

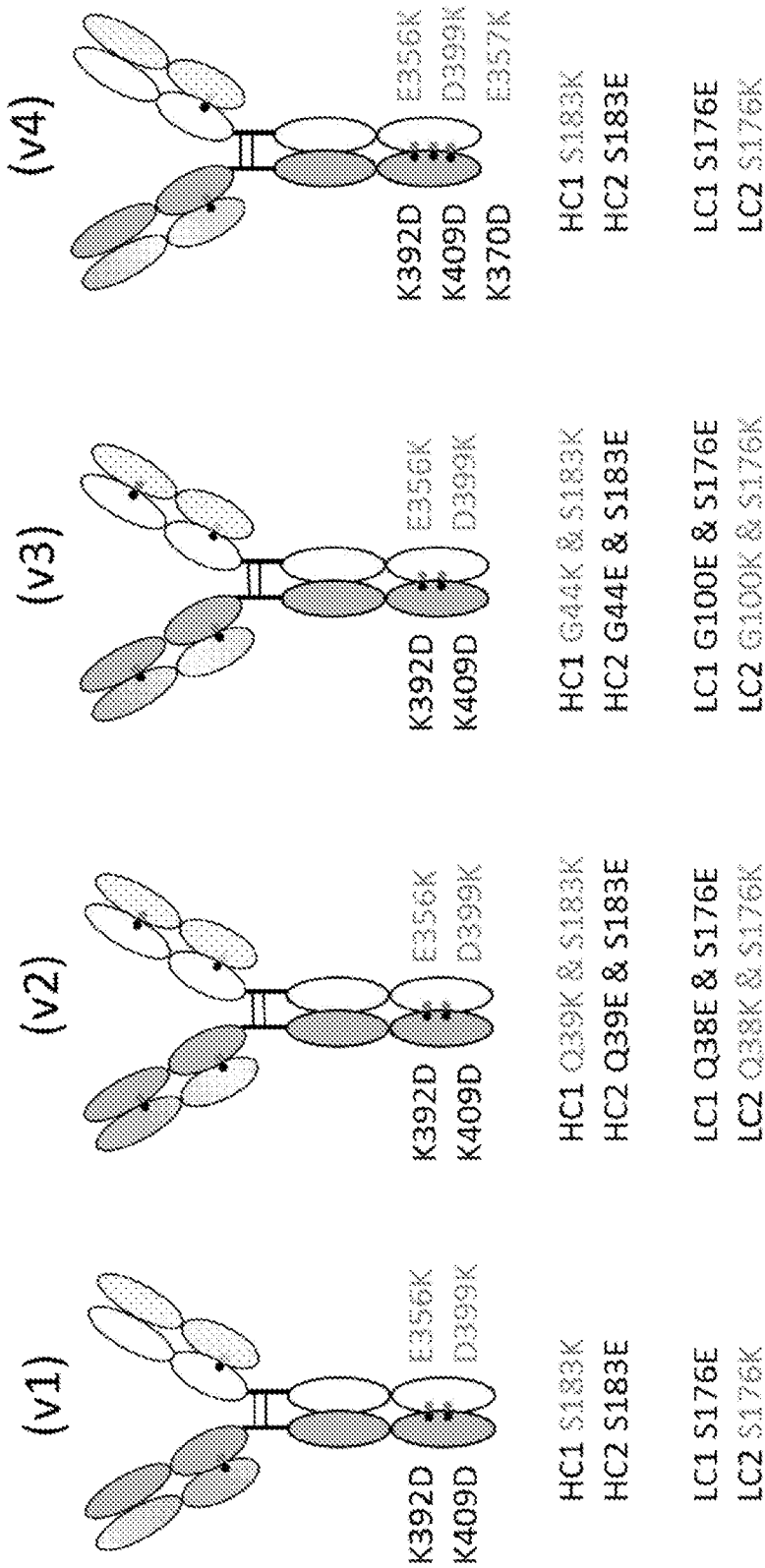


Fig. 1

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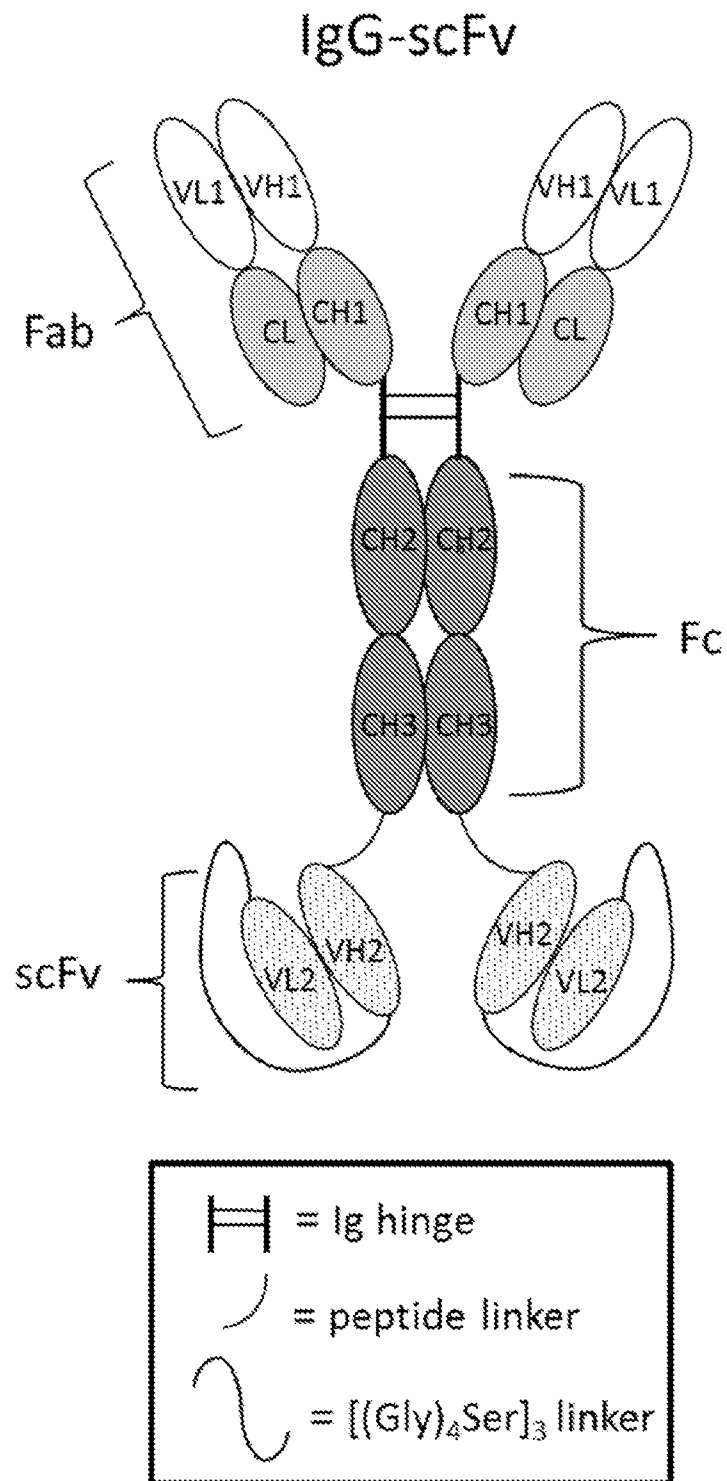


Fig. 2

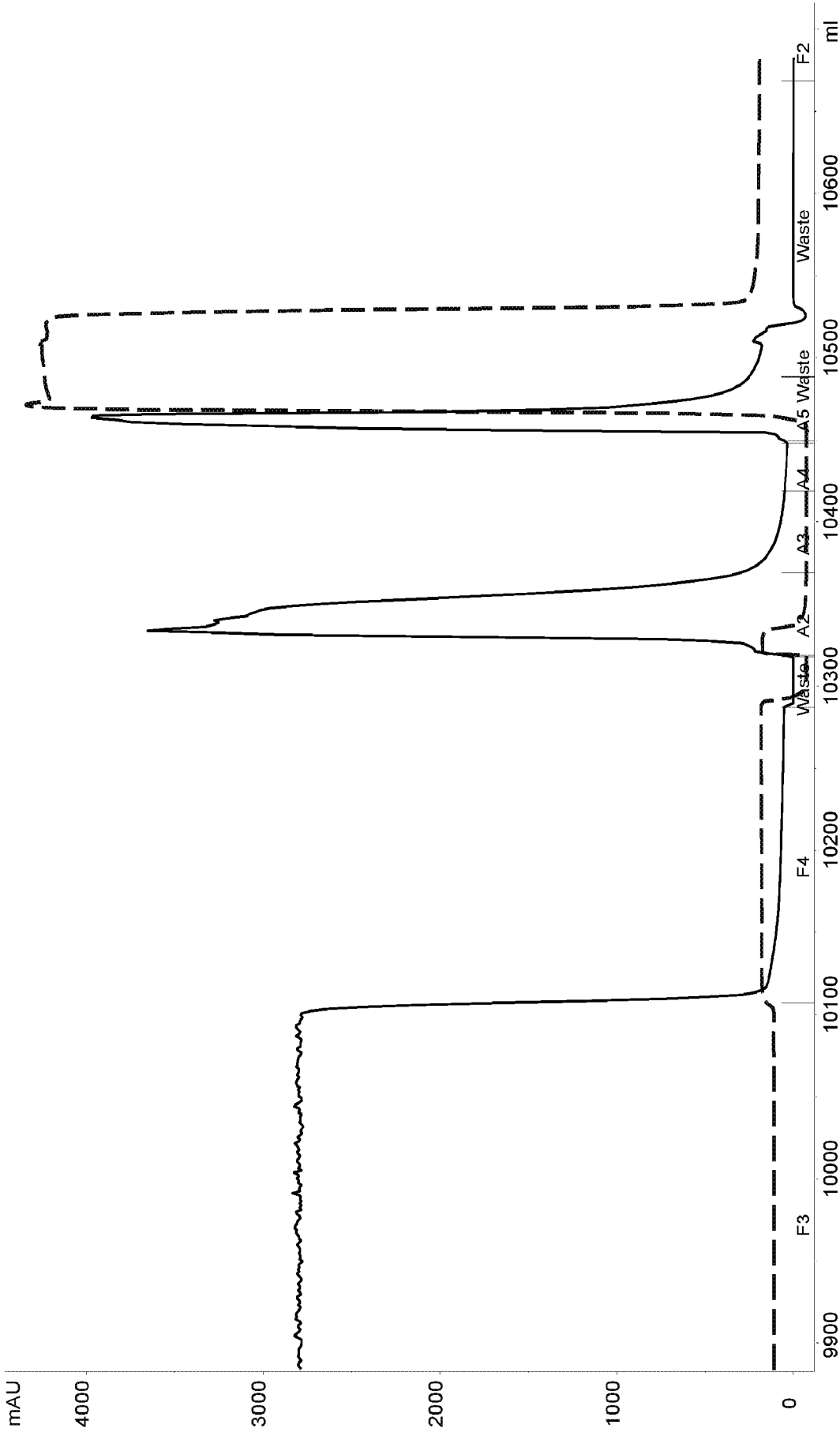


Fig. 3

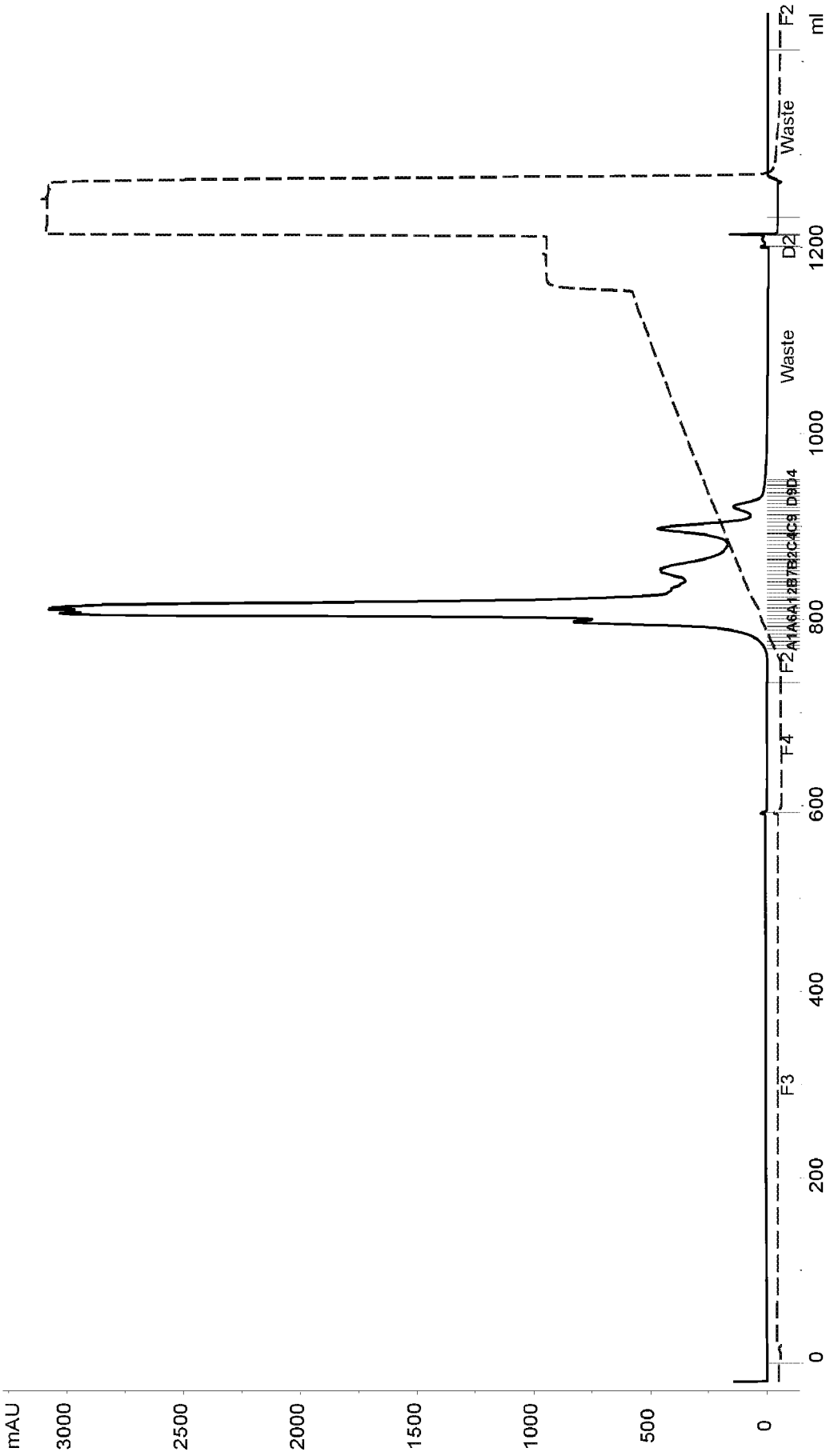


Fig. 4

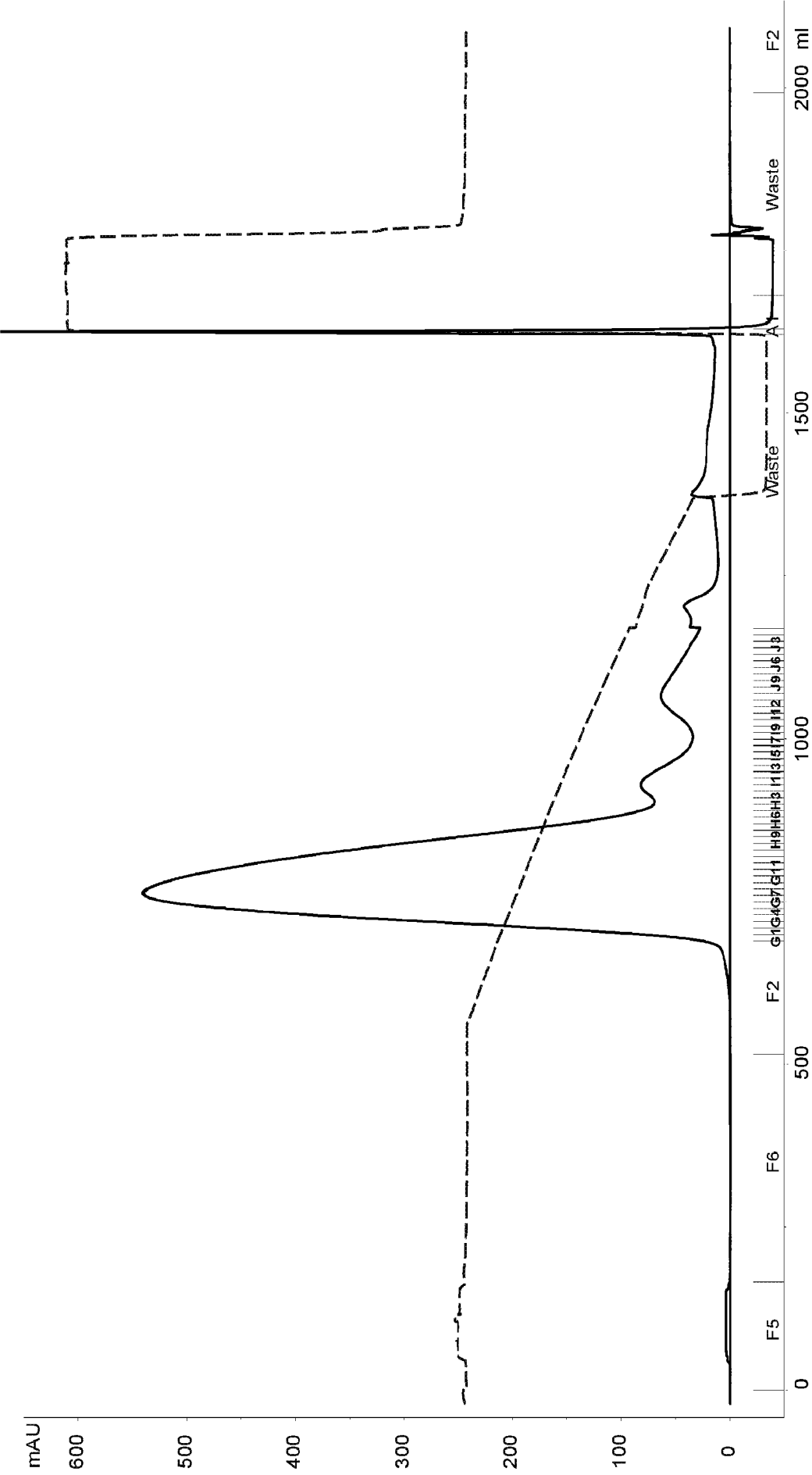


Fig. 5

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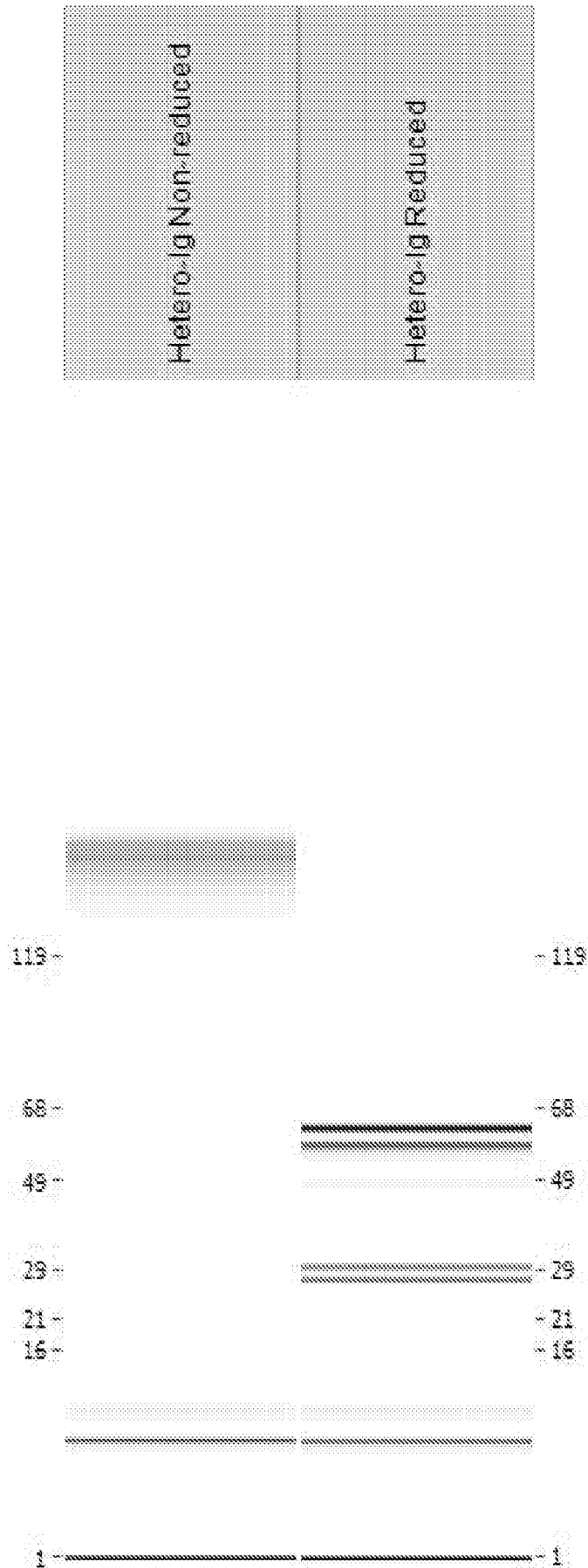


Fig. 6

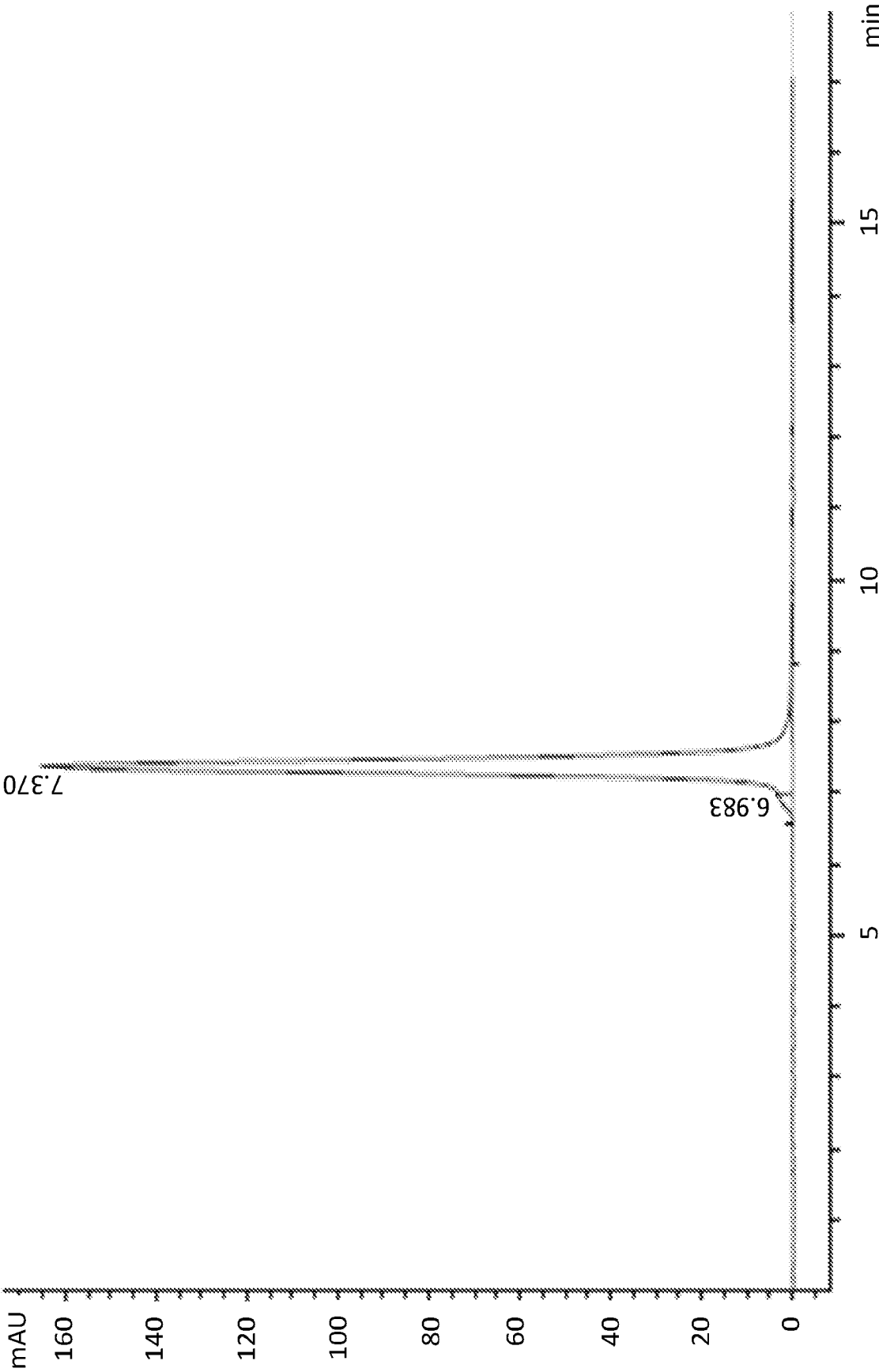


Fig. 7

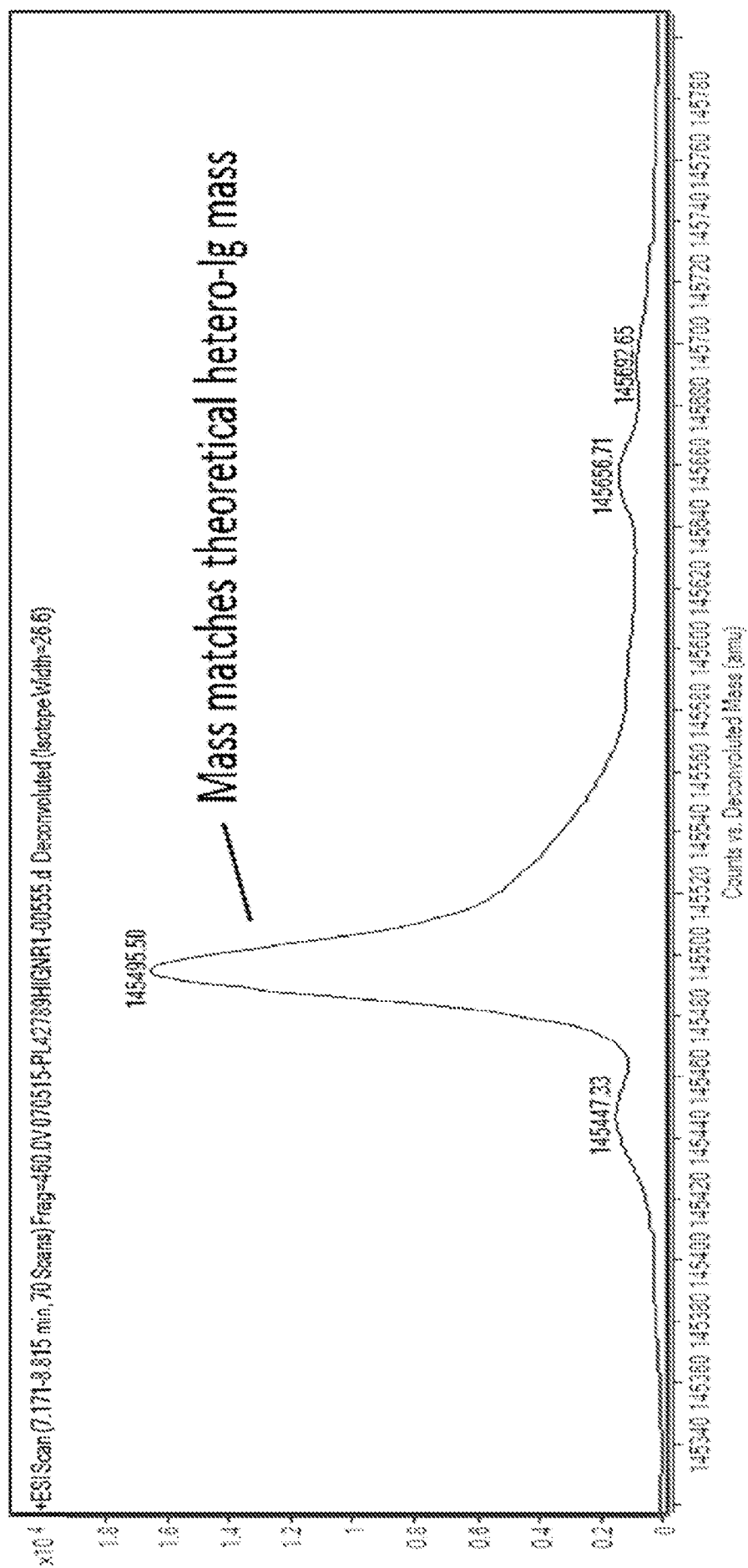


Fig. 8

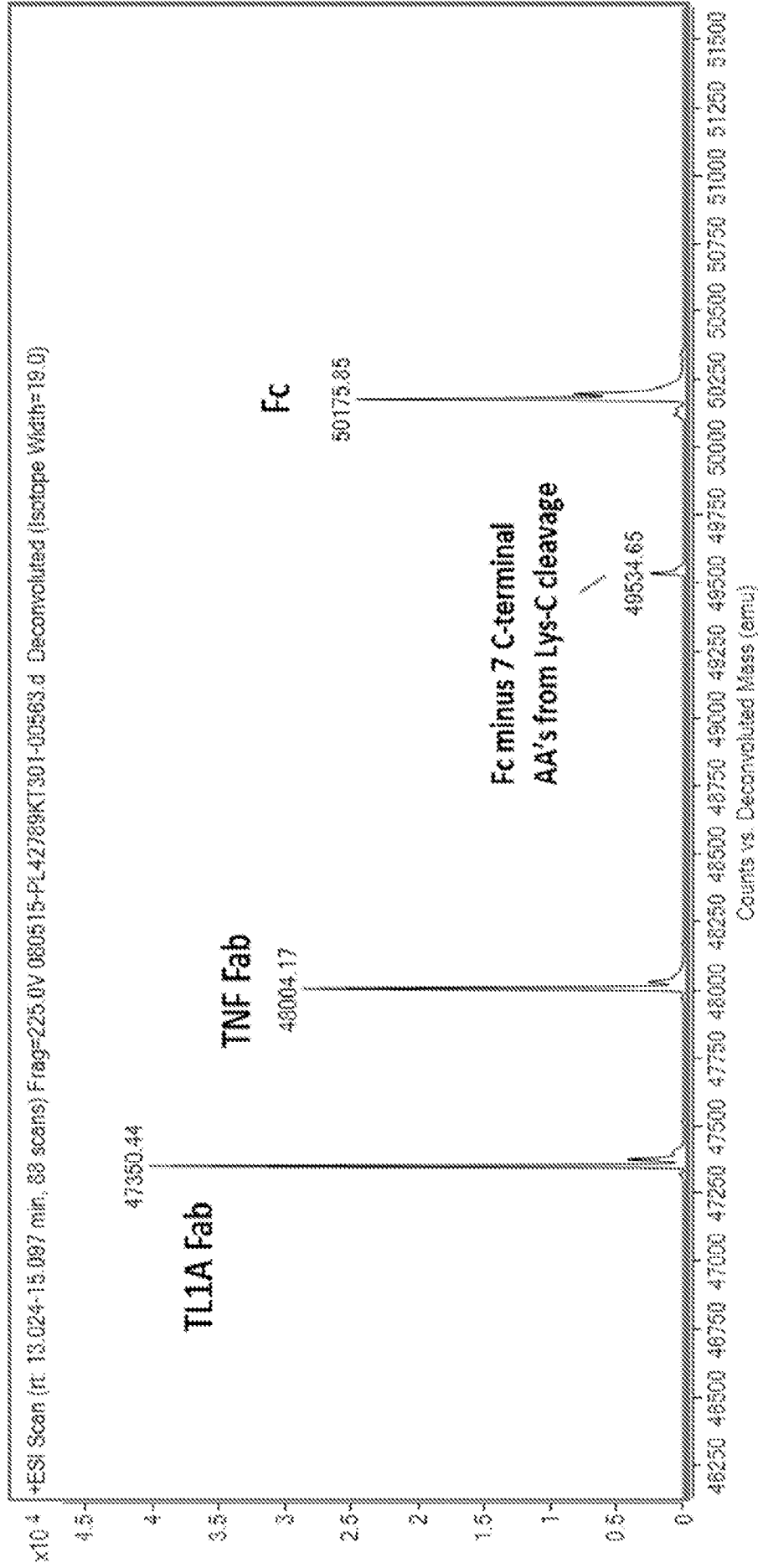


Fig. 9

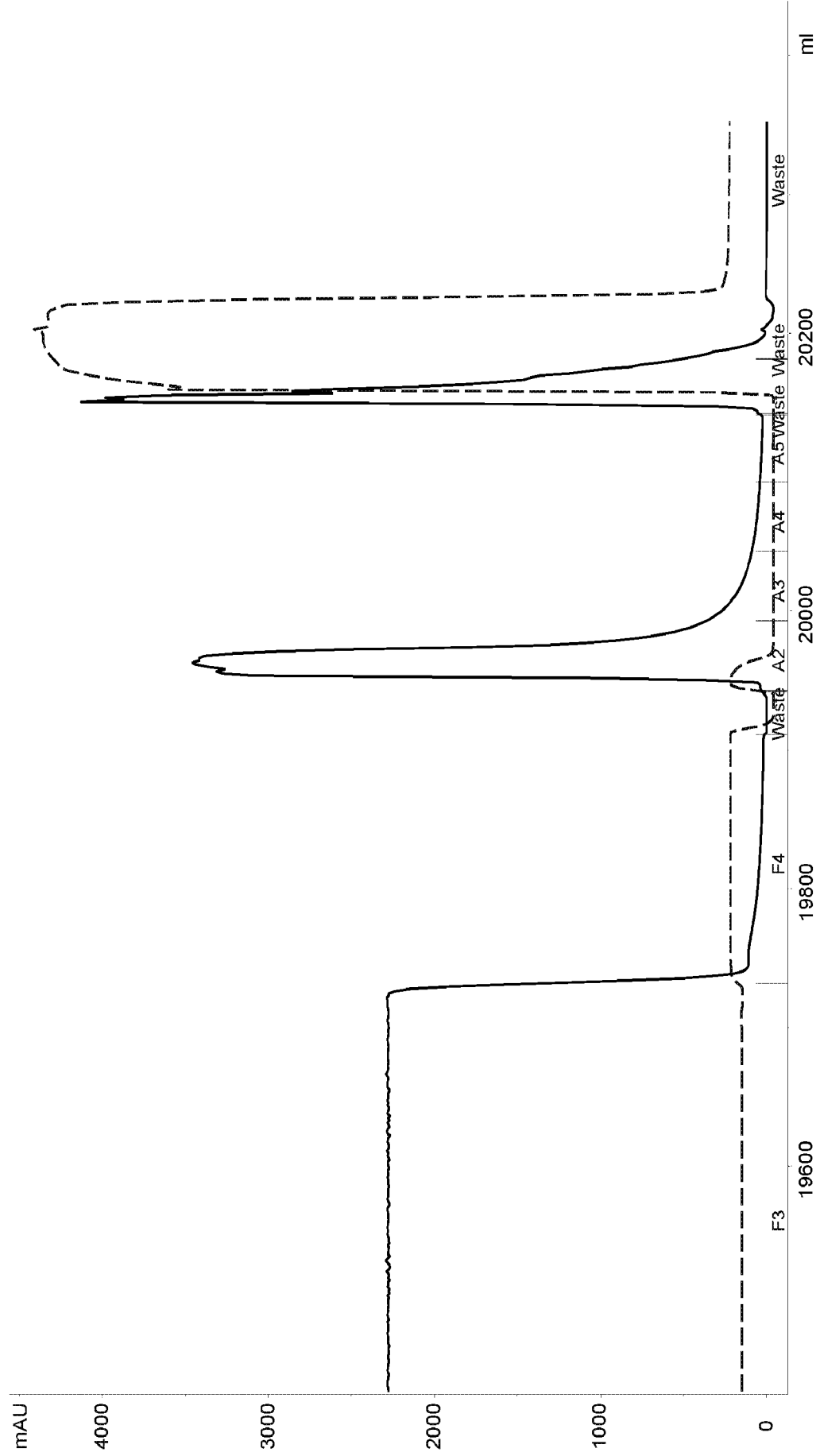


Fig. 10

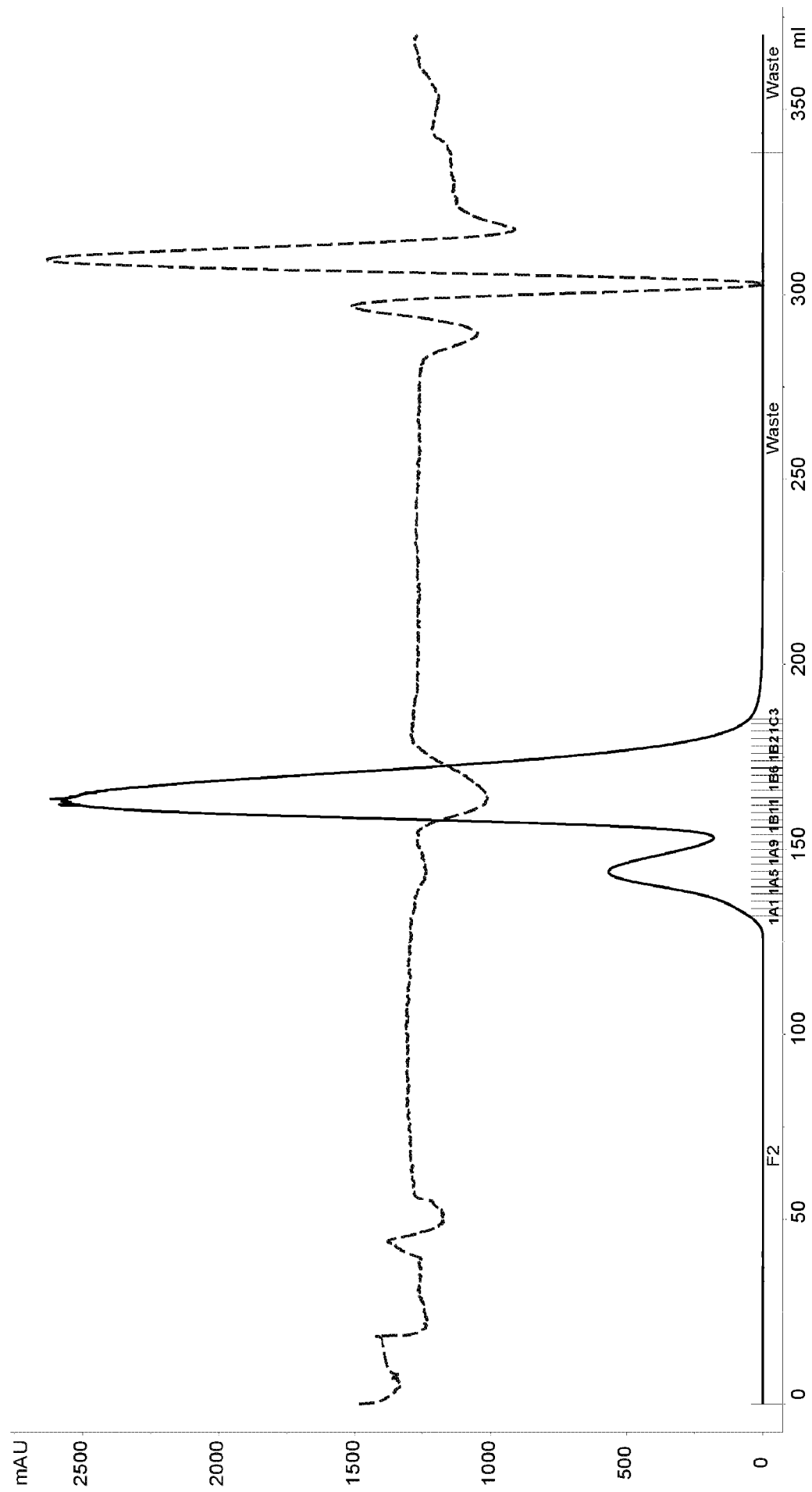


Fig. 11

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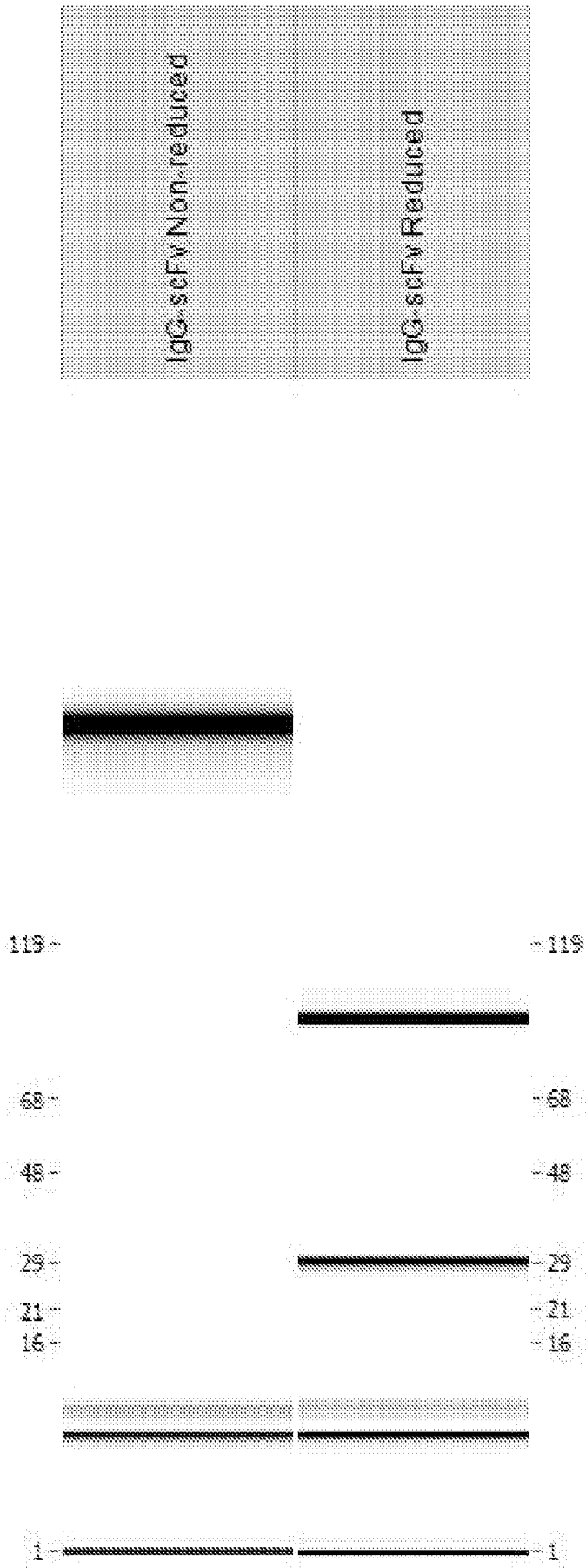


Fig. 12

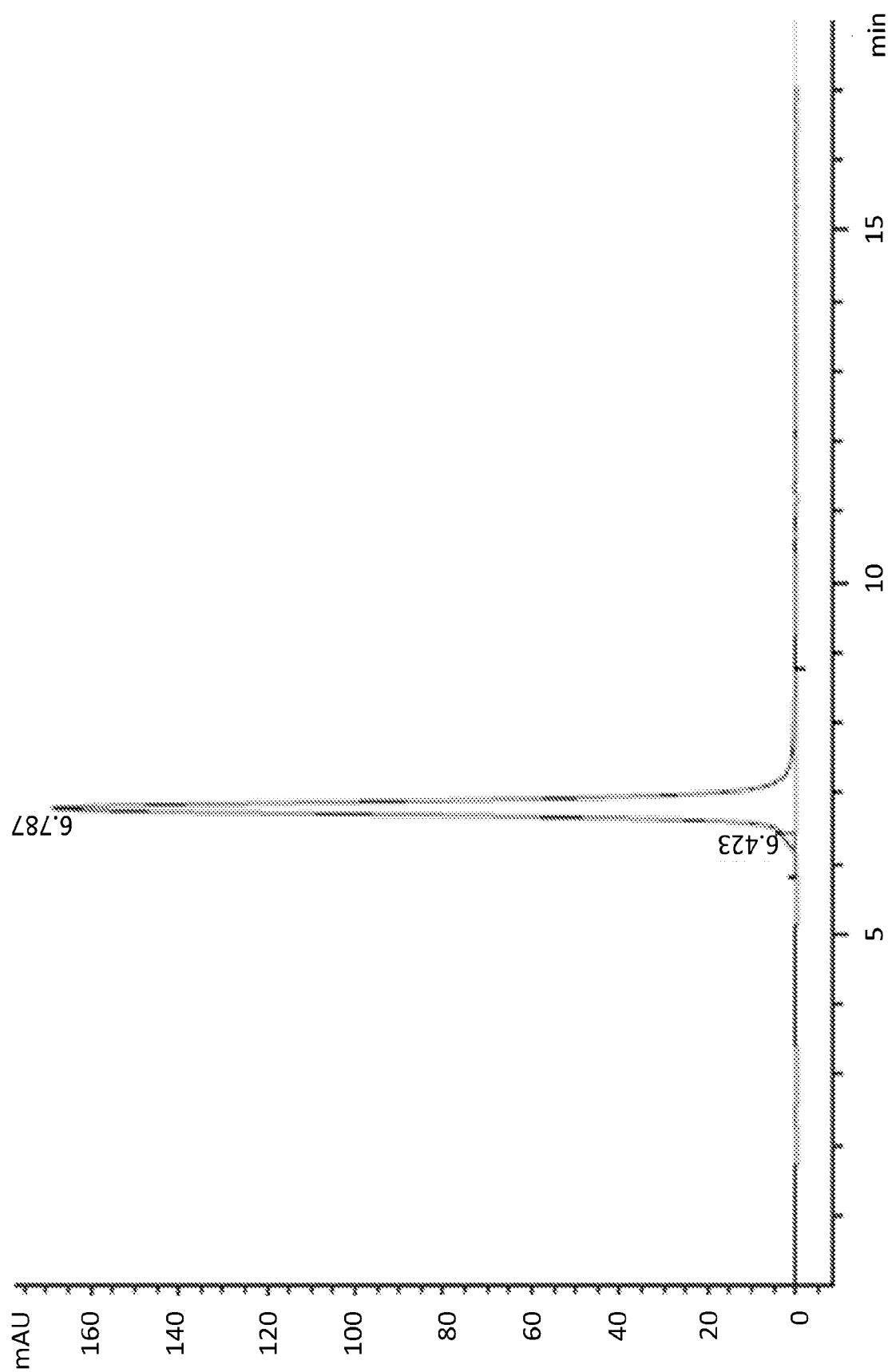


Fig. 13

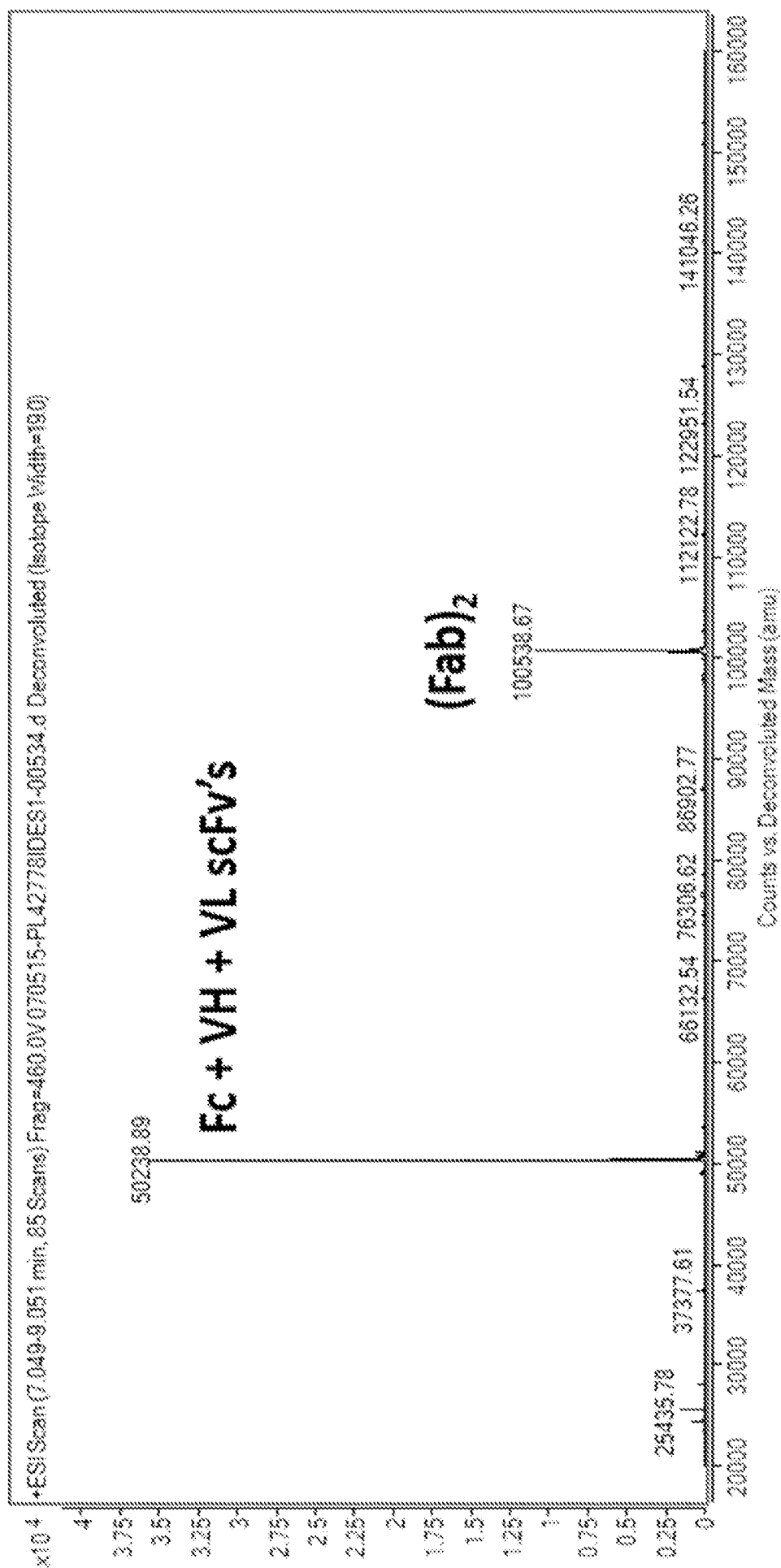


Fig. 14

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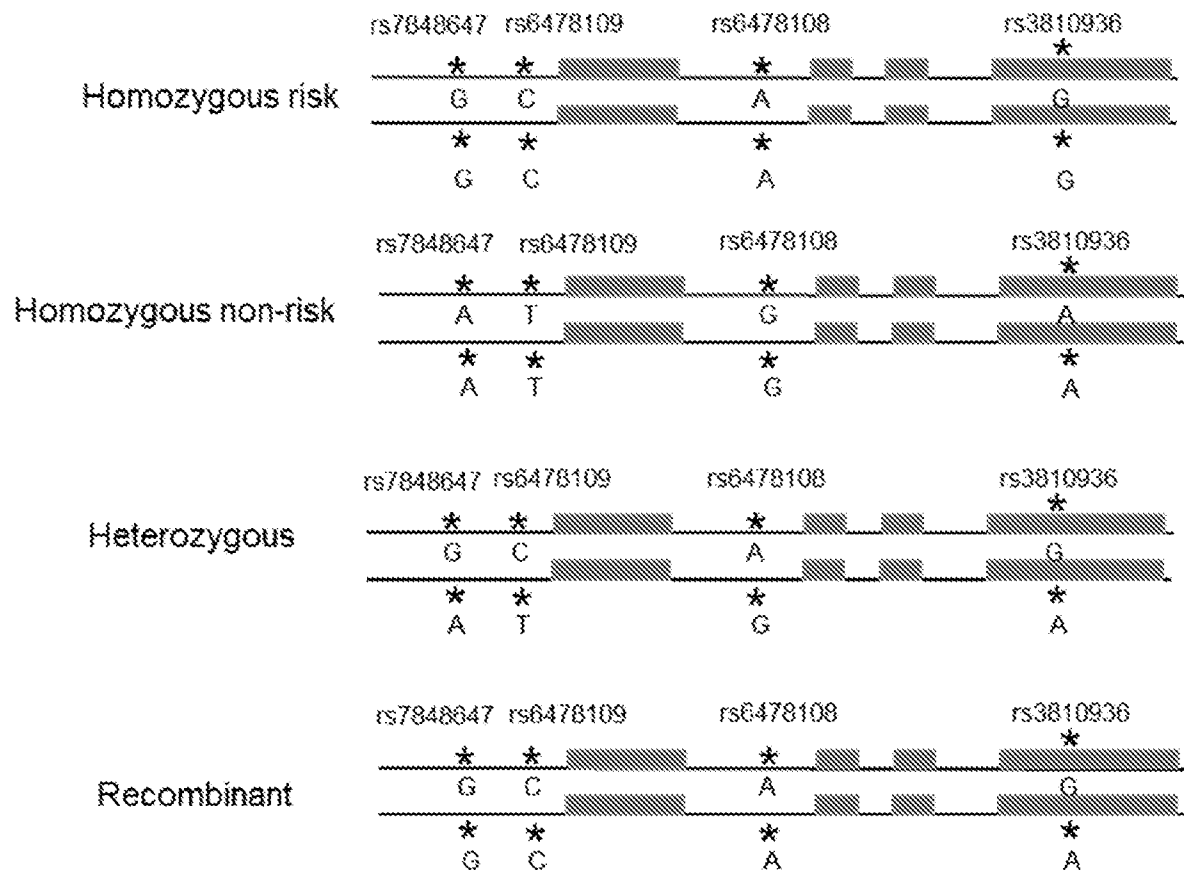


Fig. 15

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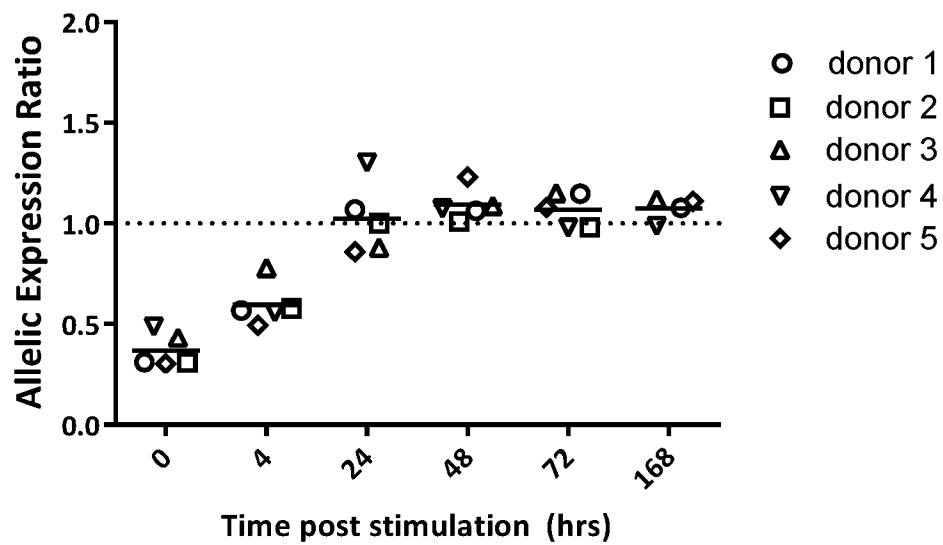


Fig. 16A

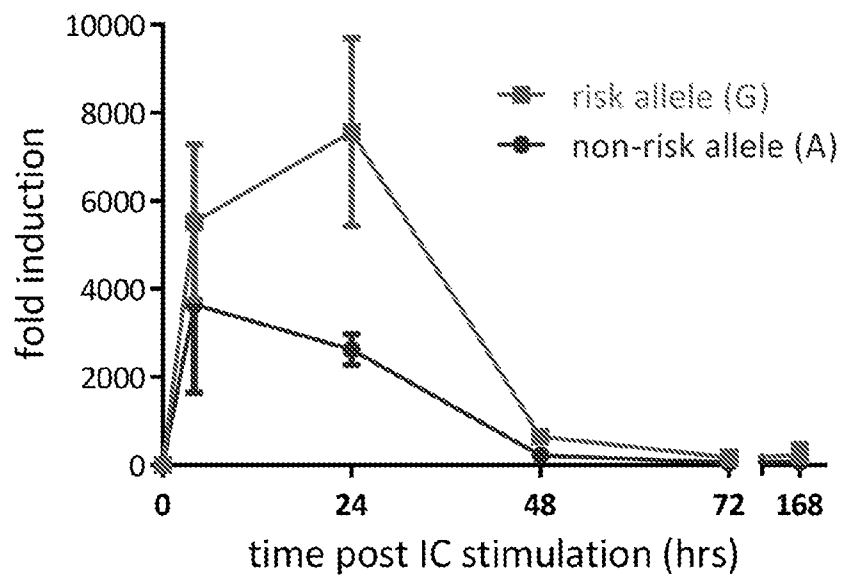


Fig. 16B

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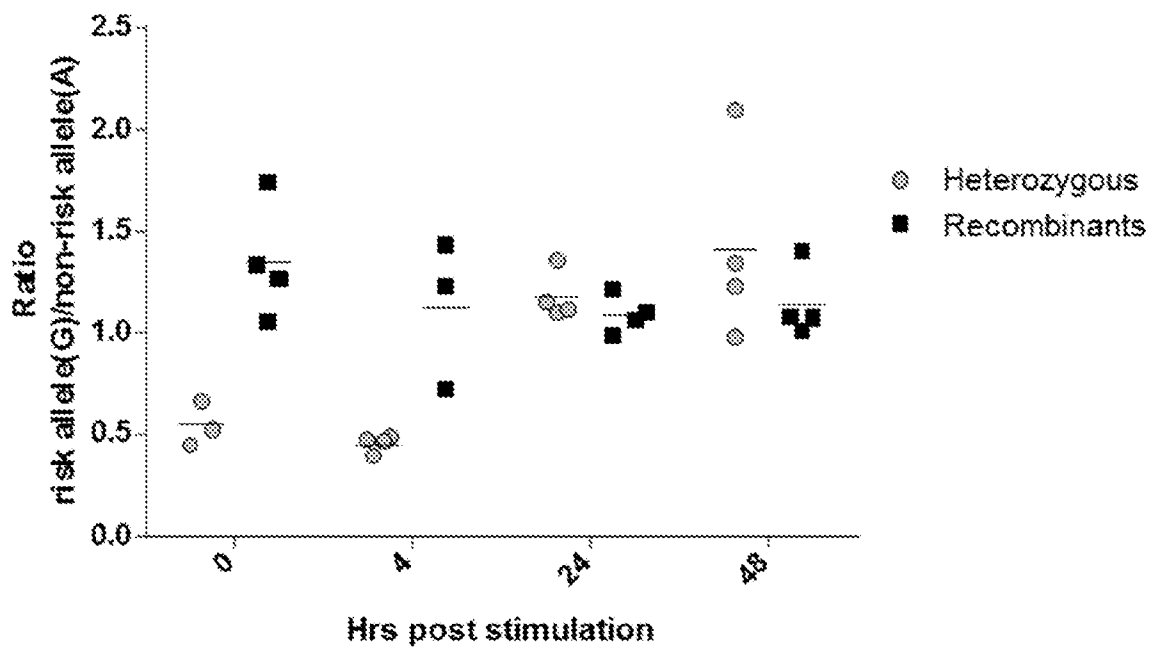


Fig. 17

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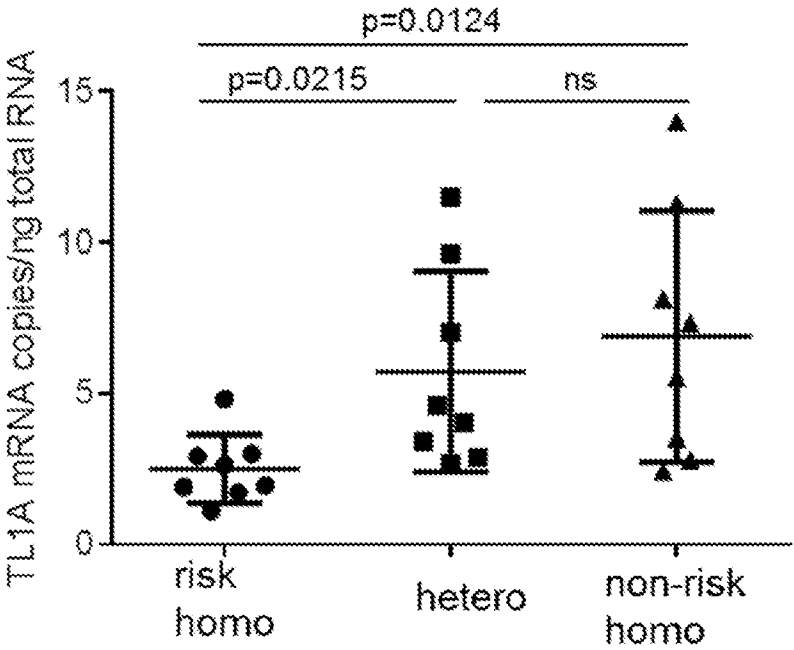


Fig. 18A

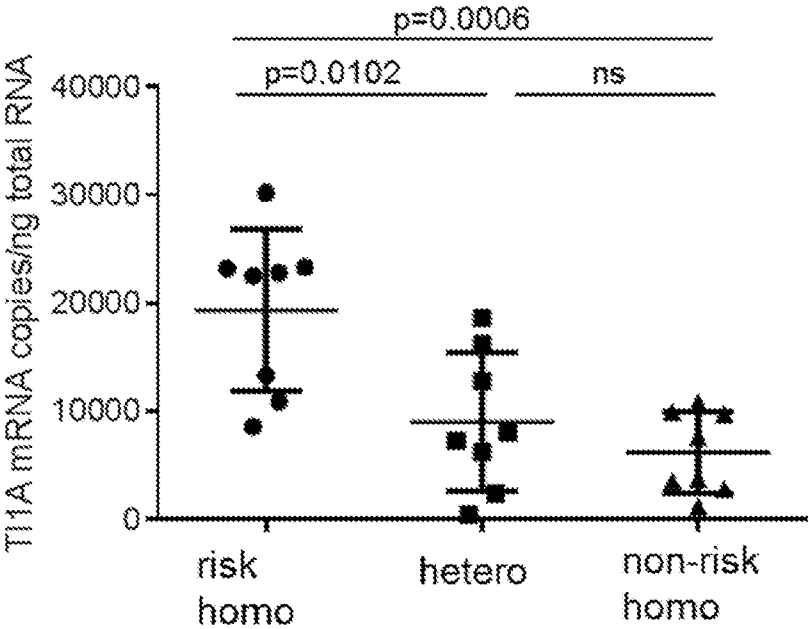


Fig. 18B

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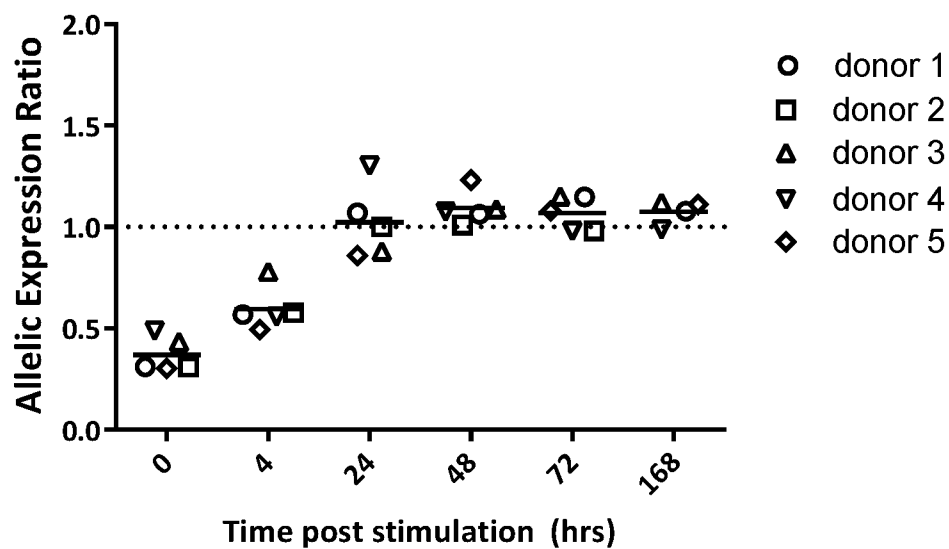


Fig. 19A

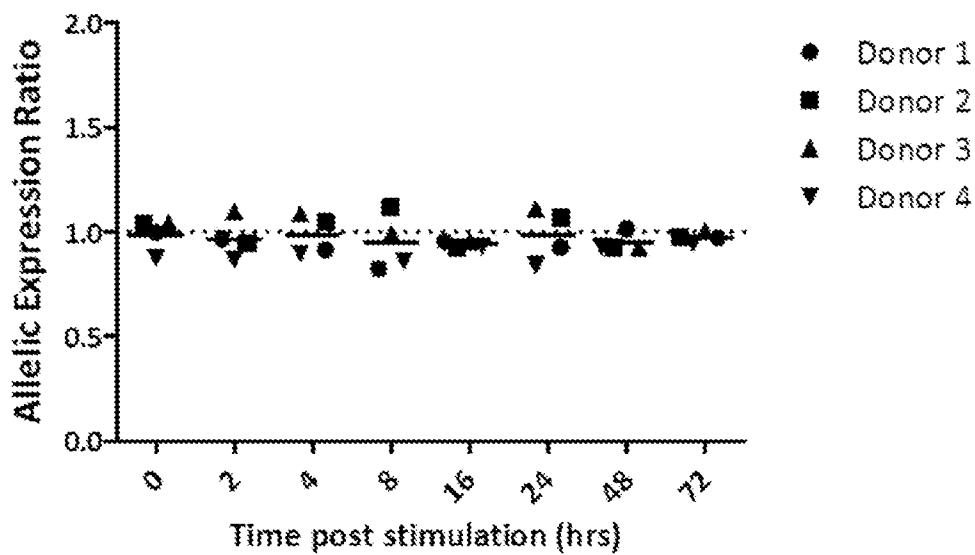


Fig. 19B

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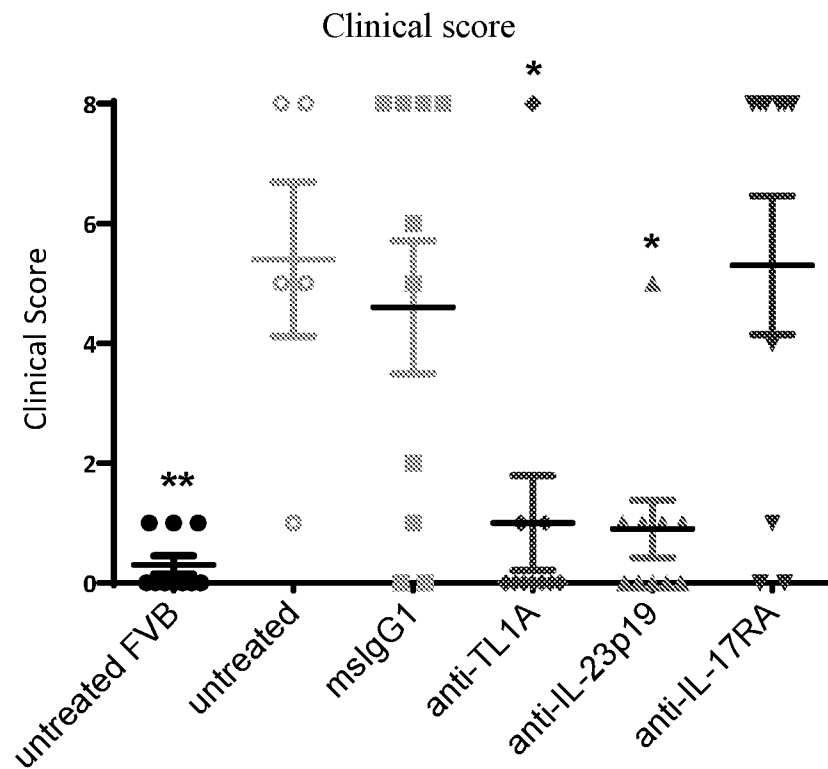


Fig. 20A

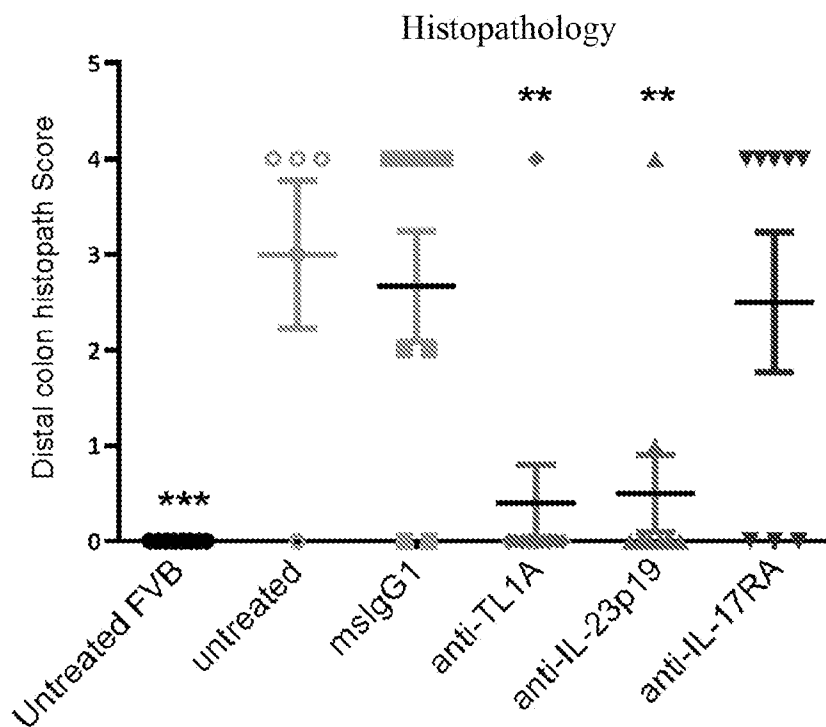


Fig. 20B

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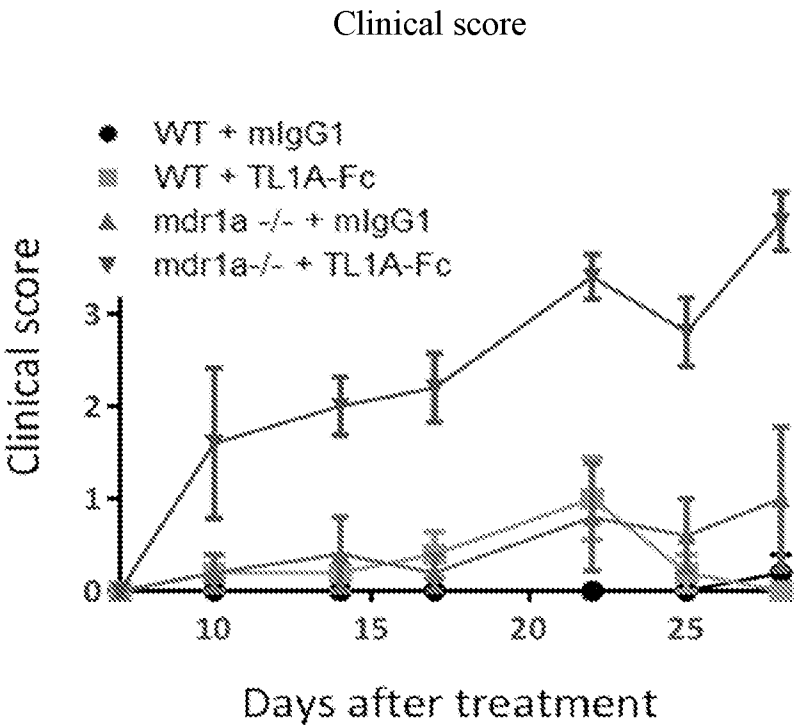


Fig. 21A

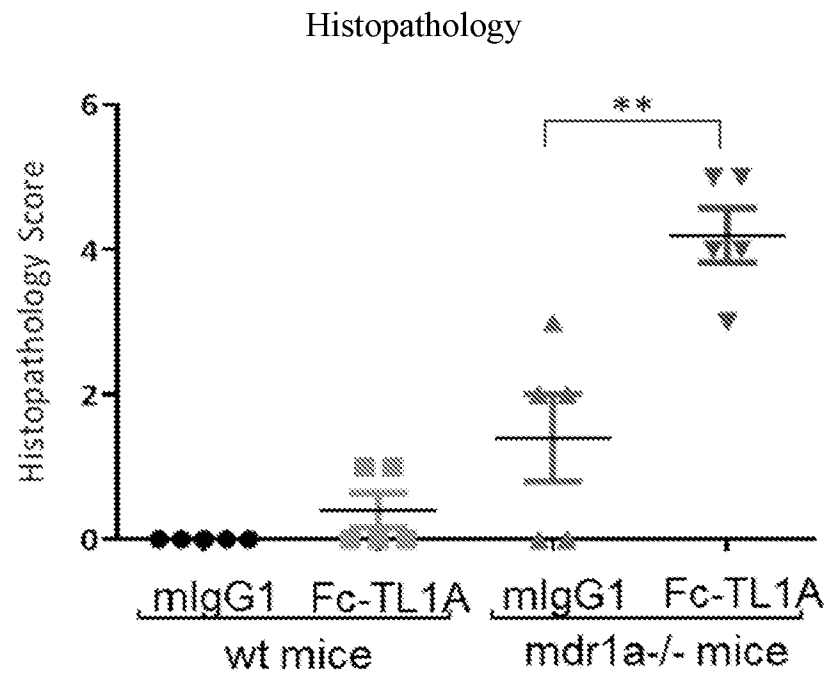


Fig. 21B

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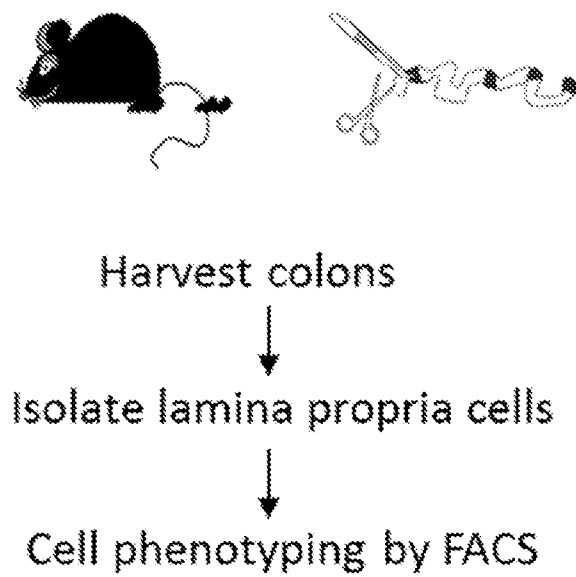


Fig. 22A

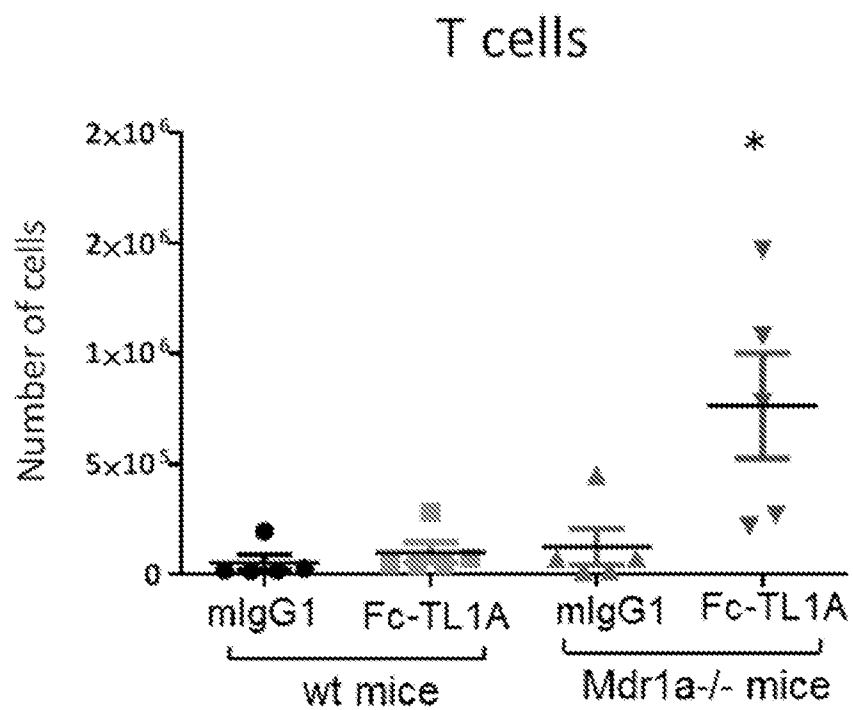


Fig. 22B

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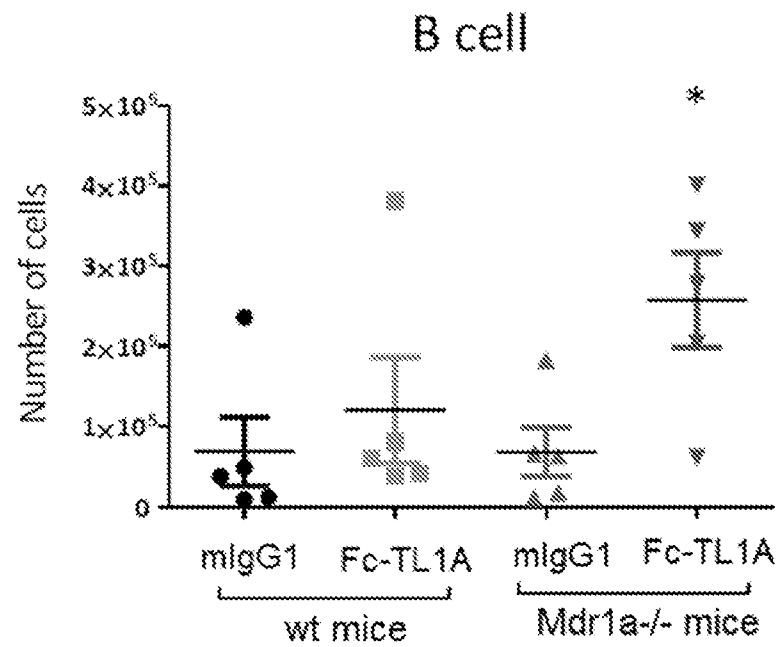


Fig. 22C

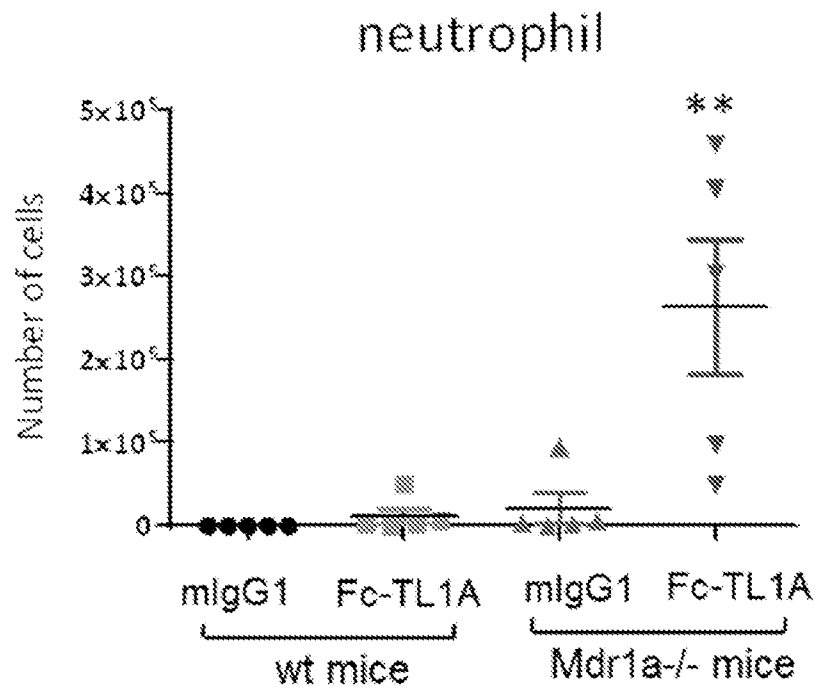


Fig. 22D

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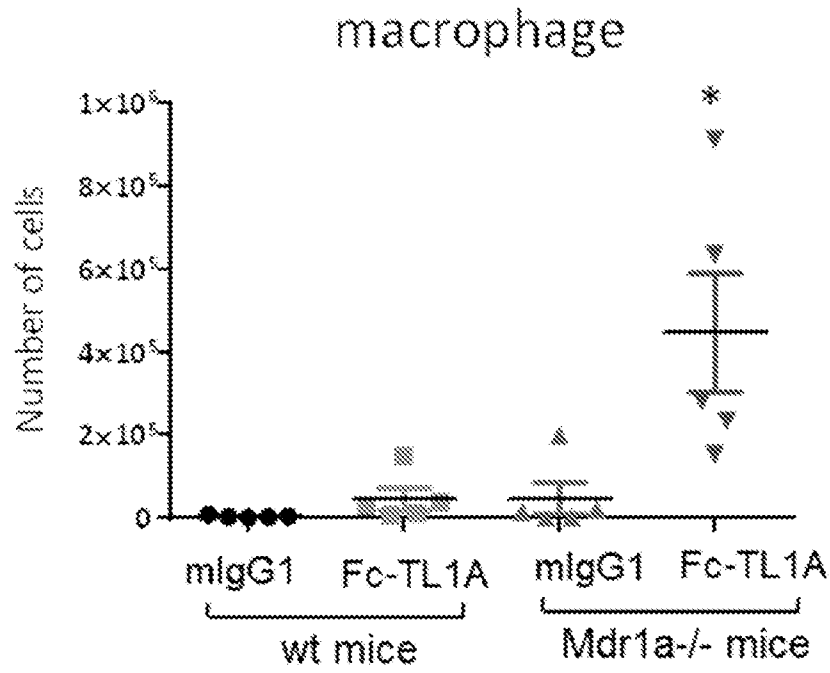


Fig. 22E

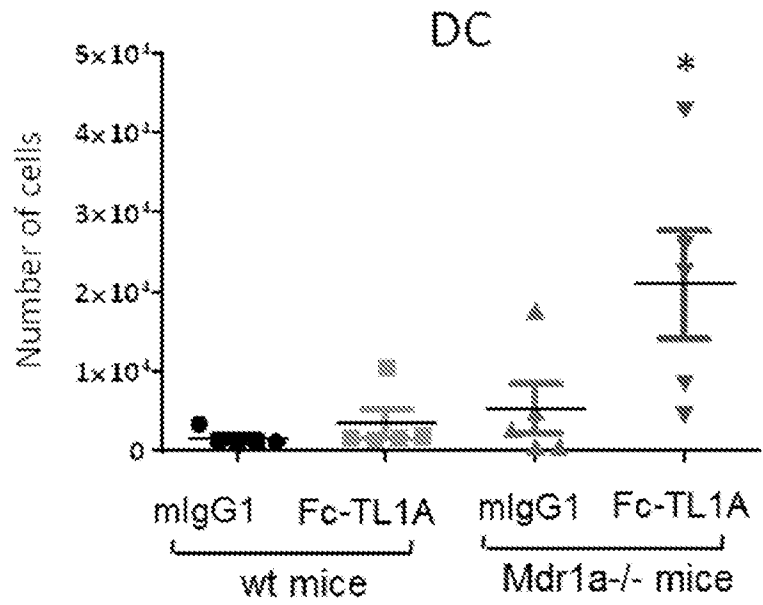


Fig. 22F

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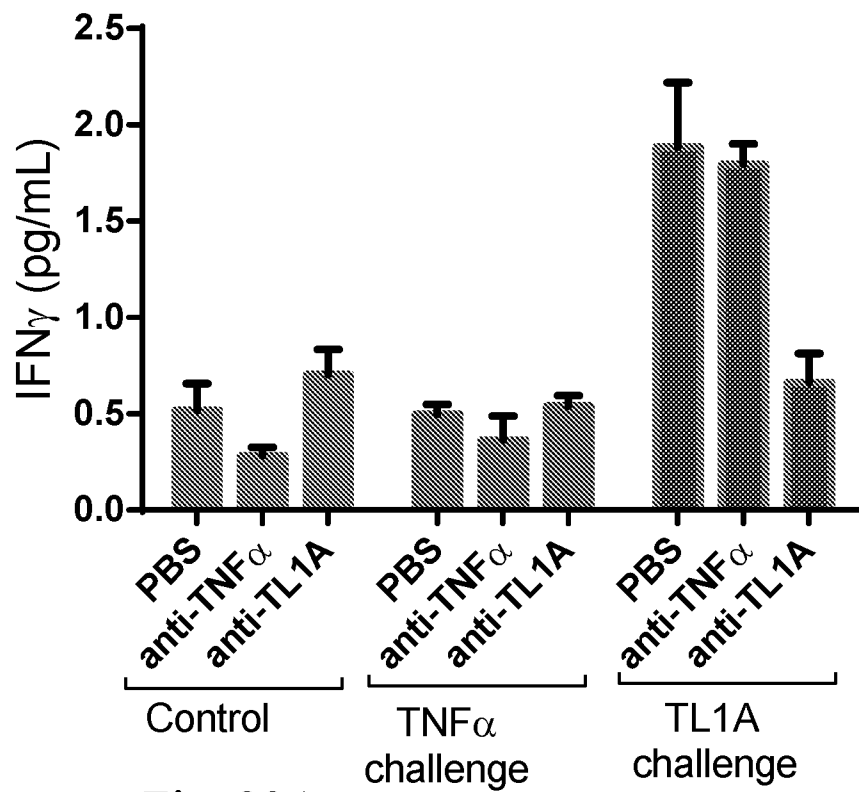


Fig. 23A

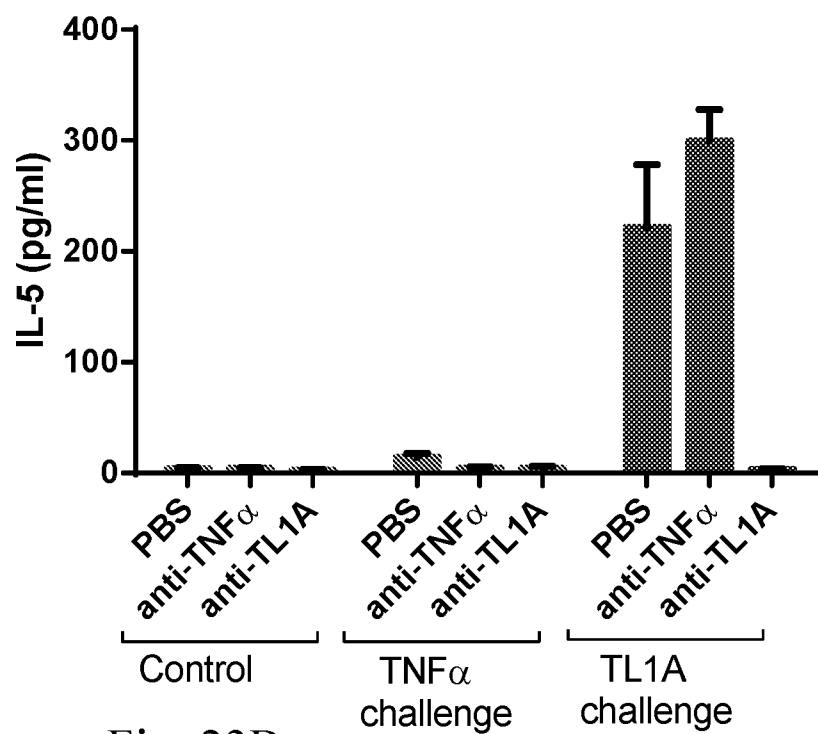


Fig. 23B

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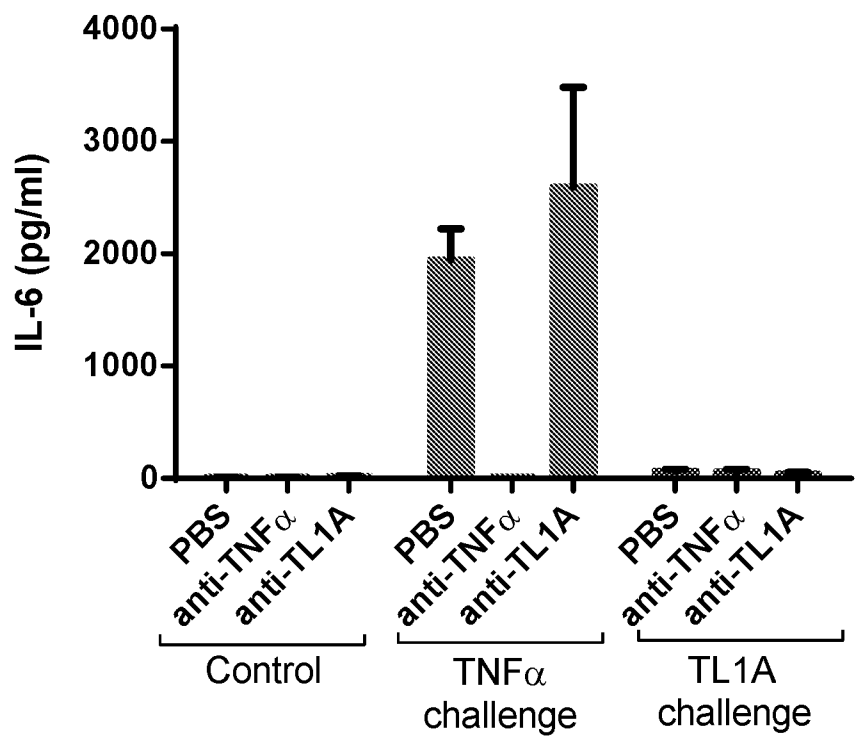


Fig. 23C

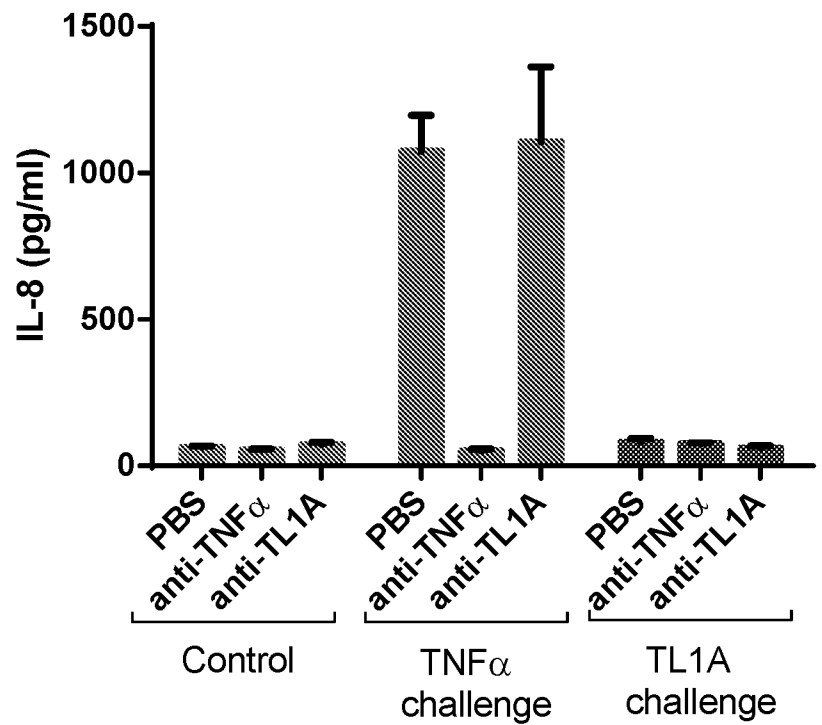


Fig. 23D

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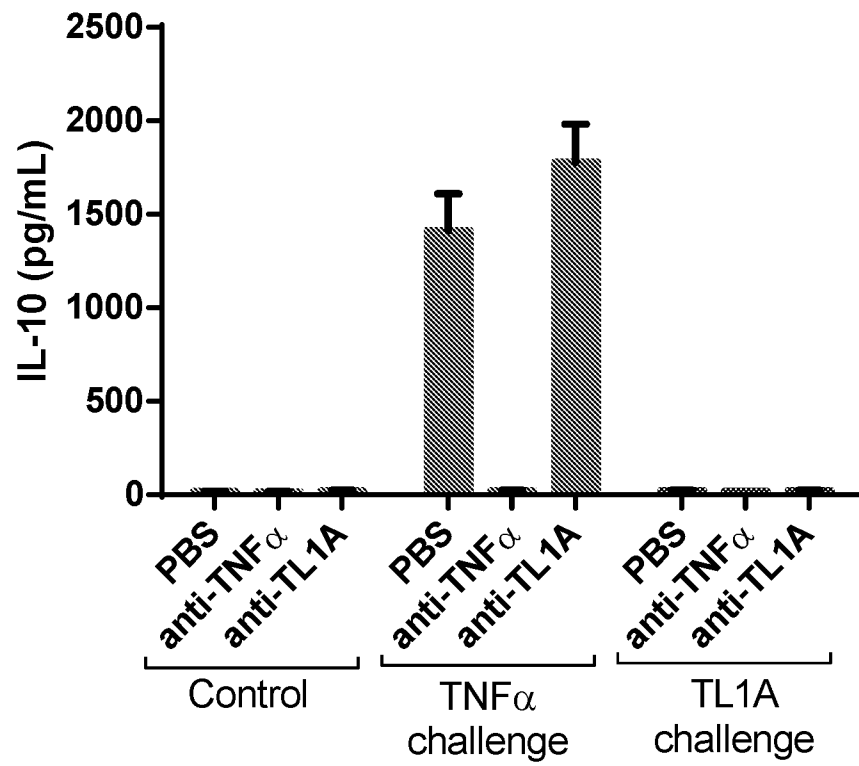


Fig. 23E

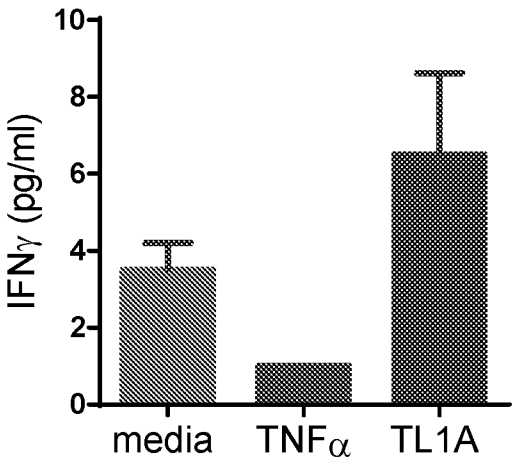


Fig. 24A

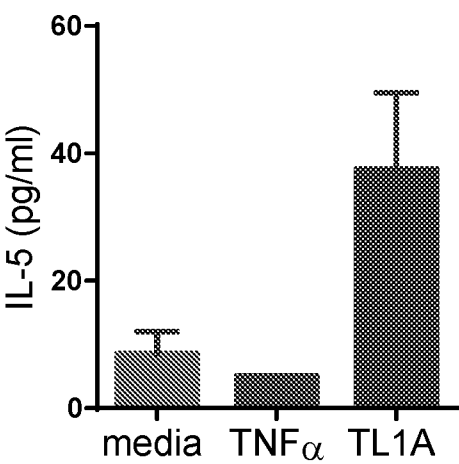


Fig. 24B

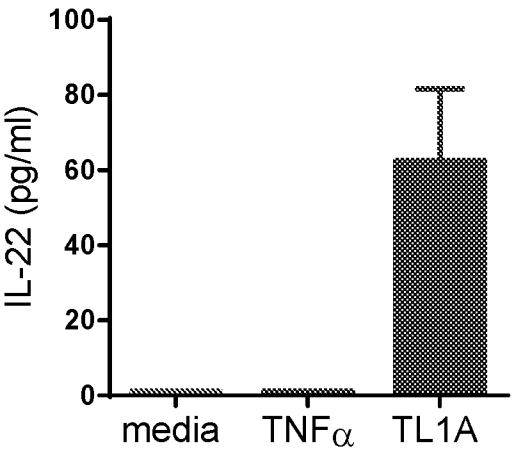


Fig. 24C

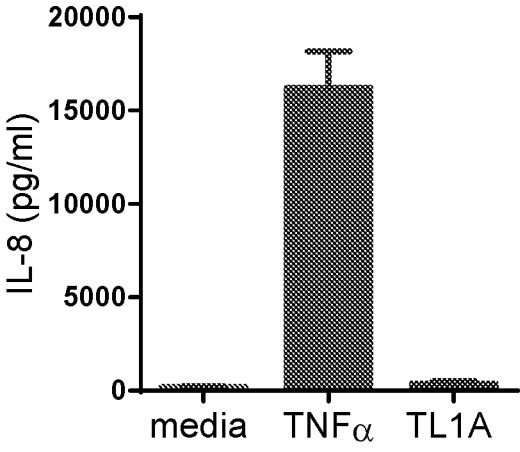


Fig. 24D

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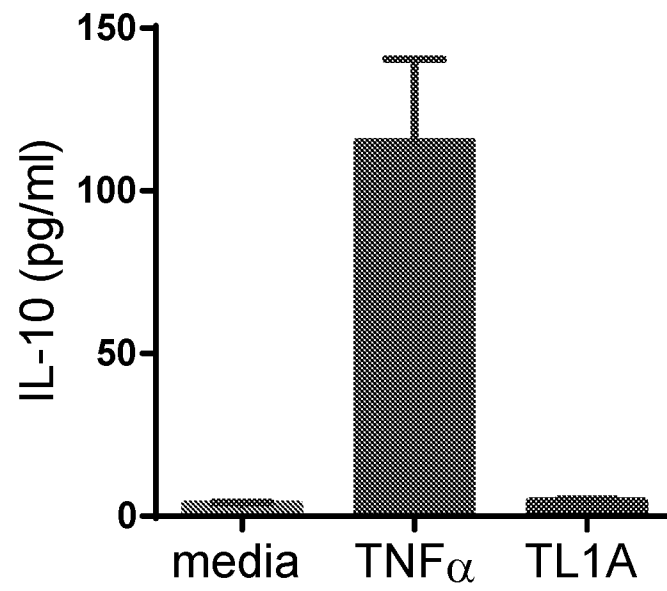


Fig. 24E

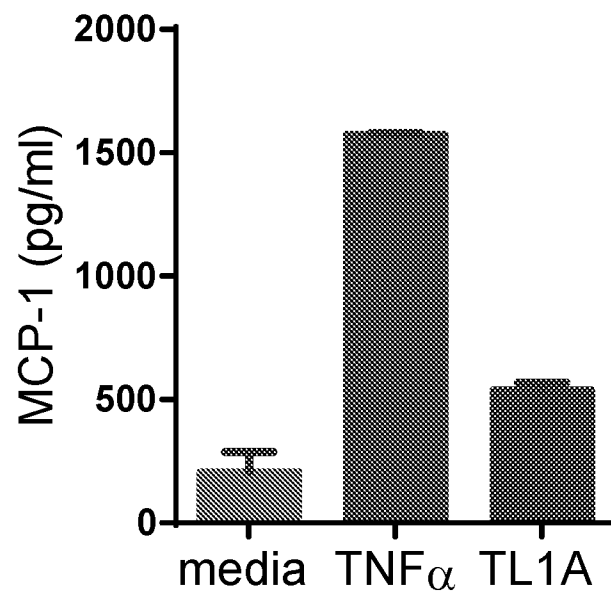


Fig. 24F

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Bispecific IgG-Fab

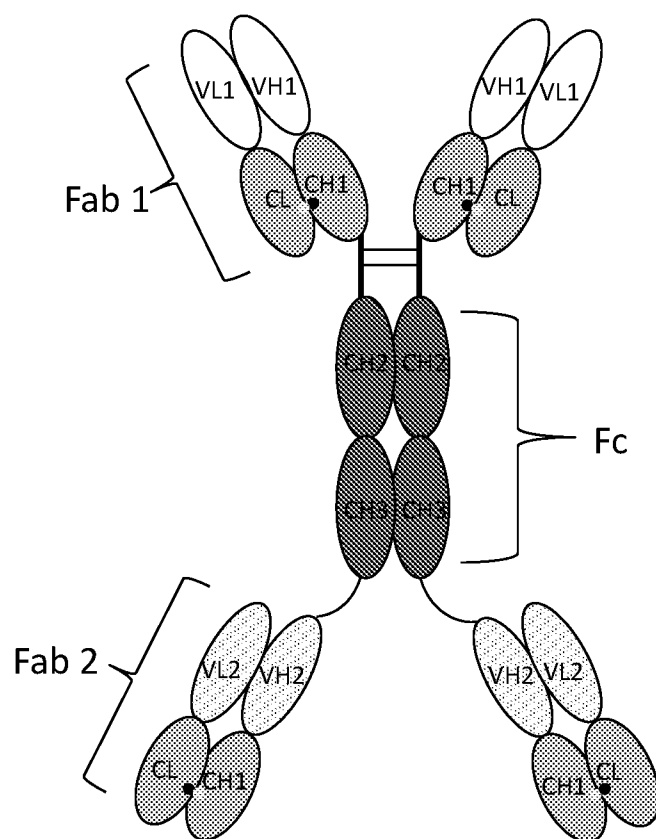
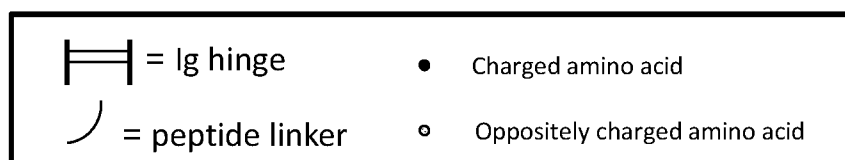


Fig. 25

Bispecific IgG-Fab, CH1/CL swap

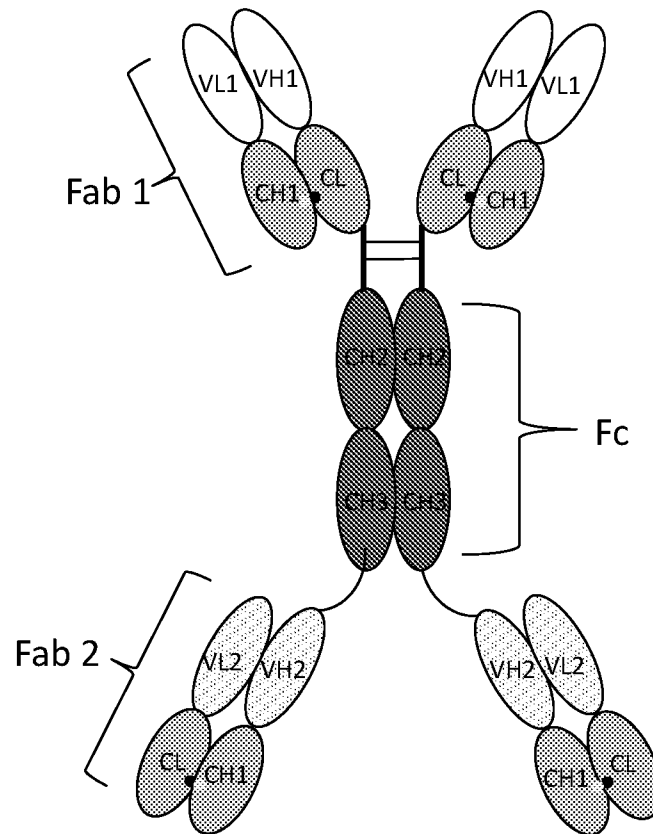
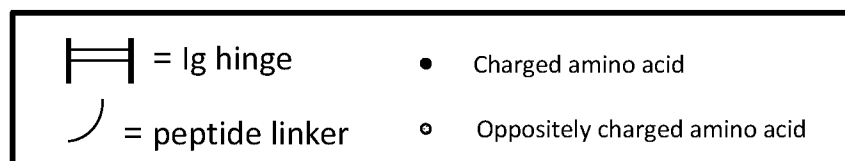


Fig. 26

IgG-Fab Titer: Chain Swapping
Expression Titer (293-6E) & Chain Swapping

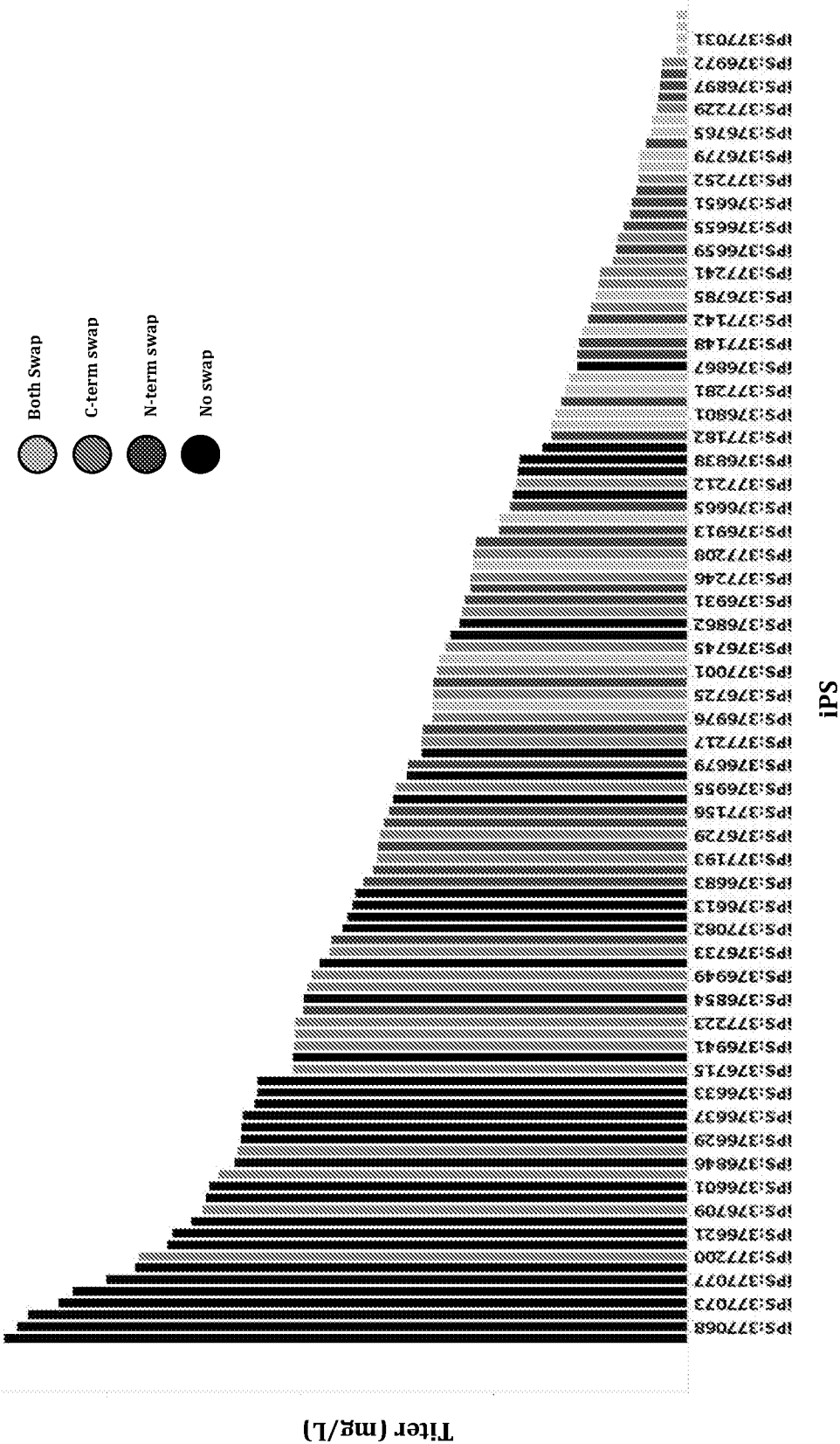
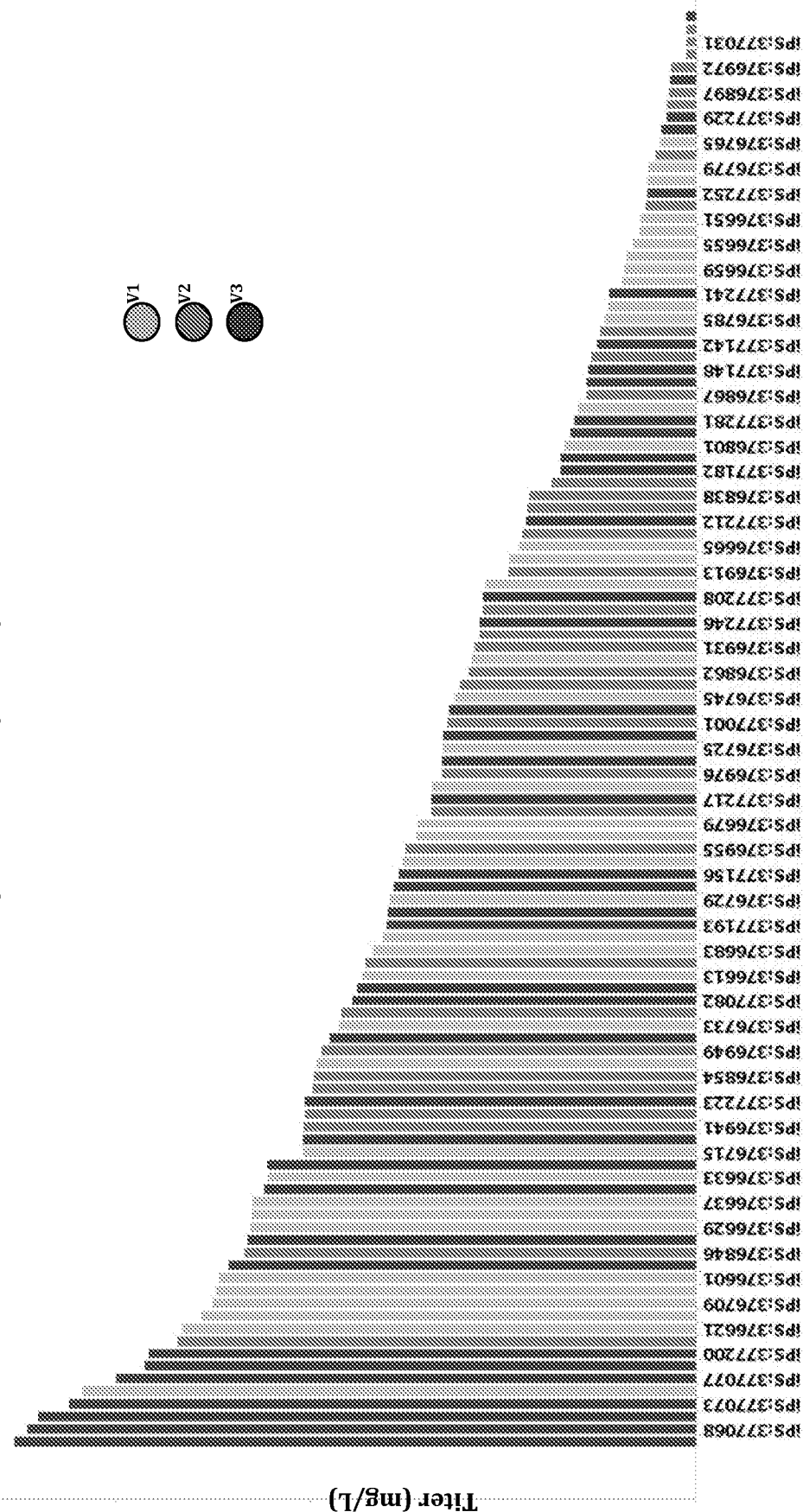


Fig. 27

IgG-Fab Titer: Charge Pair Mutations

Expression Titer (293-6E) & CPM



IPS

Fig. 28

IgG-Fab Purity: Chain Swaps &
Effect of Chain Swapping and CPM on HMW

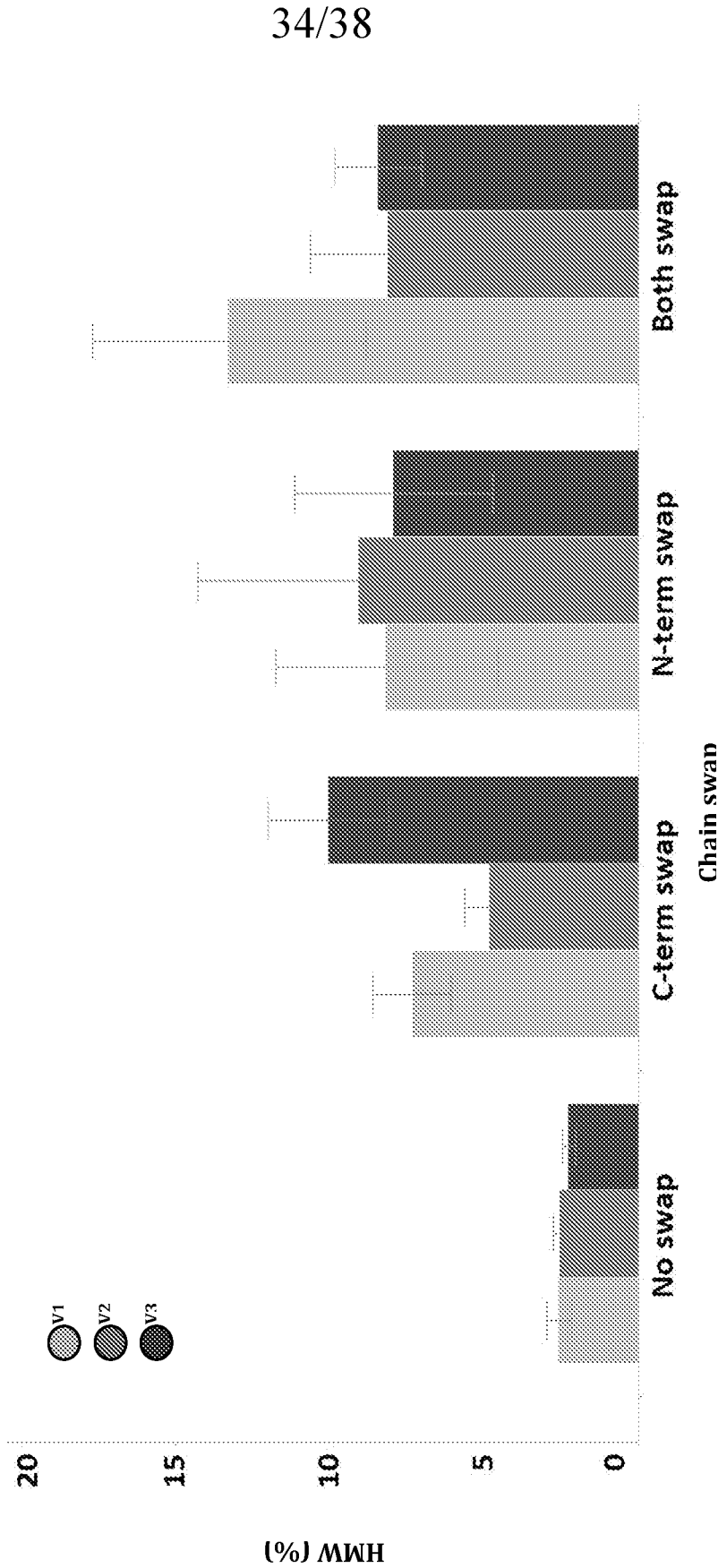


Fig. 29

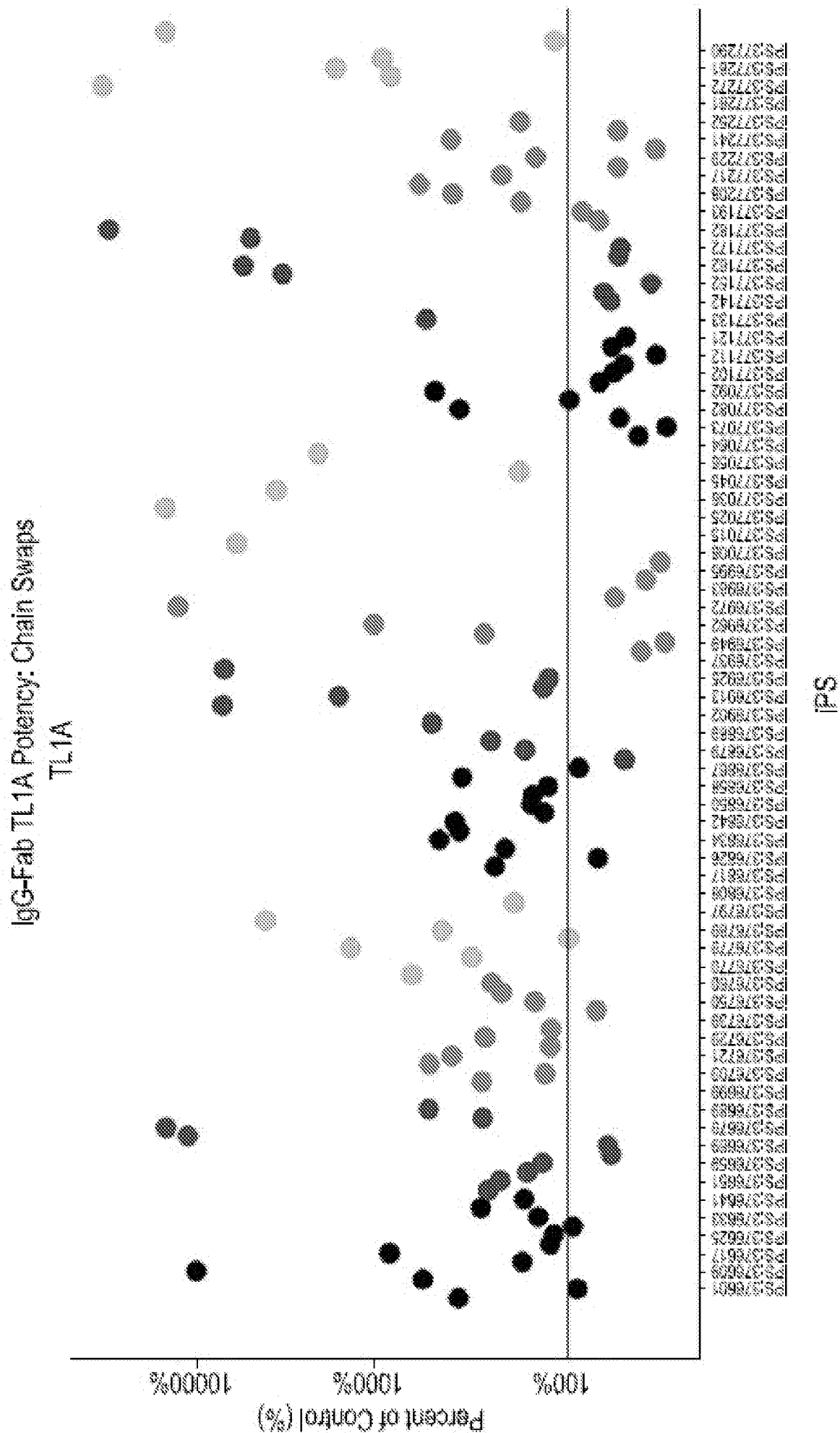
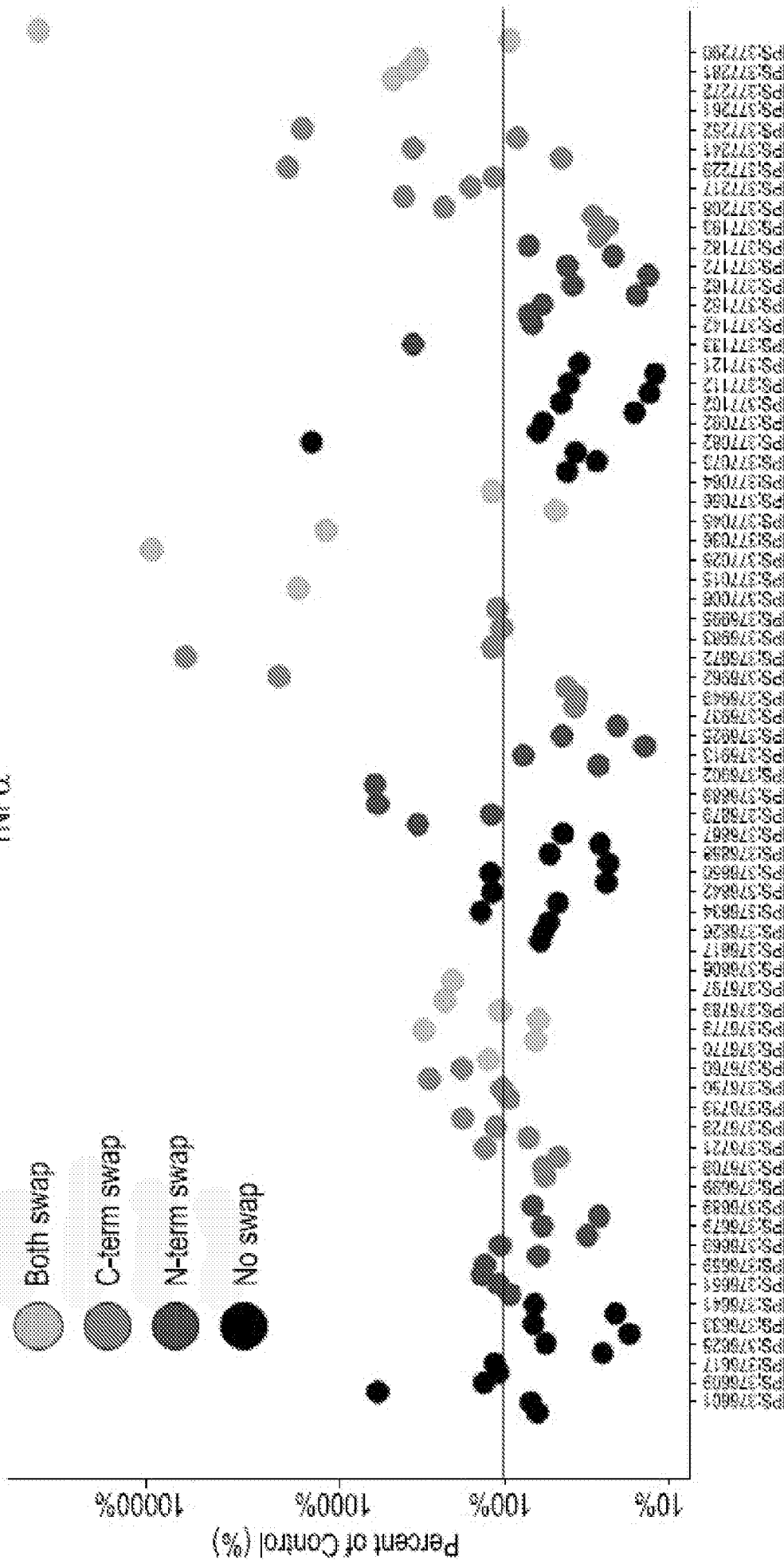


Fig. 30

IgG-Fab TNF α Potency: Chain Swaps

TNF α

- Both swap
- C-term swap
- N-term swap
- No swap



iPS

Fig. 31

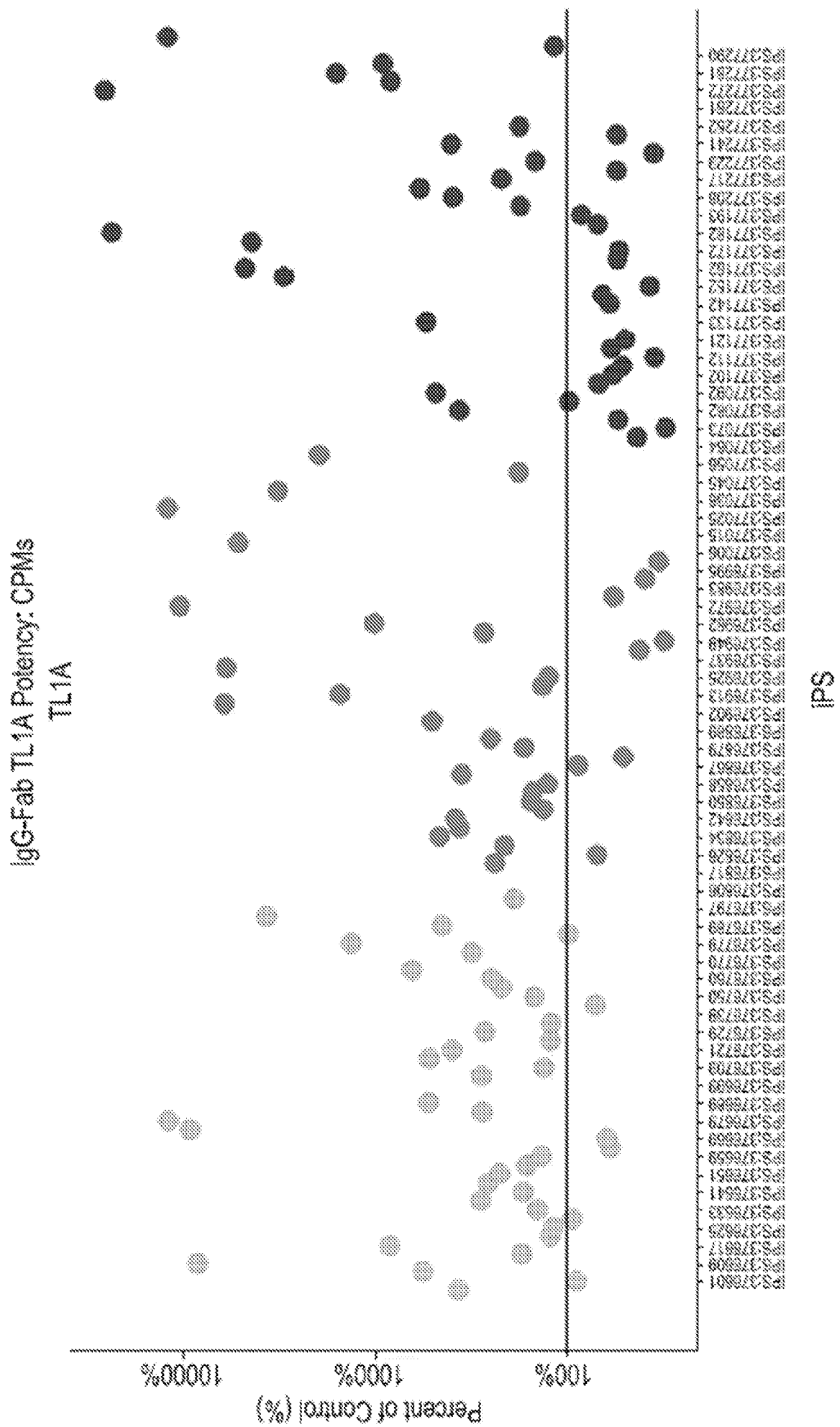


Fig. 32

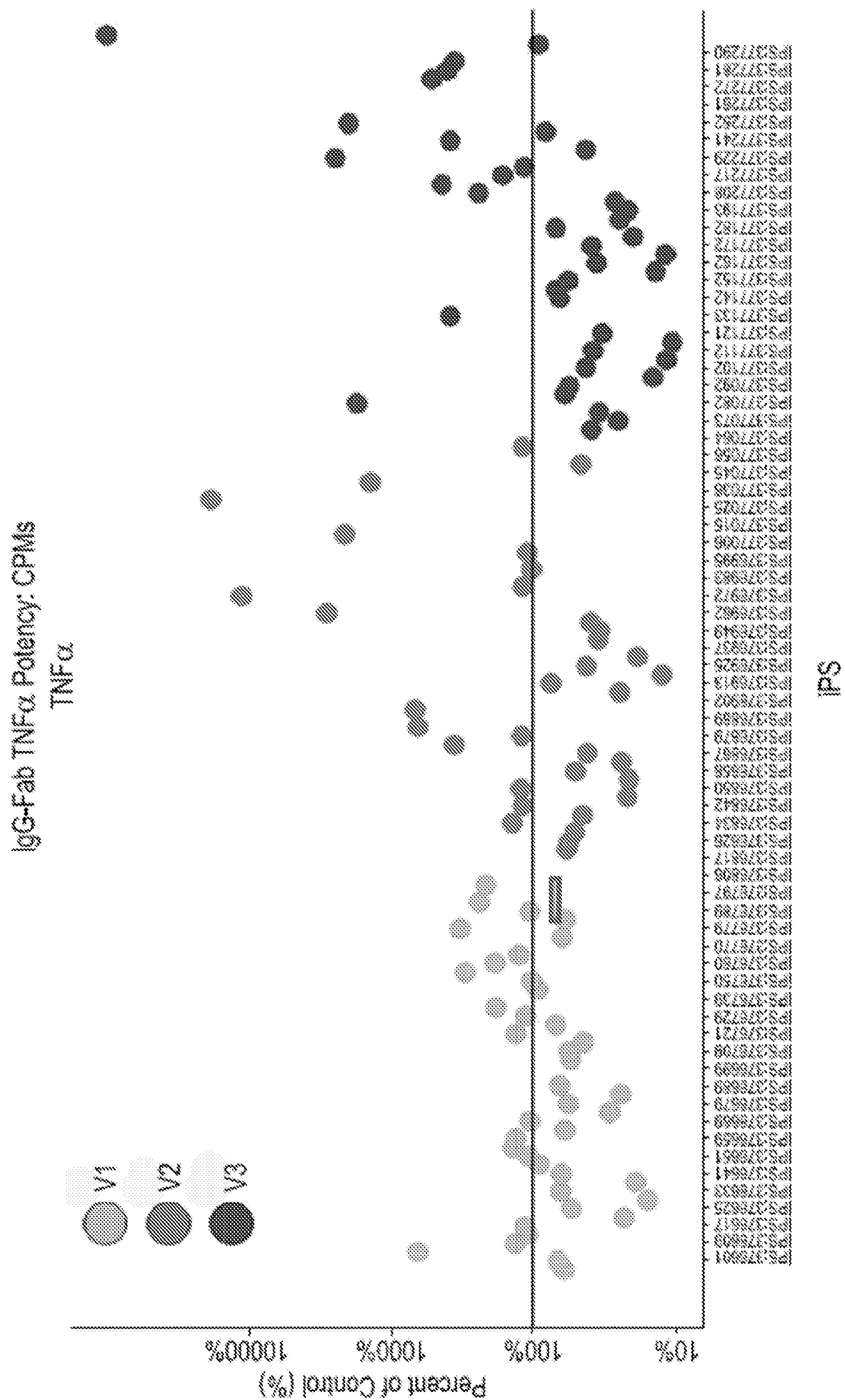


Fig. 33