

Figure 1. Diagram of TCR constant domain epitope.

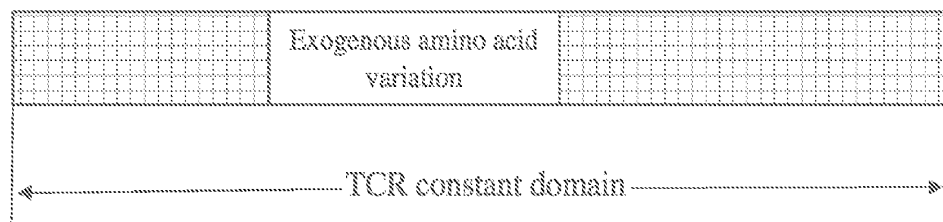


Figure 2A. Diagram of an antibody epitope where the antibody epitope is attached to the C-terminal a TCR chain.

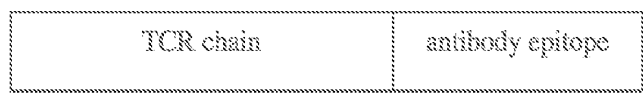


Figure 2B. Diagram of an antibody epitope where the antibody epitope is attached to the N-terminal of a TCR chain.



Figure 2C. Diagram of an antibody epitope where the antibody epitope is inserted into a TCR chain.

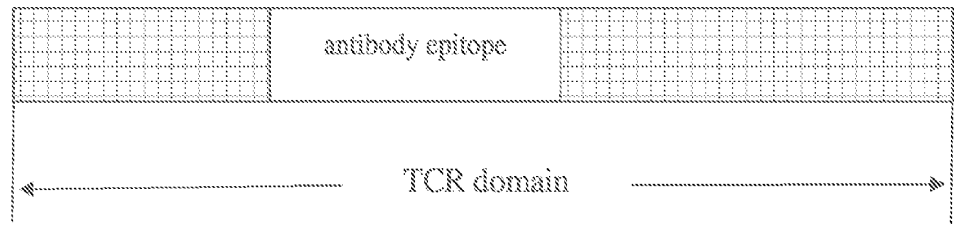


Figure 2D. Diagram of an antibody epitope where the antibody epitope is used to connect TCR α and TCR β chains. The positions of TCR α and TCR β chains can be switched.

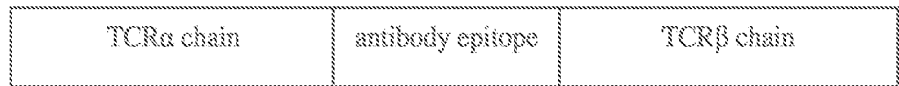


Figure 4

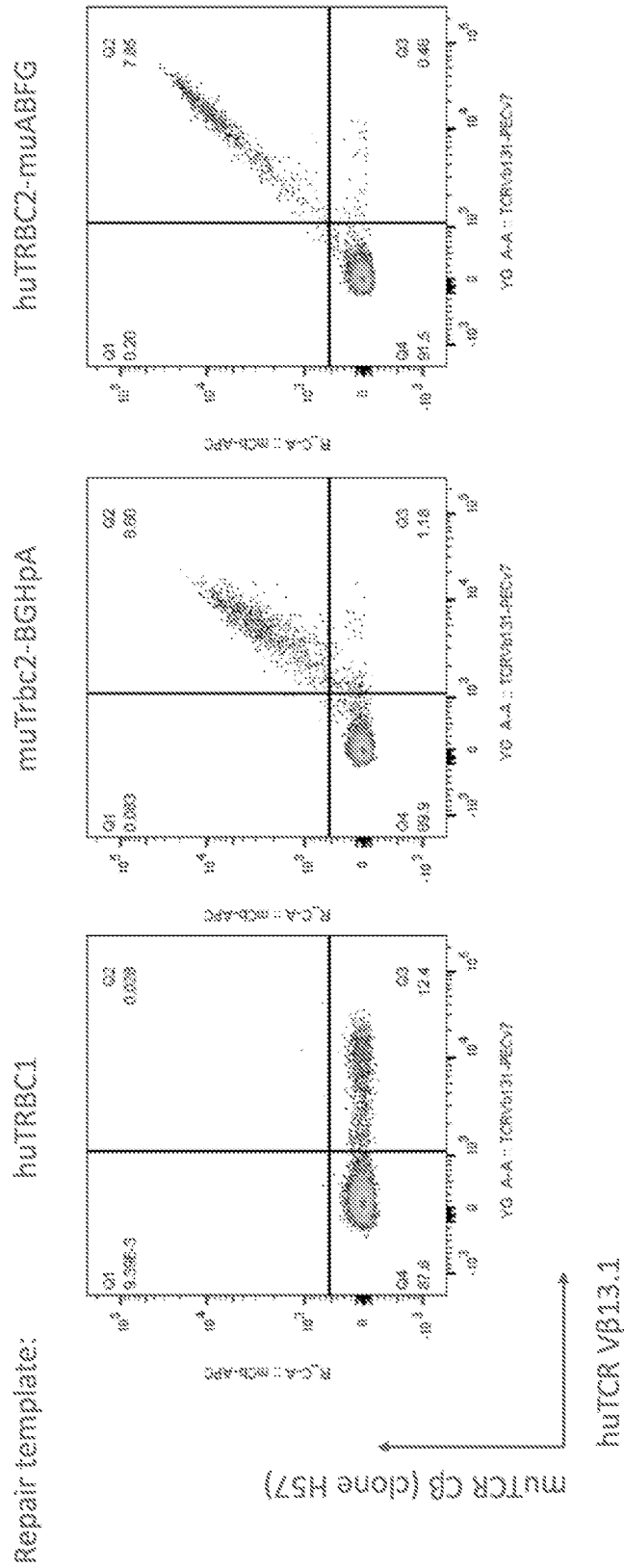


Figure 5

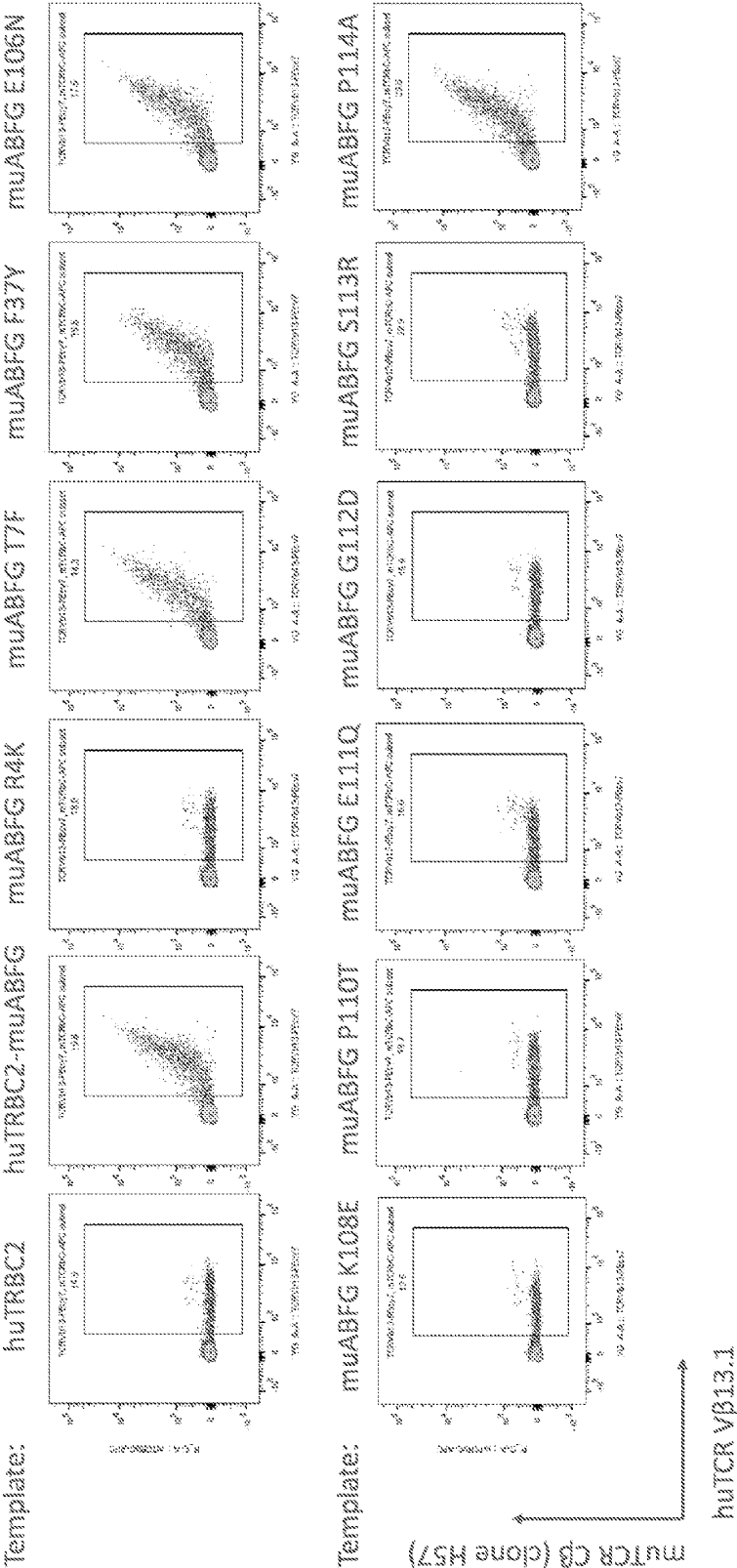


Figure 6

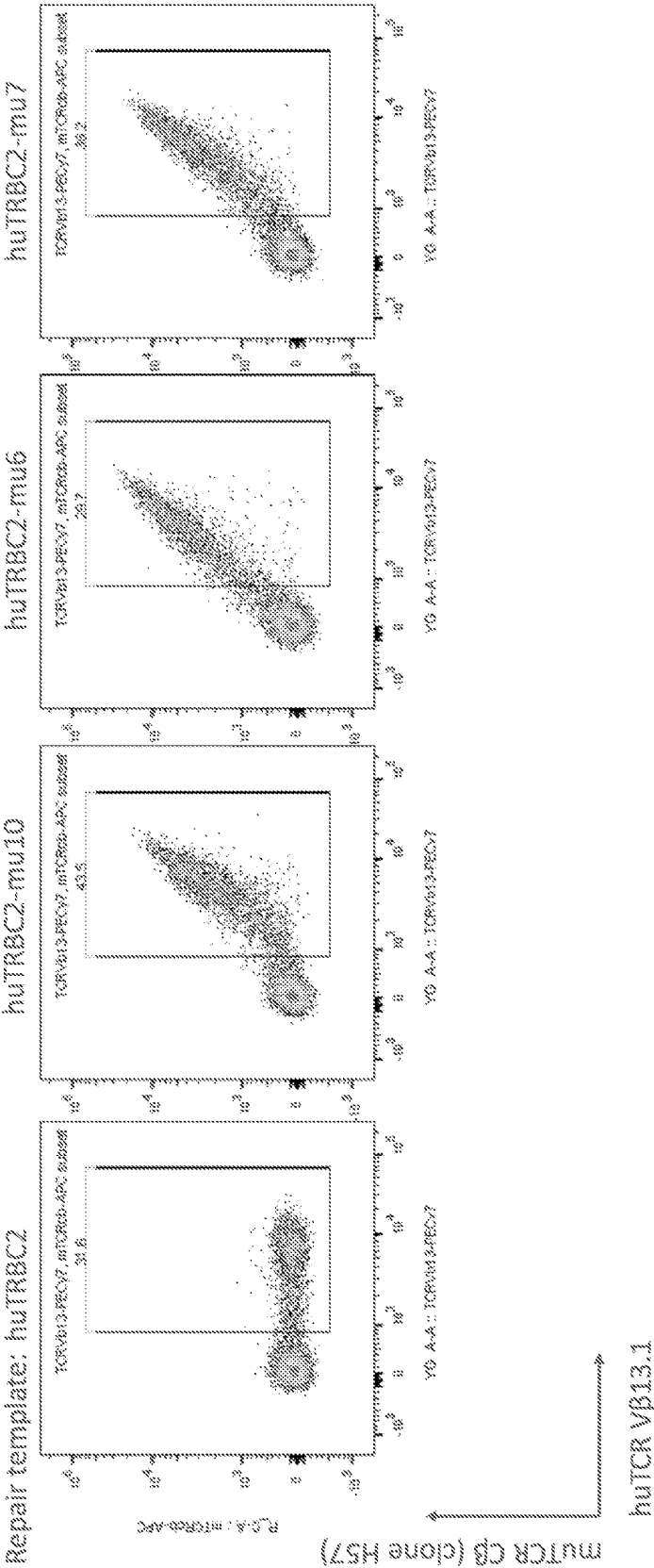


Figure 7

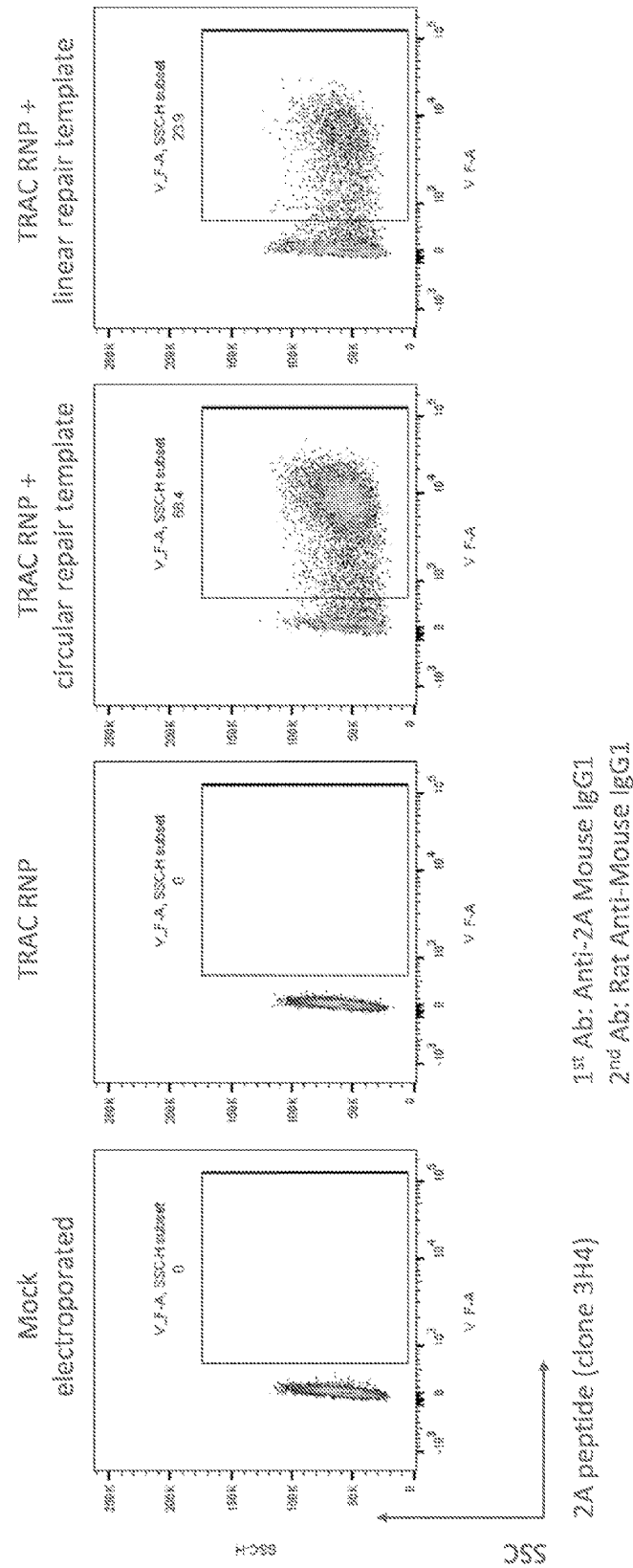


Figure 8

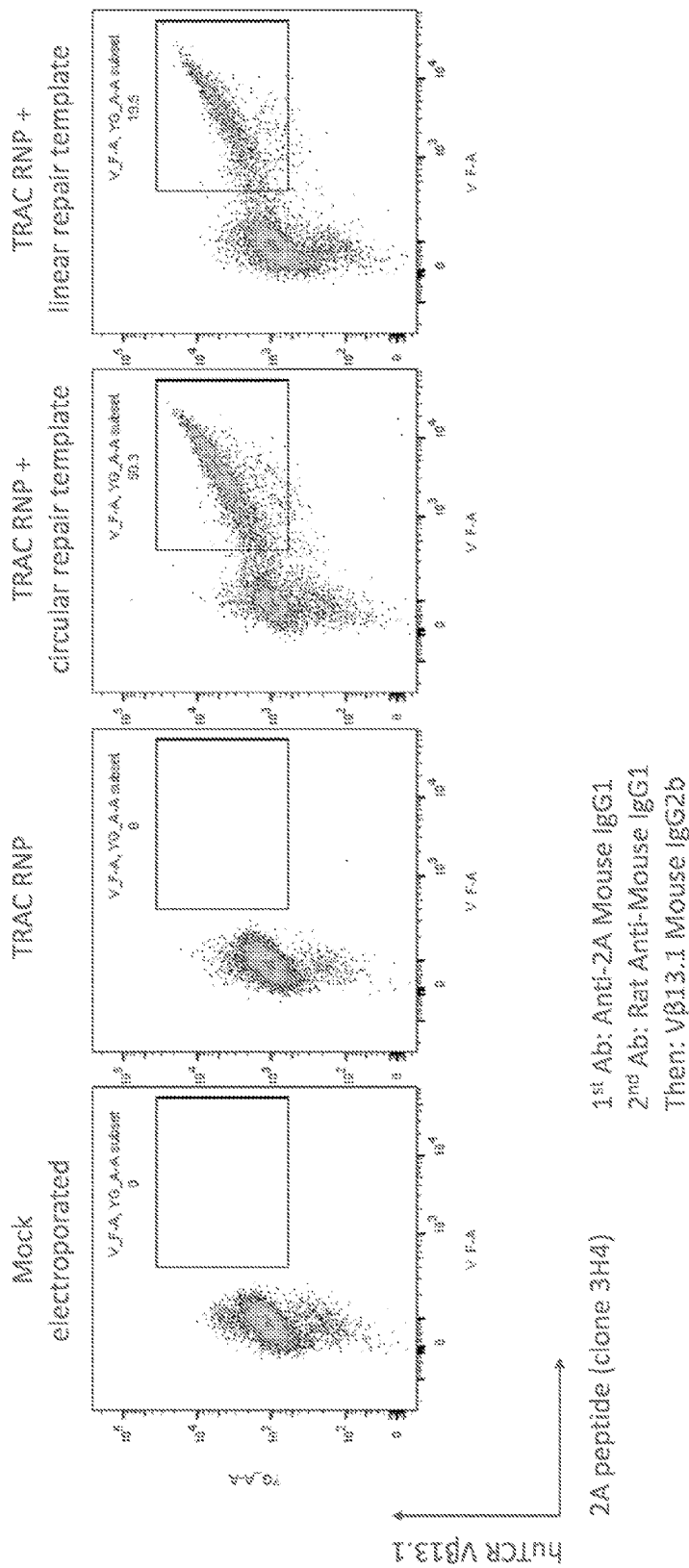


Figure 9

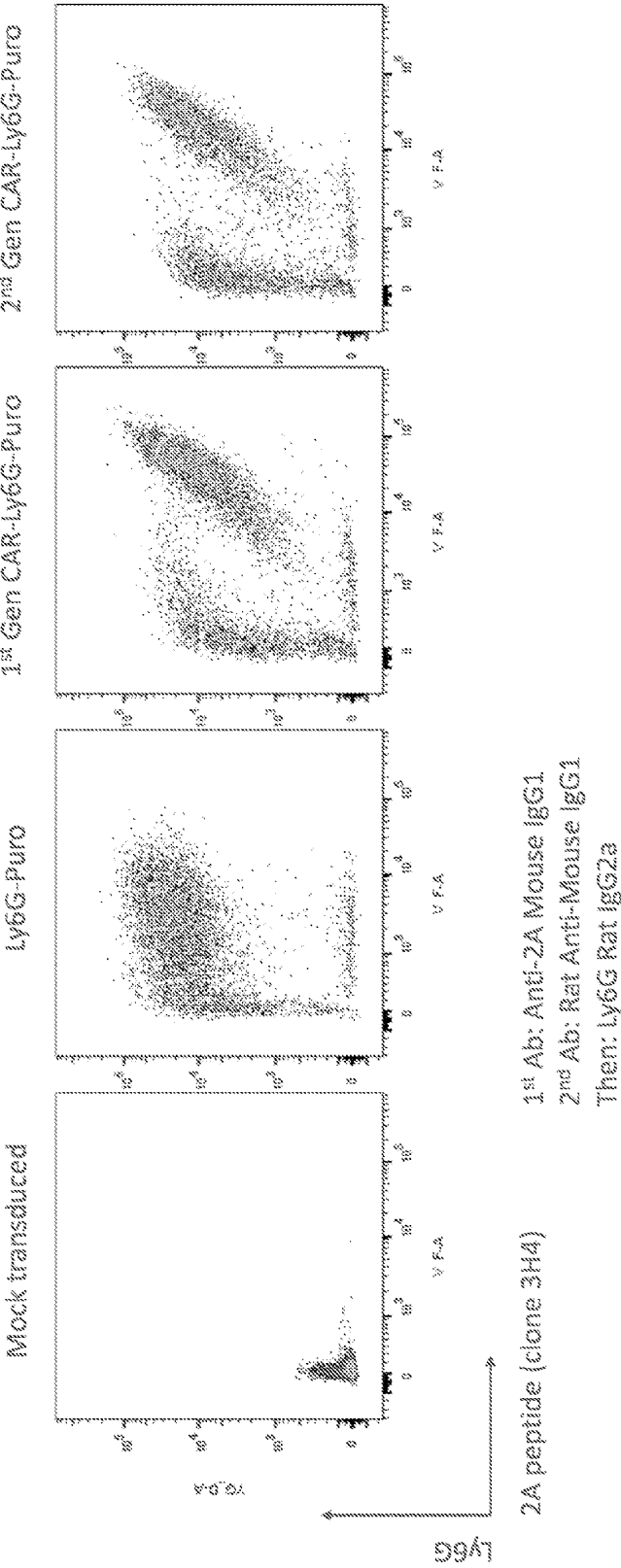


Figure 10. Immunogen used to raise 2A peptide antibody 3H4 (SEQ ID NO: 1)

CGDVEENPG

Figure 11. T2A peptide sequence (SEQ ID NO: 2)

EGRGSLLTCDGVEENPGP

Figure 12. P2A peptide sequence (SEQ ID NO: 3)

ATNFSLLKQAGDVEENPGP

Figure 13. Human TCR C β 2 domain containing the murine TCR epitope detectable by the H57 antibody (SEQ ID NO: 4)

XDLRNVFPPKVAVFEPSEAEISHTQKATLVCLATGFYPDHVELSWVWNG
KEVHSGVSTDPQPLKEQPALNDSRYCLSSRLRVSAATFWQNPRNHFRQV
QFYGLSENDKWPEGSAPVTQIVSAEAWGRADCGFTSESYQQGVLSATIL
YEILLGKATLYAVLVSAVLMLAMVKKDSRG

Figure 14. Human TCR C β 2 domain linked to the T2A peptide epitope detectable by the 3H4 antibody (SEQ ID NO: 5)

XDLRNVFPPKVAVFEPSEAEISHTQKATLVCLATGFYPDHVELSWVWNG
KEVHSGVSTDPQPLKEQPALNDSRYCLSSRLRVSAATFWQNPRNHFRQV
QFYGLSENDEWTQDRAKPVTQIVSAEAWGRADCGFTSESYQQGVLSATI
LYEILLGKATLYAVLVSAVLMLAMVKKDSRGGSGEGRGSLLTCDGVEE
NPGP

Figure 15. A fragment of a T2A or P2A peptide sequence (SEQ ID NO: 6)

GDVEENPG

Figure 16. A fragment of a E2A or F2A peptide sequence (SEQ ID NO: 7)

GDVESNPG

Figure 17. Human TCR C β 2 domain (SEQ ID NO: 8)

XDLKNVFPPKVAVFEPSEAEISHTQKATLVCLATGFYPDHVELSWVNG
KEVHSGVSTDPQPLKEQPALNDSRYCLSSRLRVSATFWQNFRNHFRQCQV
QFYGLSENDEWTQDRAKPVTQIVSAEAWGRADCGFTSESYQQGVLSATI
LYEILLGKATLYAVLVSAVLMLAMVKKRSDSRG

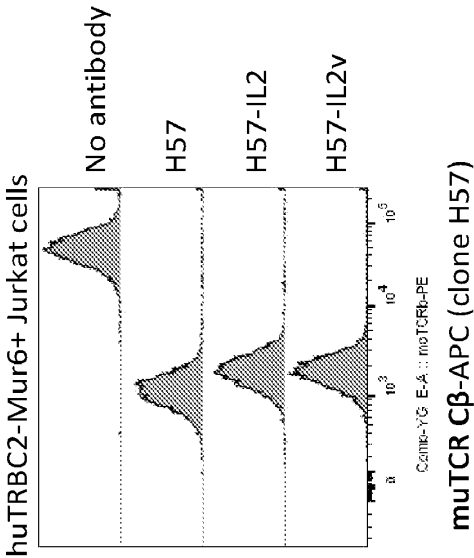


Fig. 18

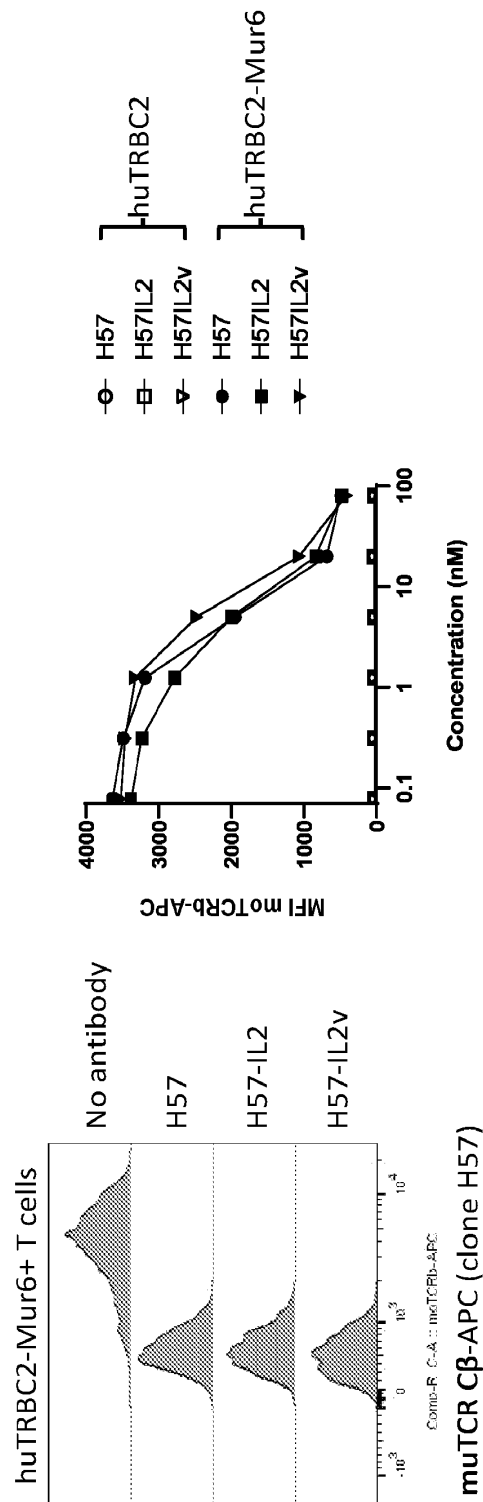


Fig. 19

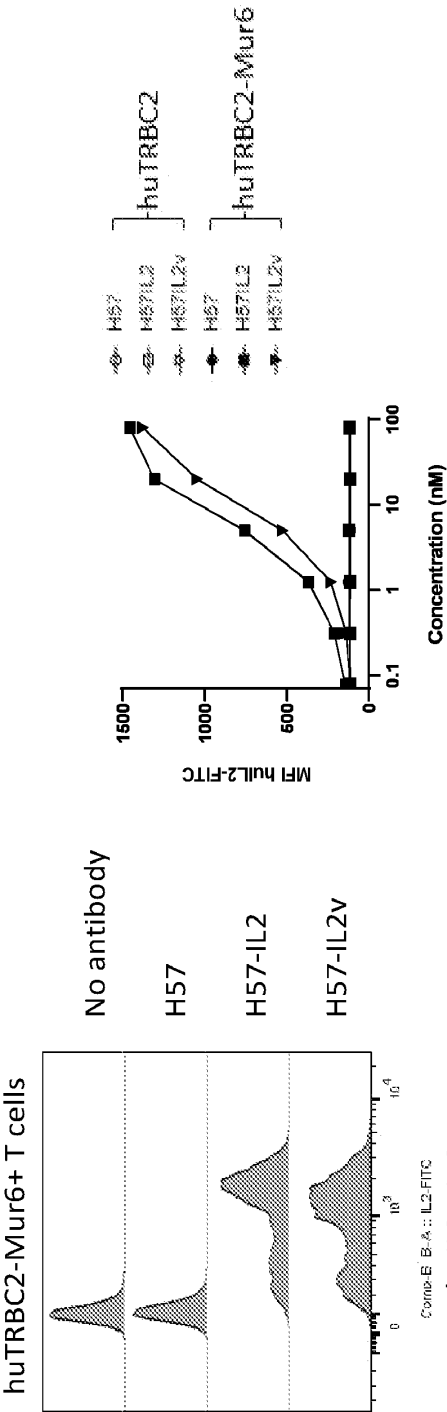


Fig. 20

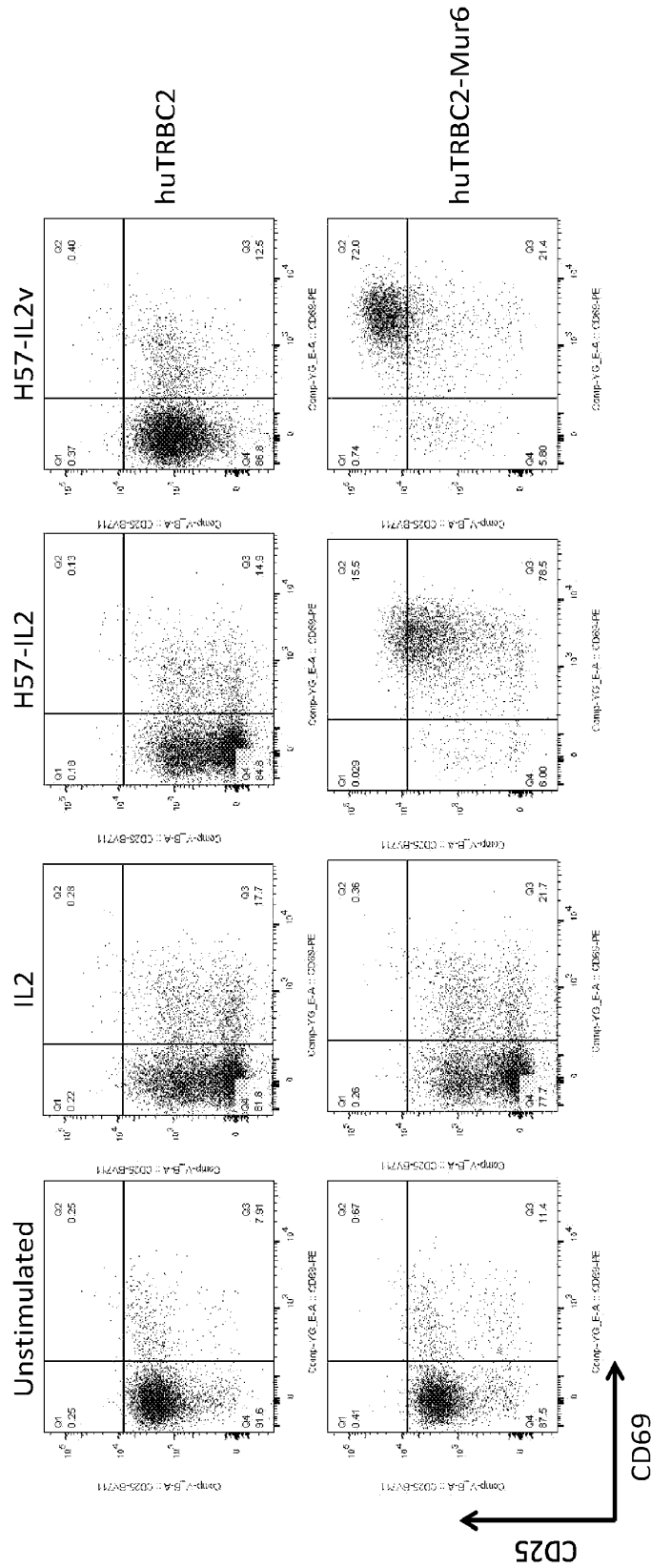


Fig. 21

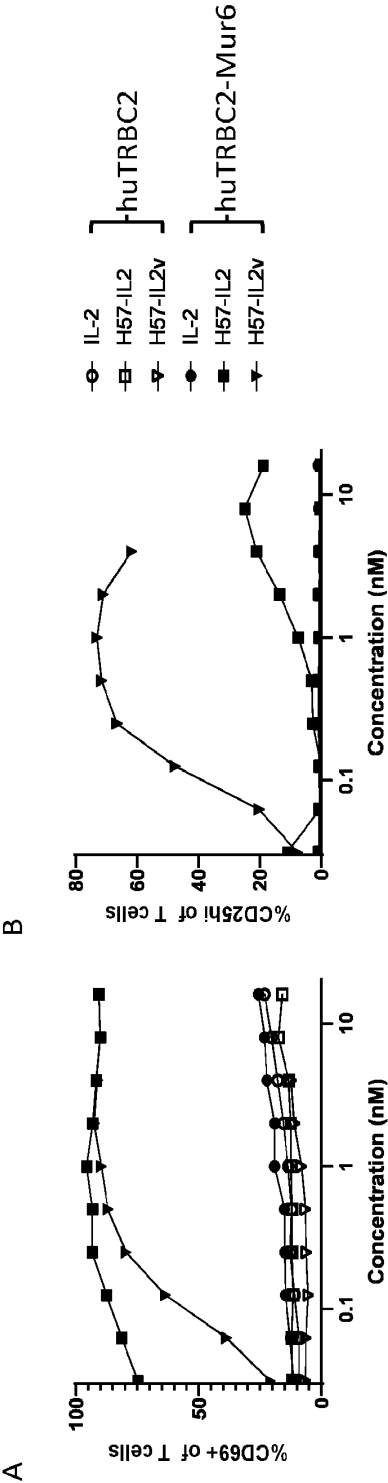


Fig. 22

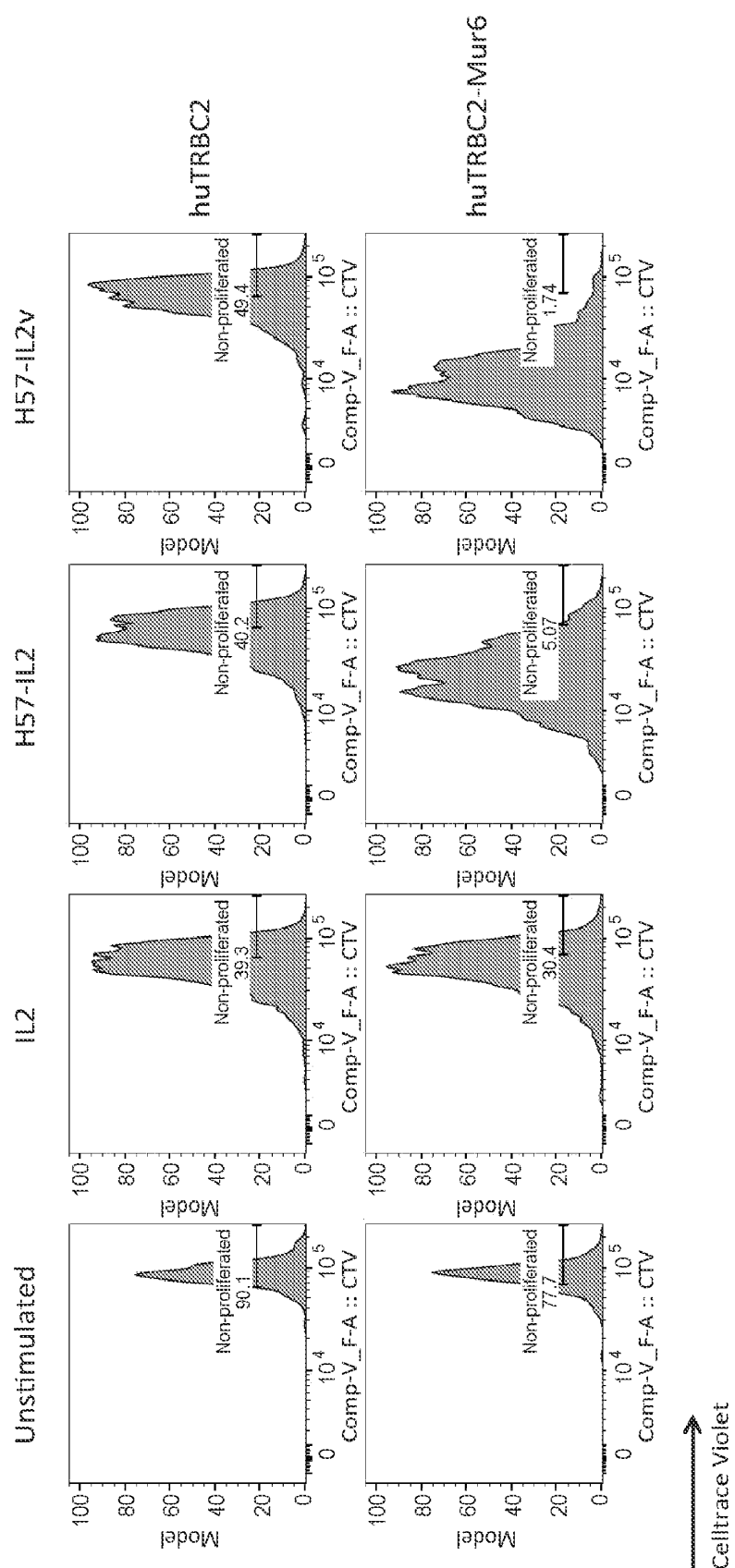


Fig. 23

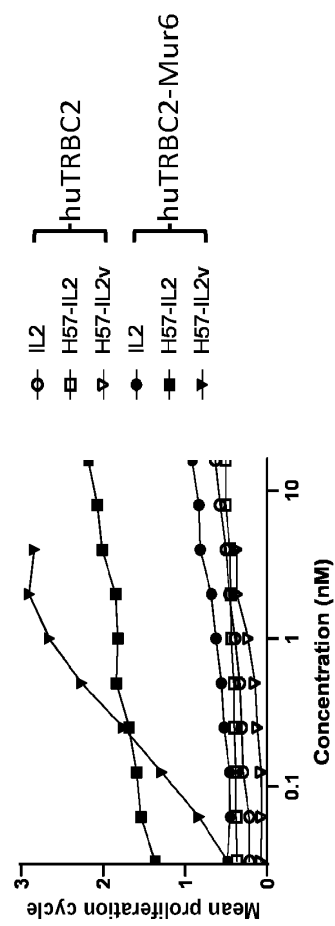


Fig. 24

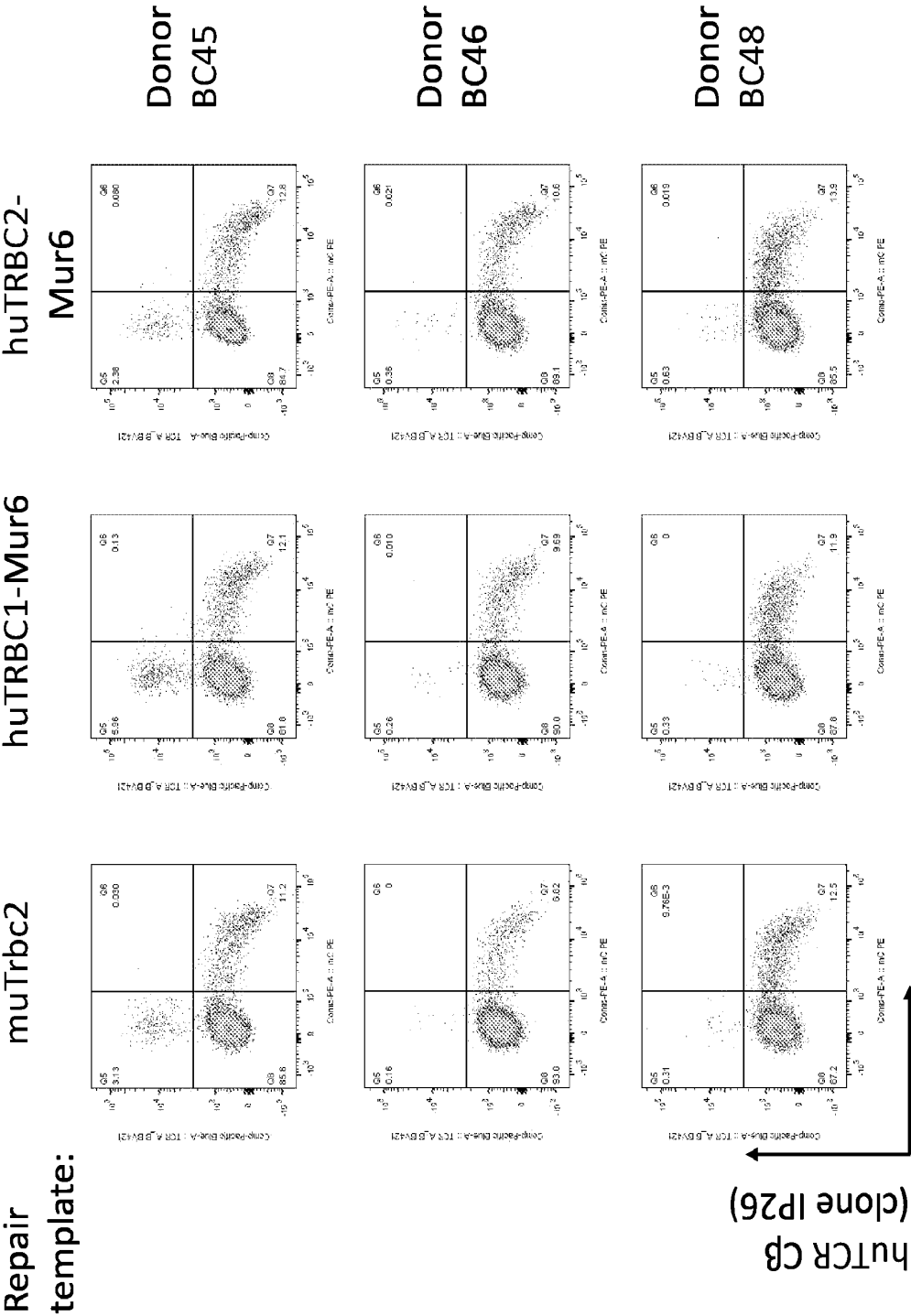


Fig. 25

huTRC C β (clone IP26)

muTRC C β (clone H57)

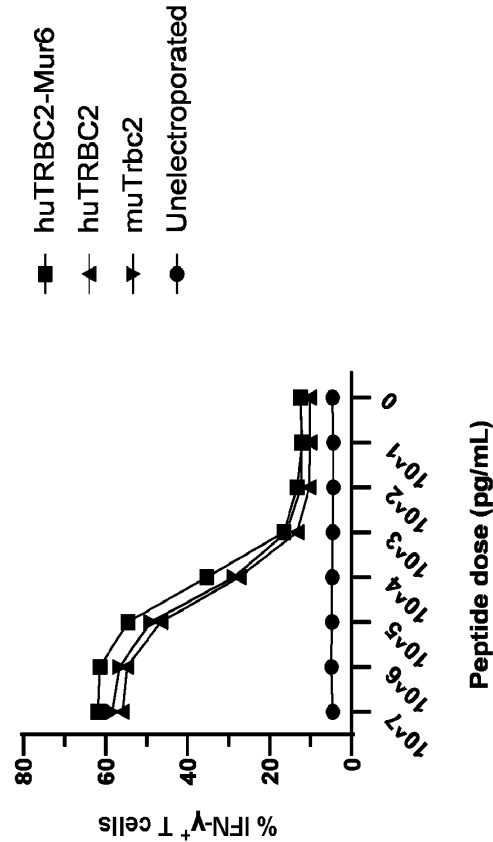


Fig. 26A

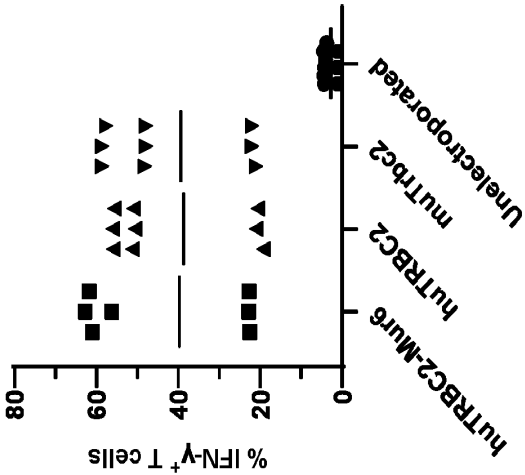


Fig. 26B

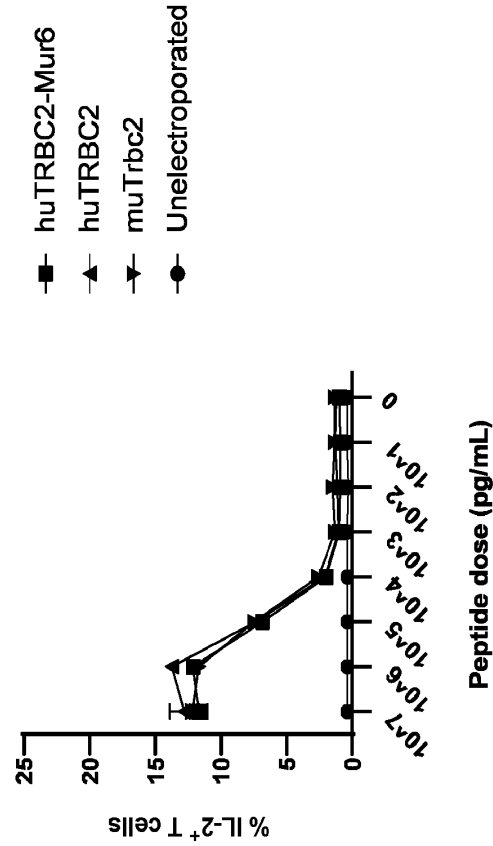
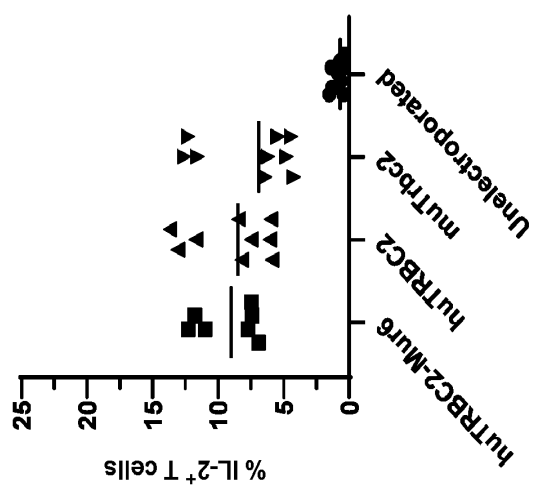


Fig. 26C



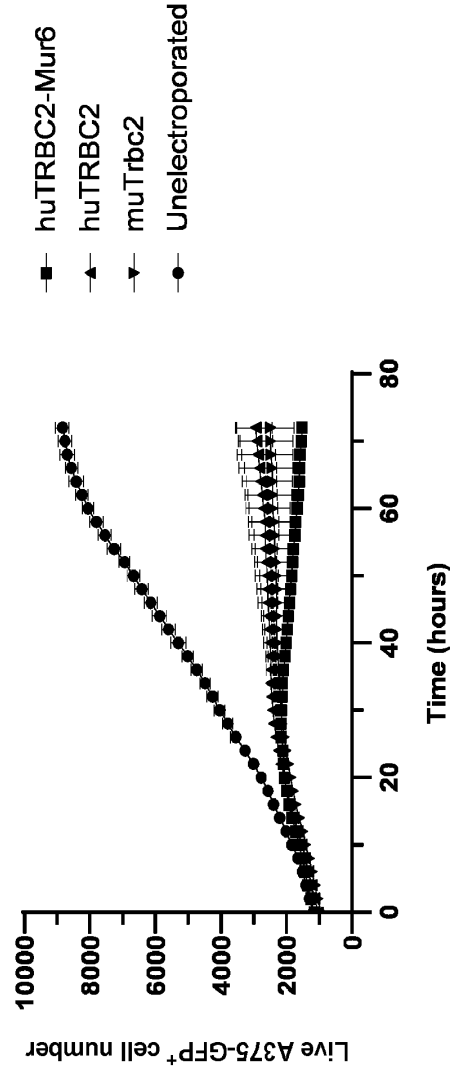


Fig. 27A

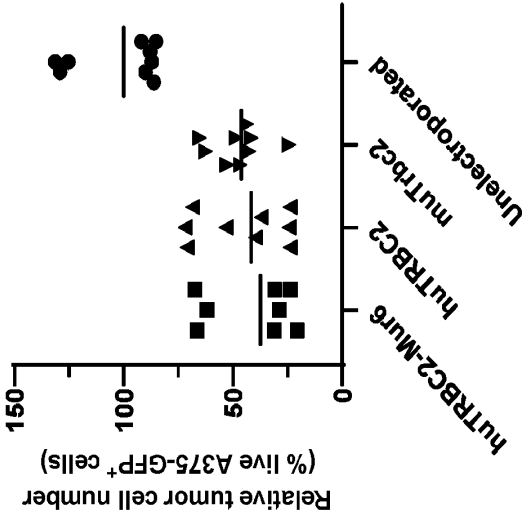


Fig. 27B