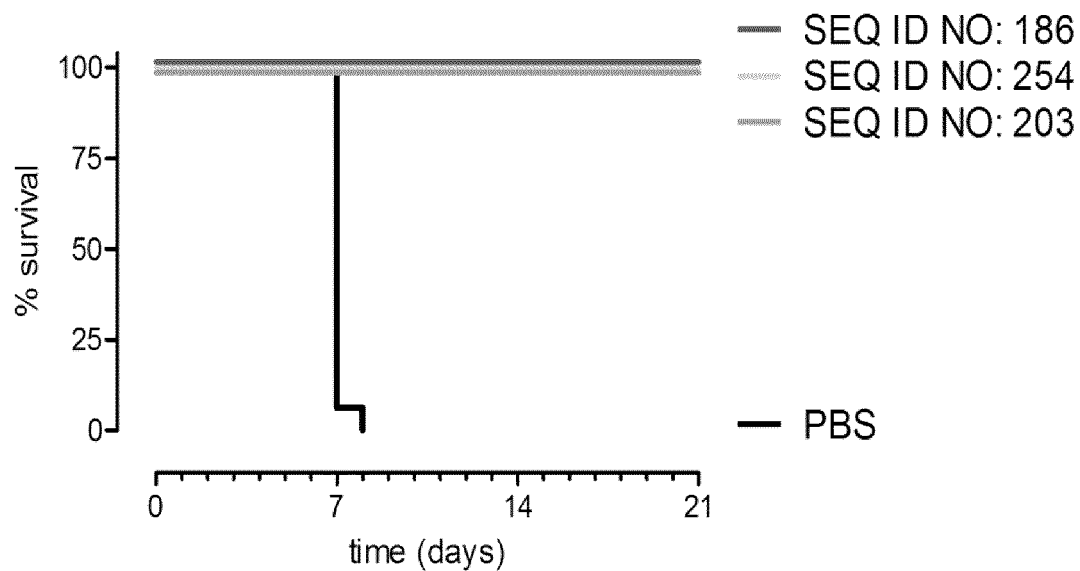


Fig. 35

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A



B

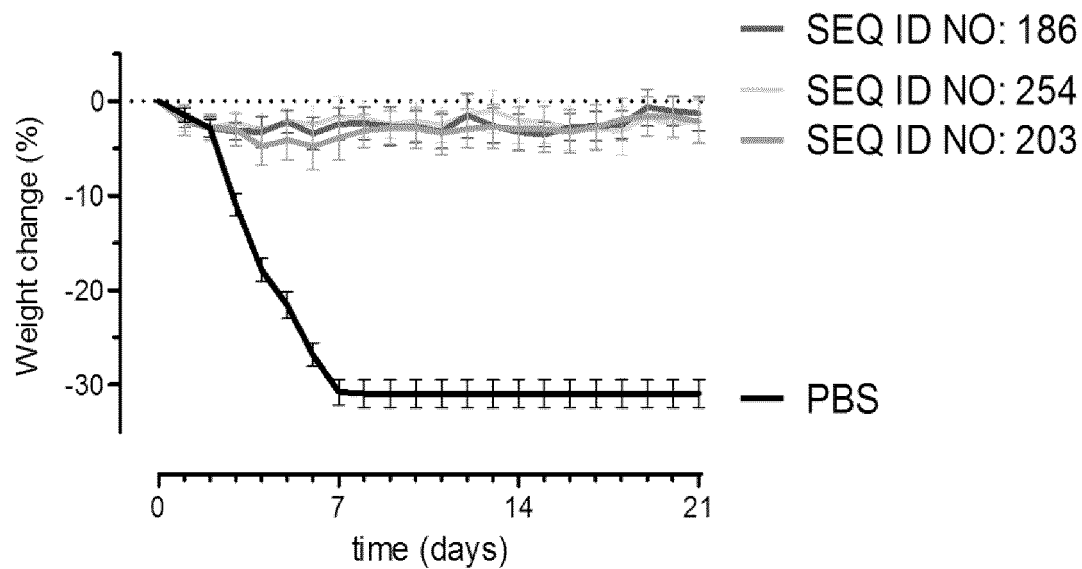


Fig. 36

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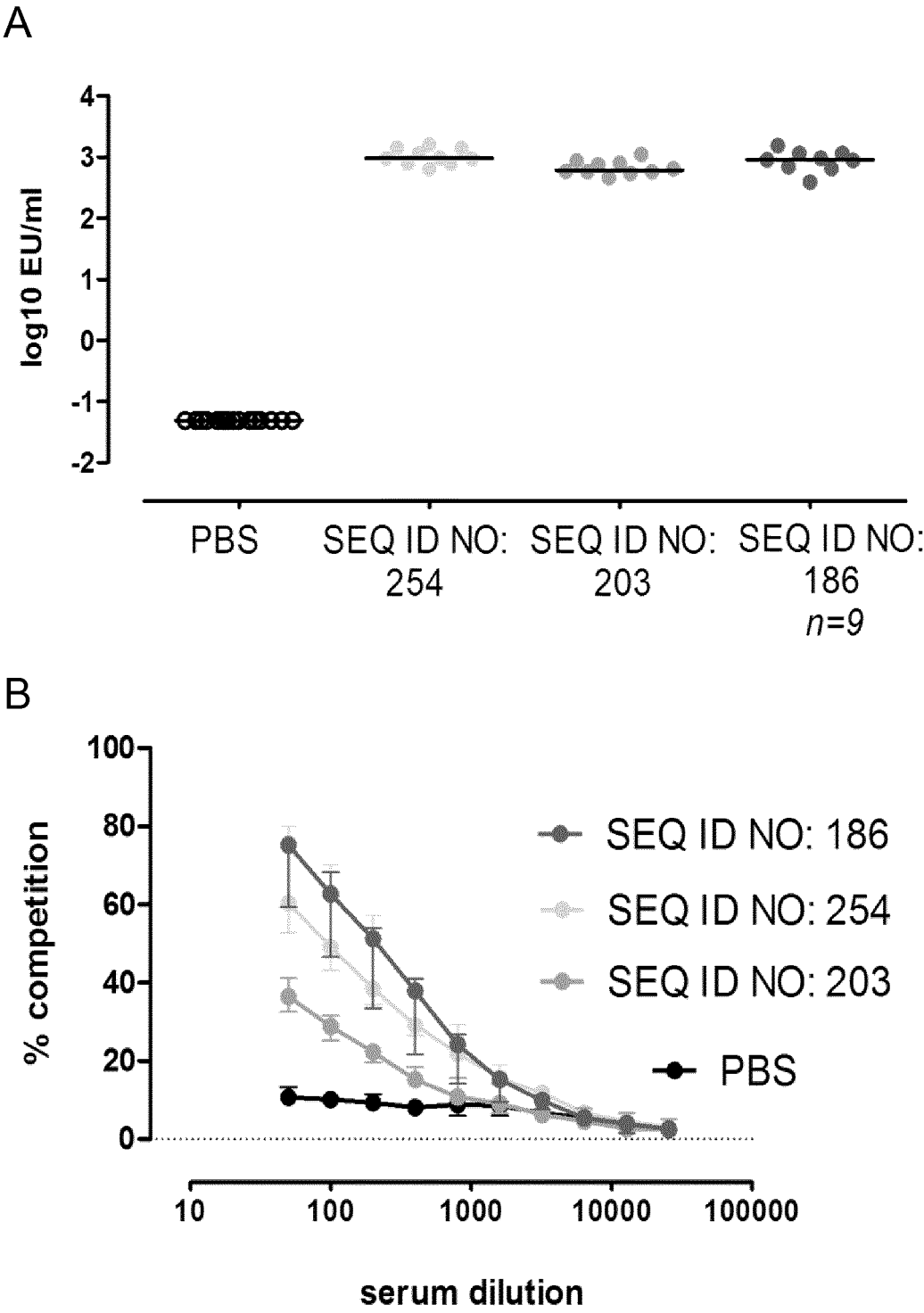


Fig. 37

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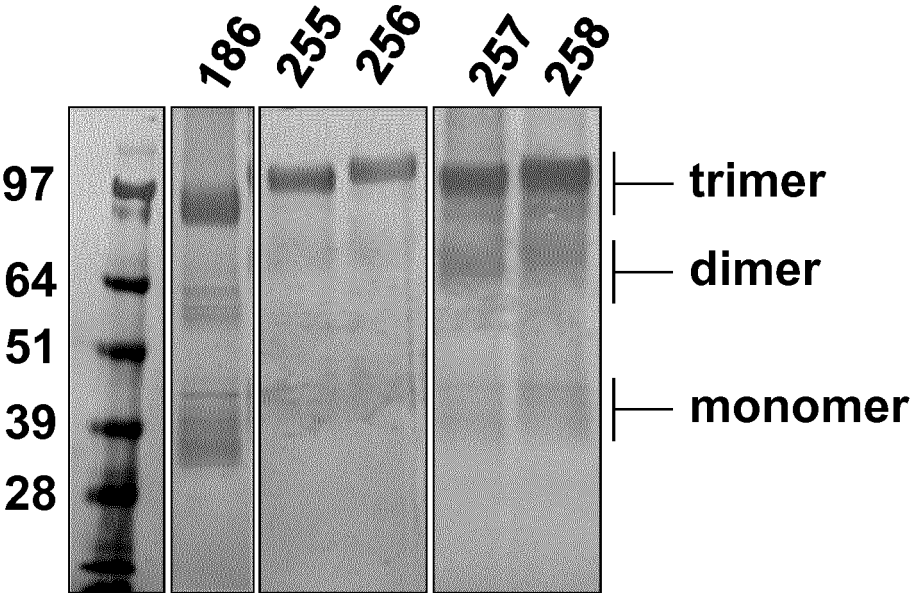


Fig. 38