

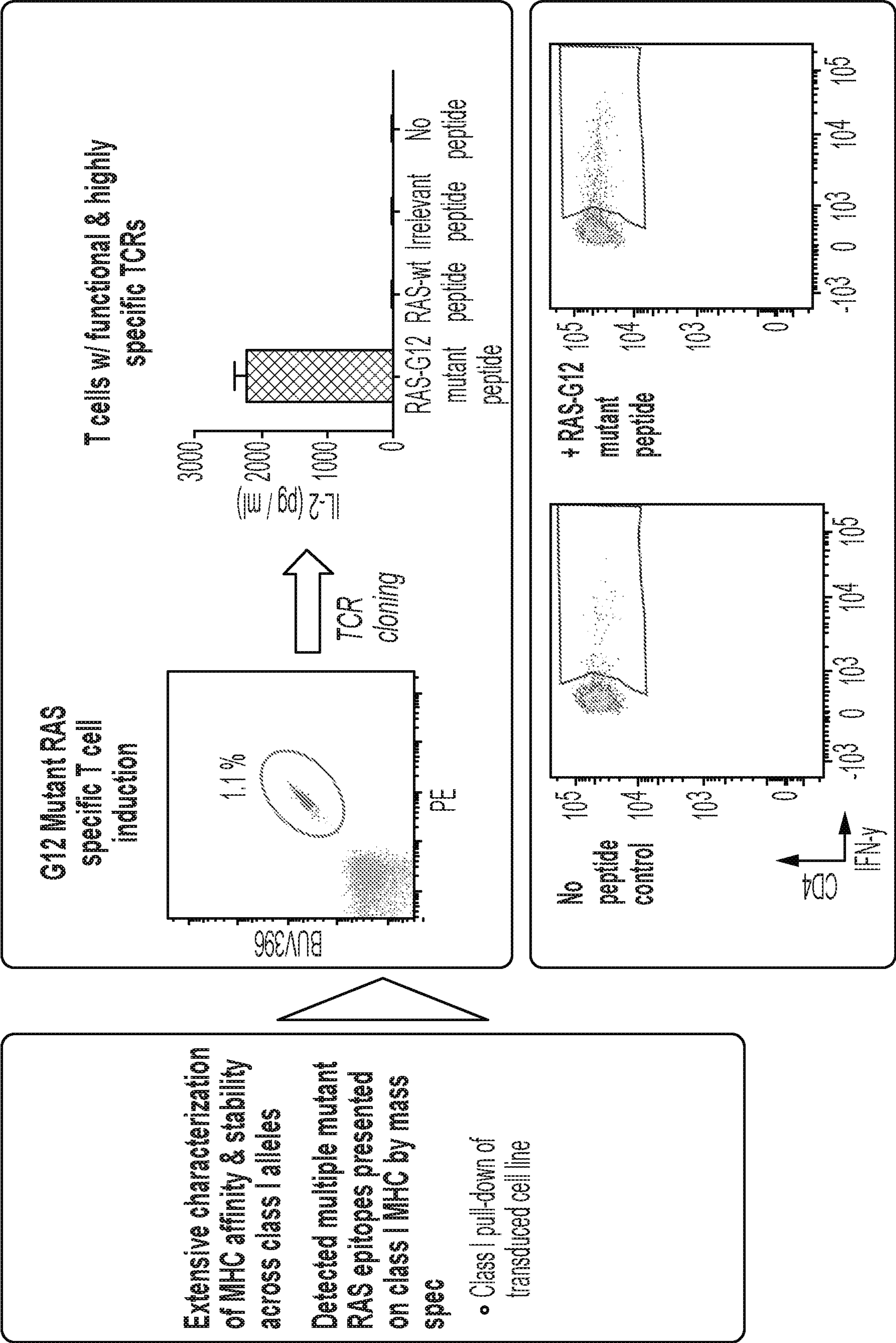


FIG. 1

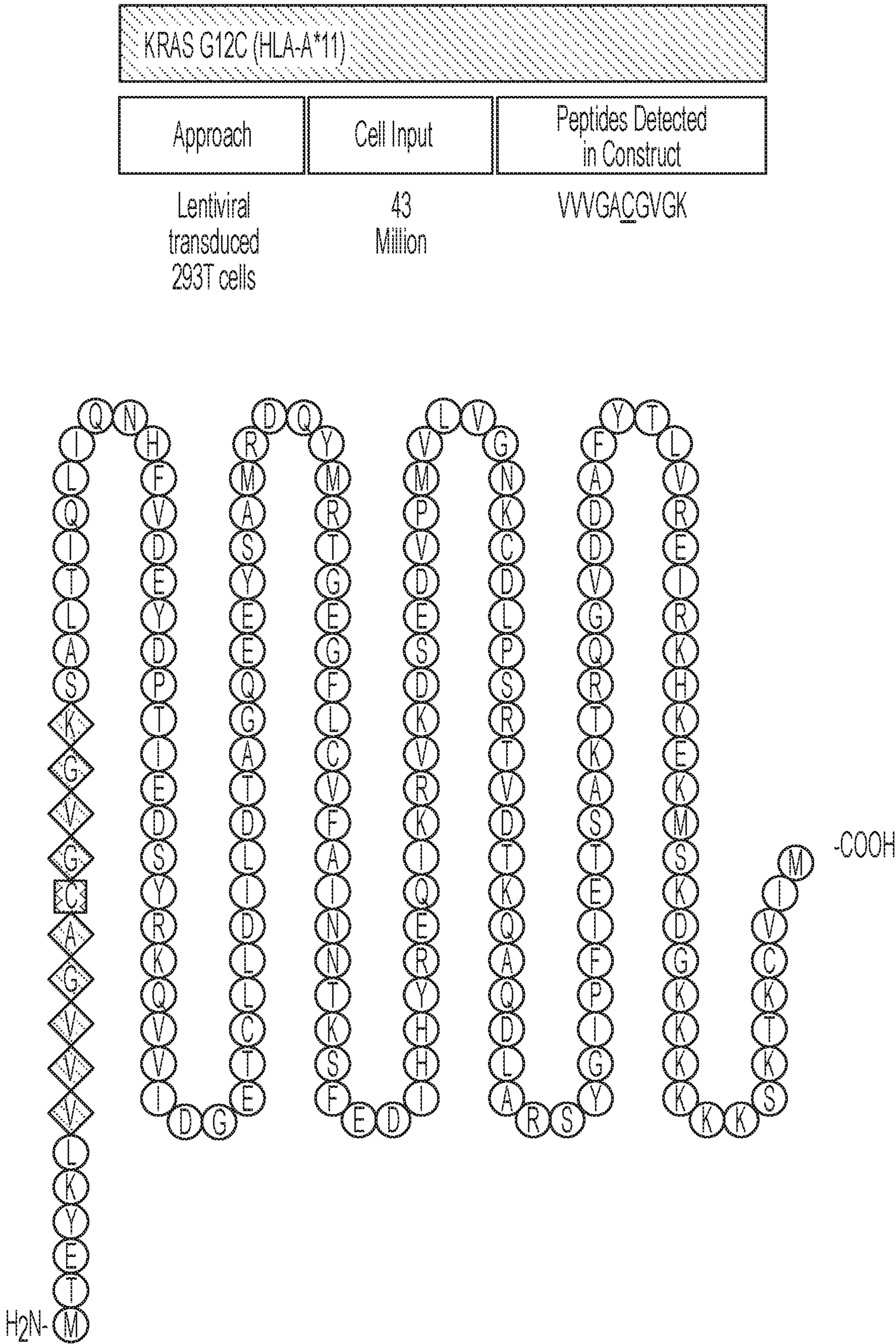


FIG. 2A

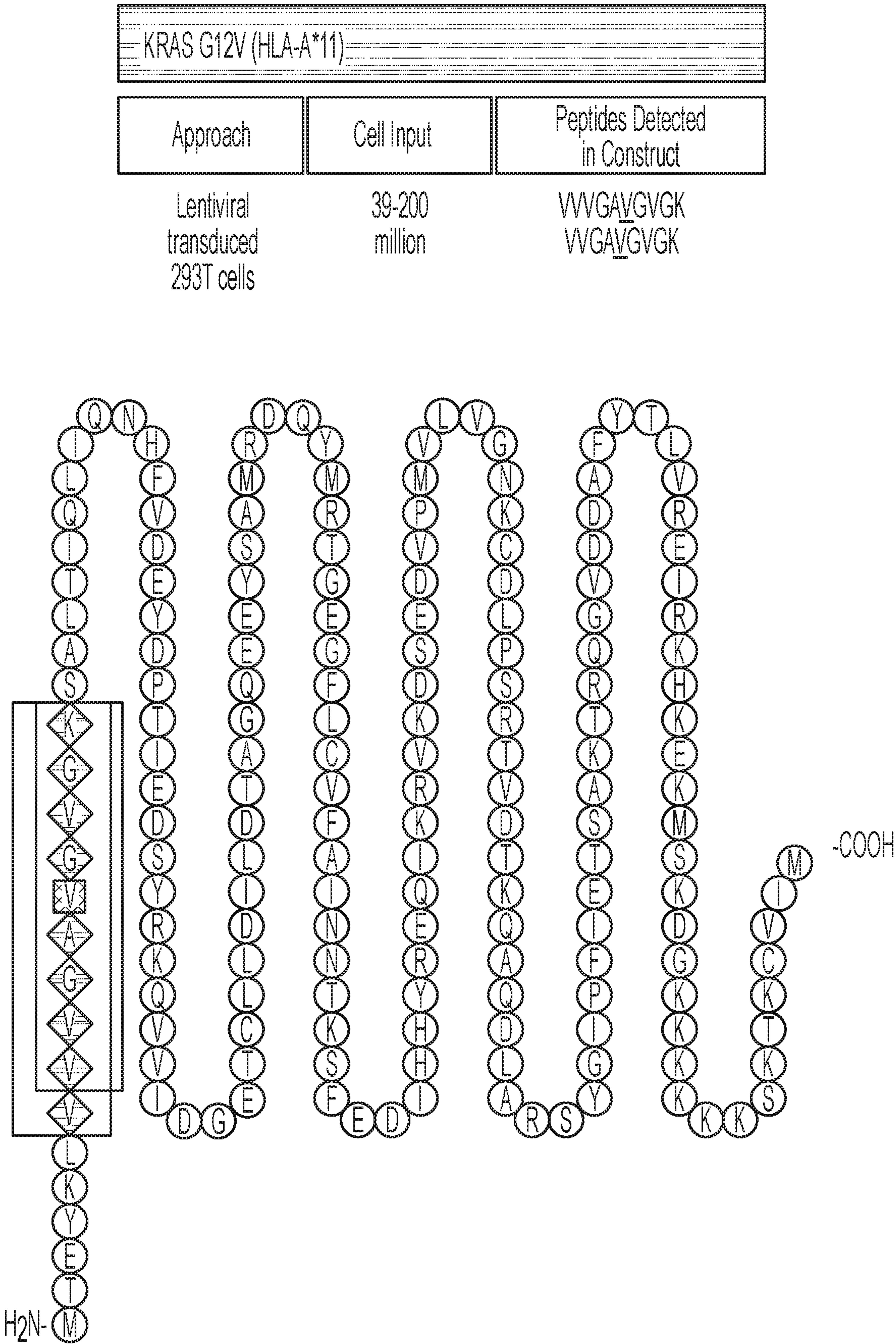


FIG. 2A
CONTINUED

Allele	Mutation	Epitope	Detected by MS?
A*02:01	G12C	LVVVGAC <u>G</u> GV	-
	G12C	KLVVVGAC <u>G</u> GV	-
	G12D	LVVVGAD <u>G</u> GV	-
	G12D	KLVVVGAD <u>G</u> GV	-
	G12V	LVVVGAV <u>G</u> GV	-
	G12V	KLVVVGAV <u>G</u> GV	-
A*03:01	G12C	VVGAC <u>G</u> VGK	-
	G12C	VVVGAC <u>G</u> VGK	✓
	G12D	VVGAD <u>G</u> VGK	-
	G12D	VVVGAD <u>G</u> VGK	-
	G12V	VVGAV <u>G</u> VGK	✓
	G12V	VVVGAV <u>G</u> VGK	✓
A*11:01	G12C	VVGAC <u>G</u> VGK	-
	G12C	VVVGAC <u>G</u> VGK	✓
	G12D	VVGAD <u>G</u> VGK	-
	G12D	VVVGAD <u>G</u> VGK	✓
	G12V	VVGAV <u>G</u> VGK	✓
	G12V	VVVGAV <u>G</u> VGK	✓
B*08:01	G12D	<u>D</u> GVGKSAL	-
	G12D	<u>D</u> GVGKSALT	-
	G12D	<u>D</u> GVGKSALTI	-

✓ Detected
- Assayed for, but not detected

FIG. 2B

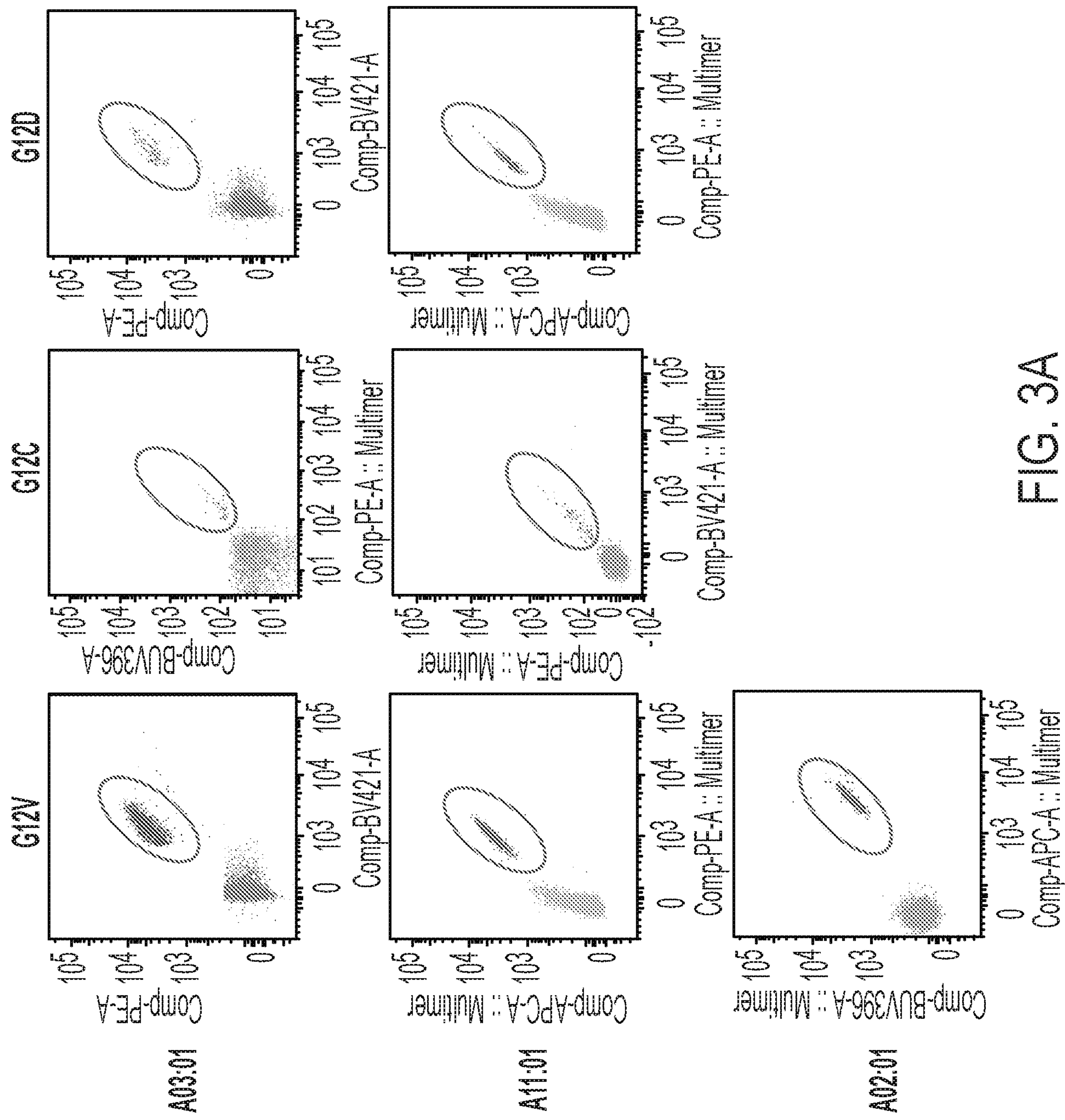


FIG. 3A

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G12D

B08:01

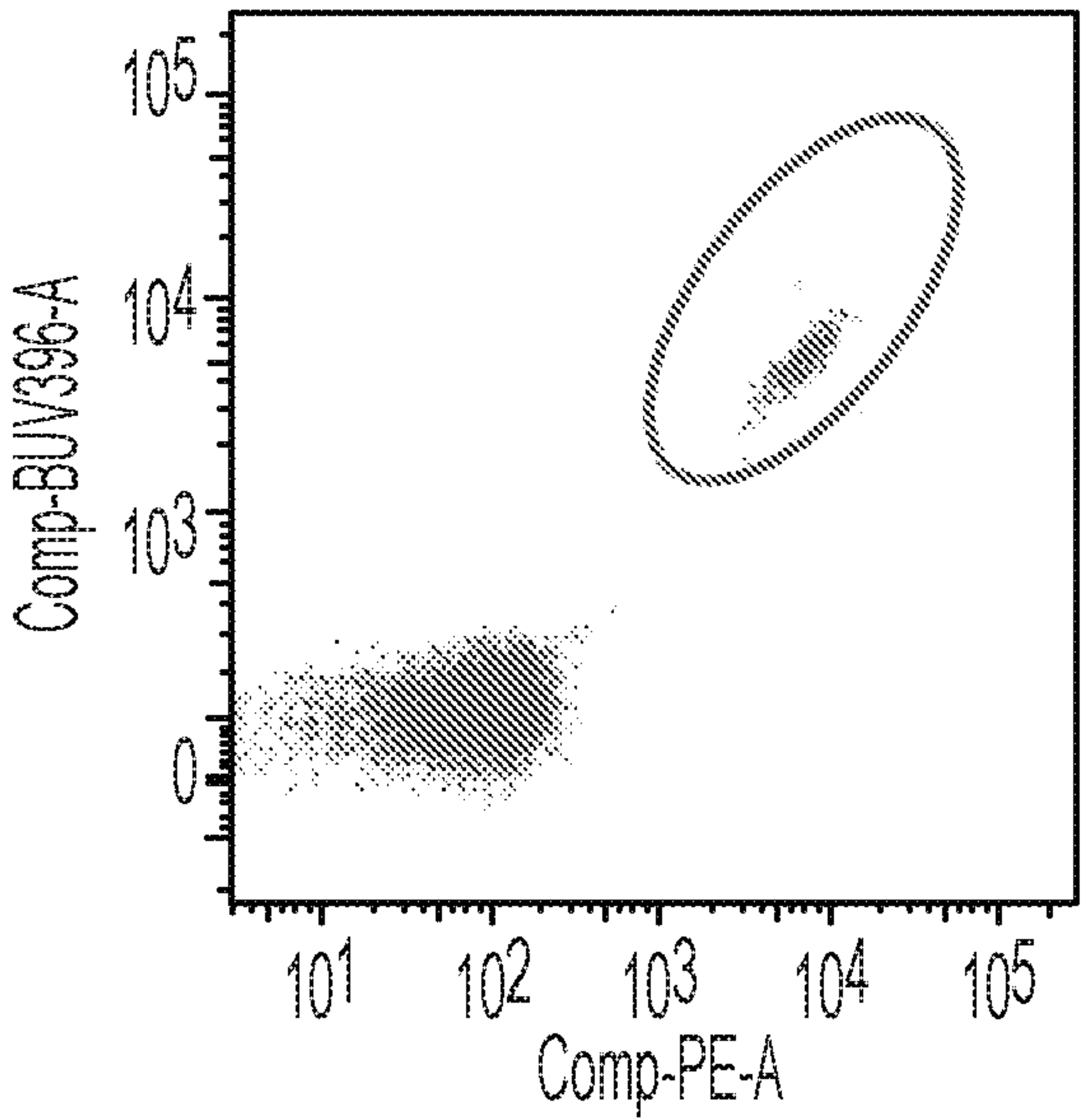


FIG. 3B

Stimulating peptide: TEYKLVVVGAVGVGKSALTl
Minimal epitope used for multimer detection: (V)VVGAVGVGK

G12V

A11:01

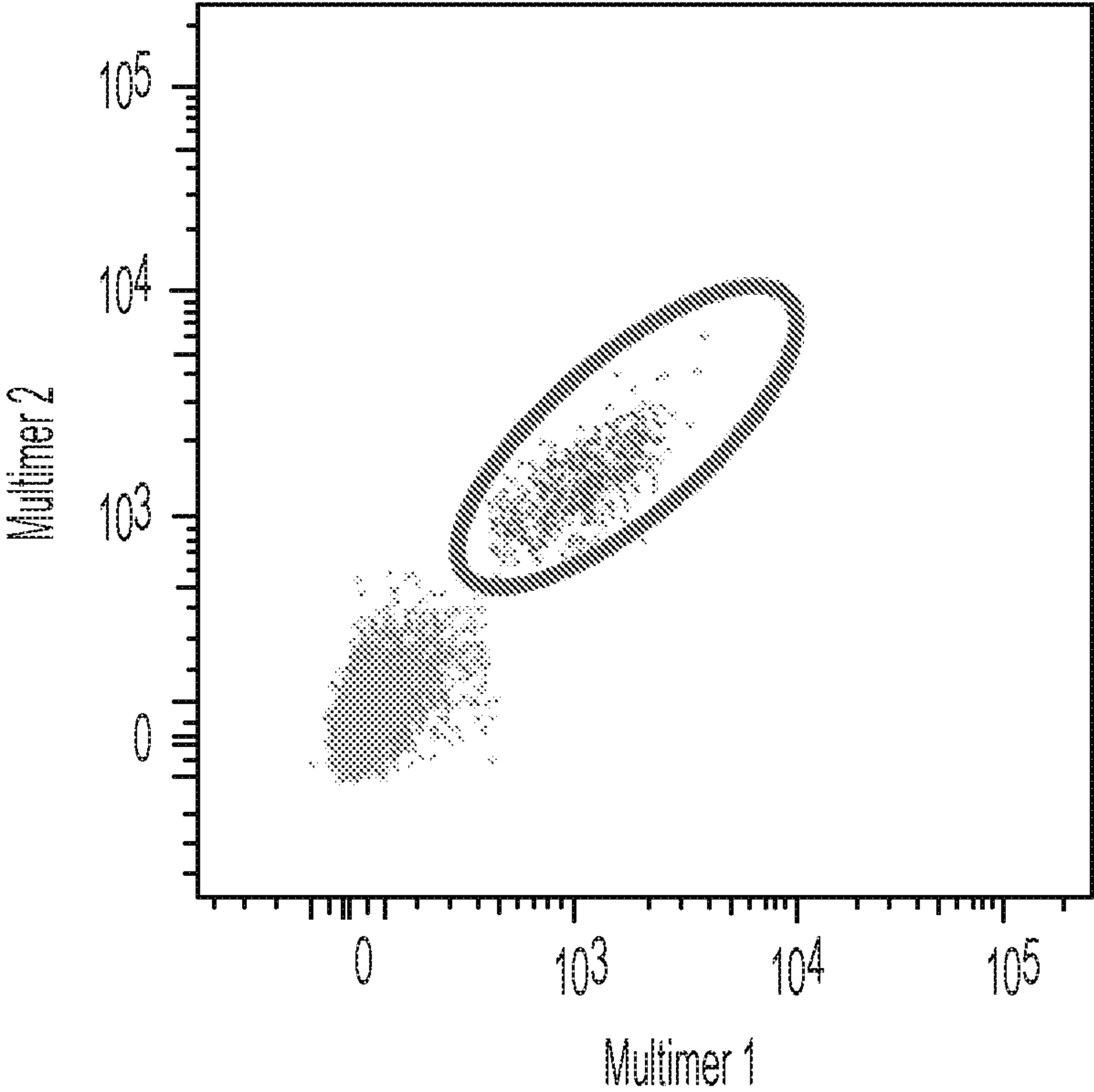


FIG. 3C

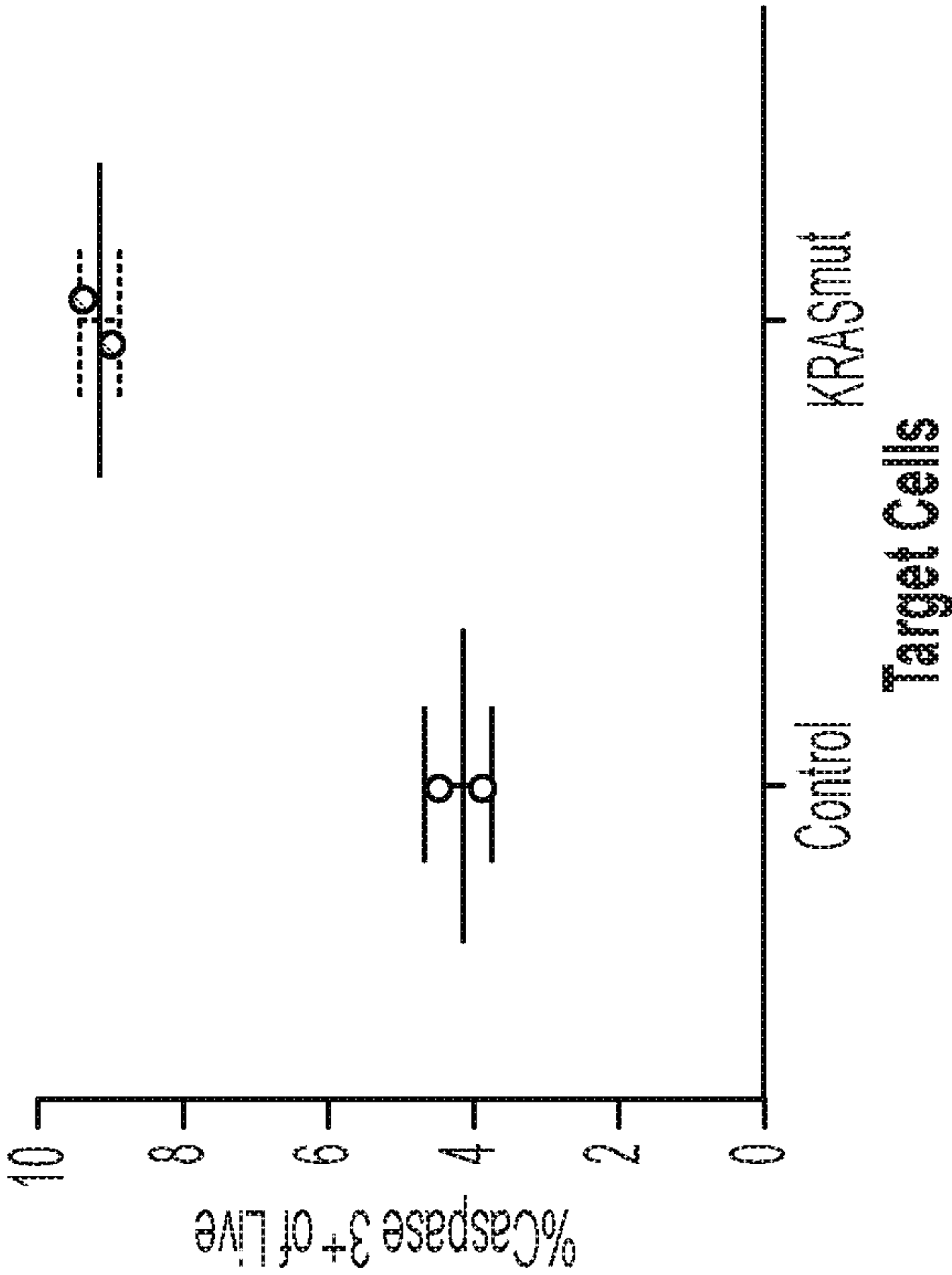


FIG. 4B

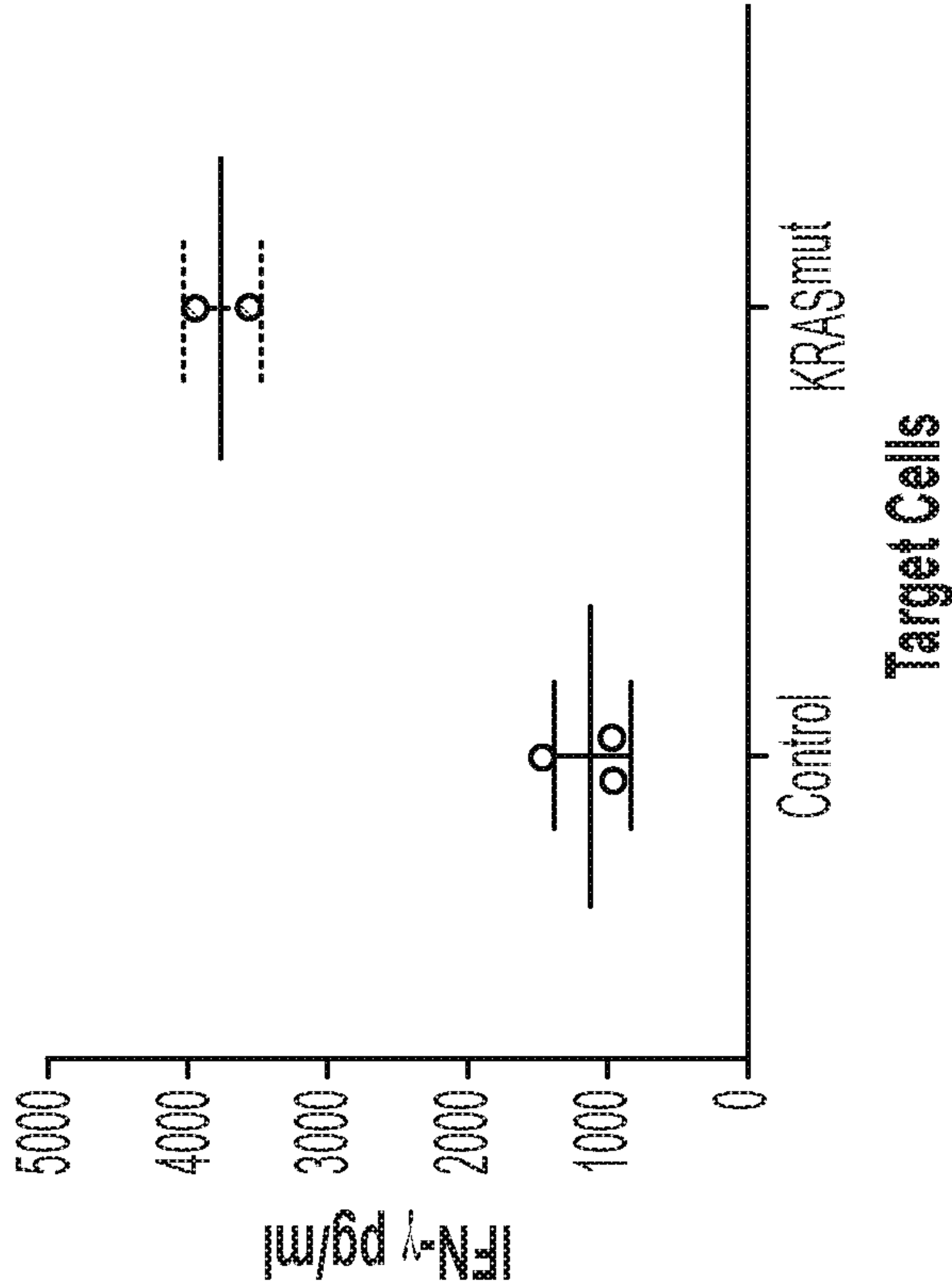


FIG. 4A

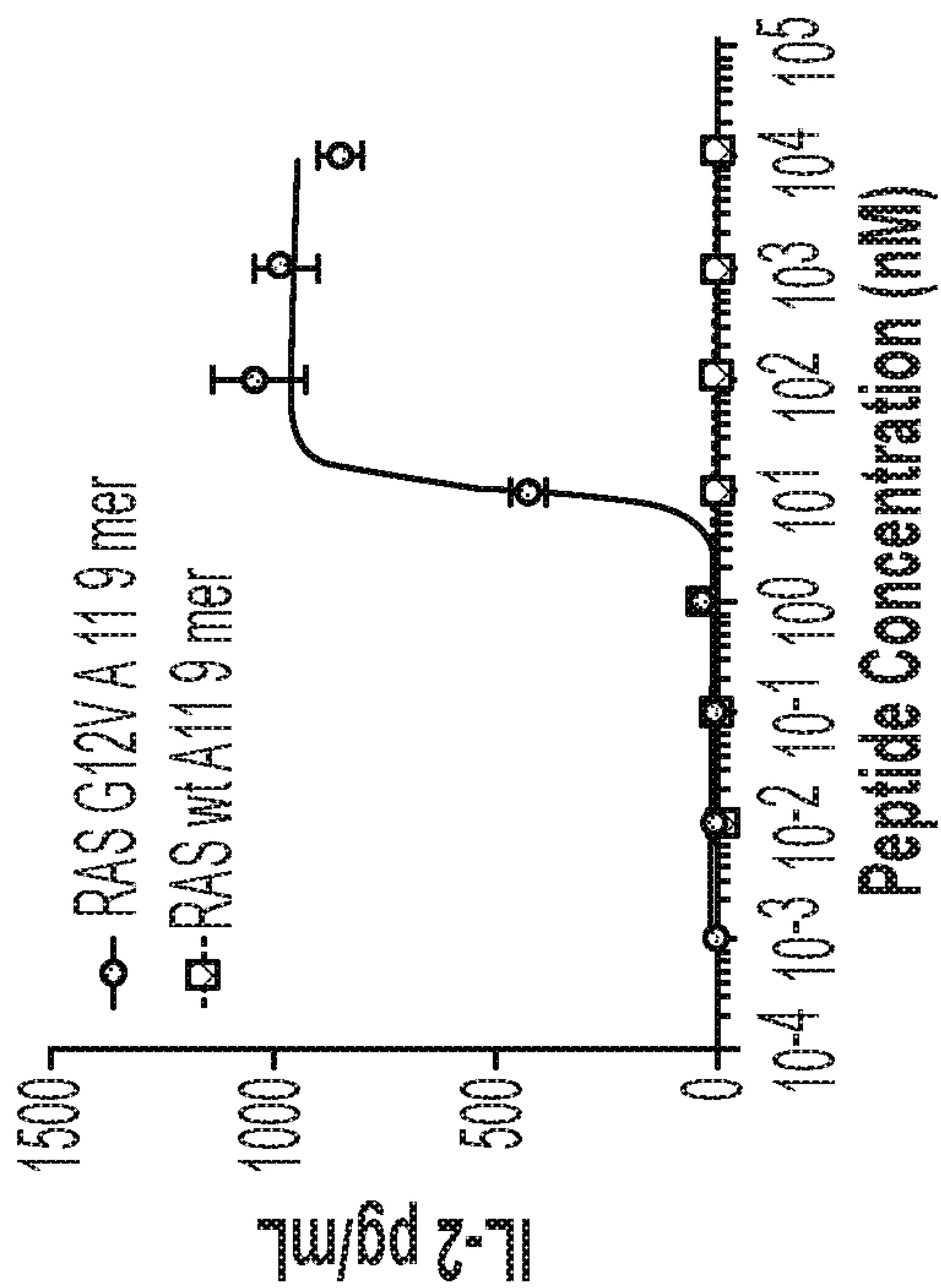


FIG. 5B

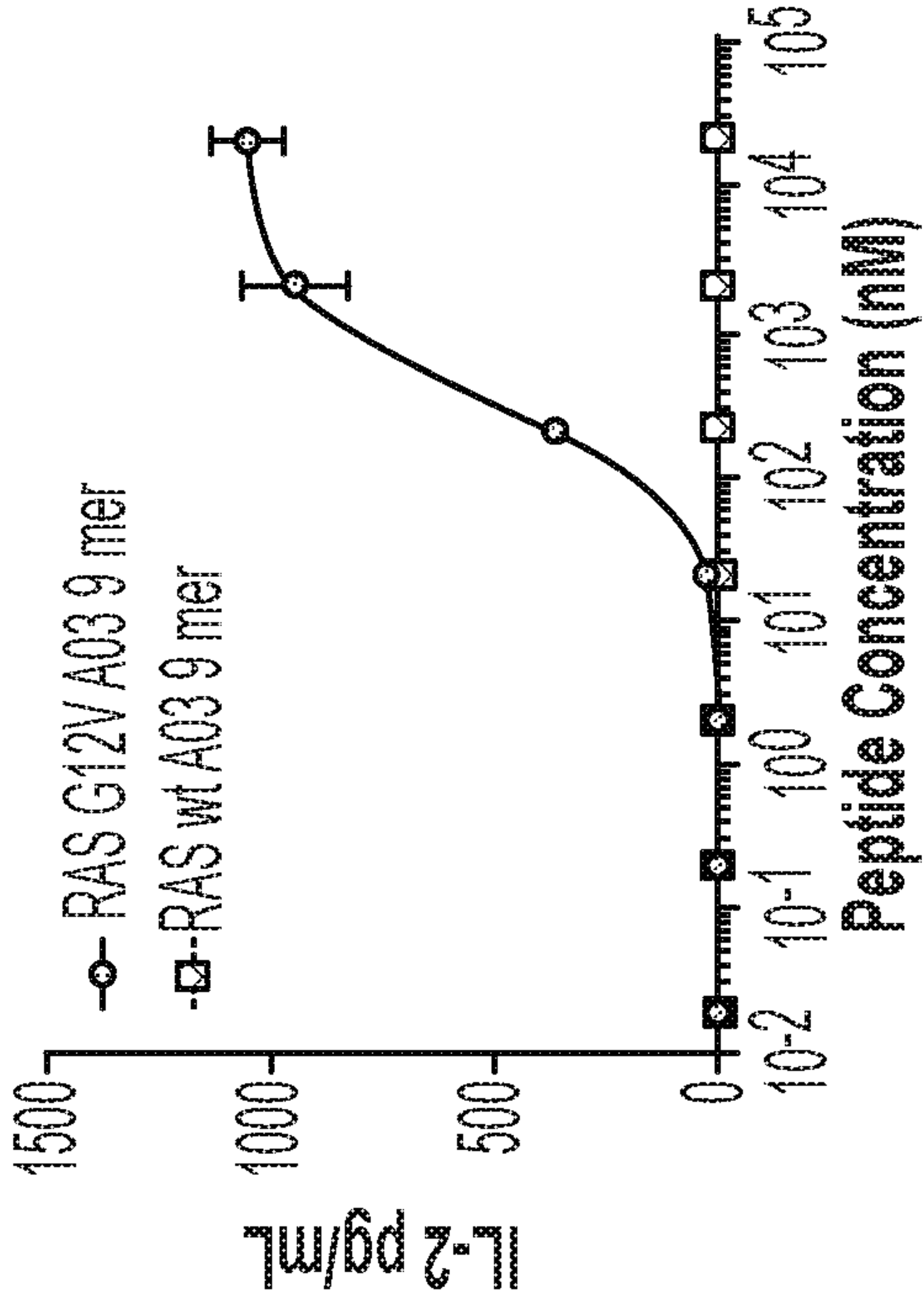


FIG. 5D

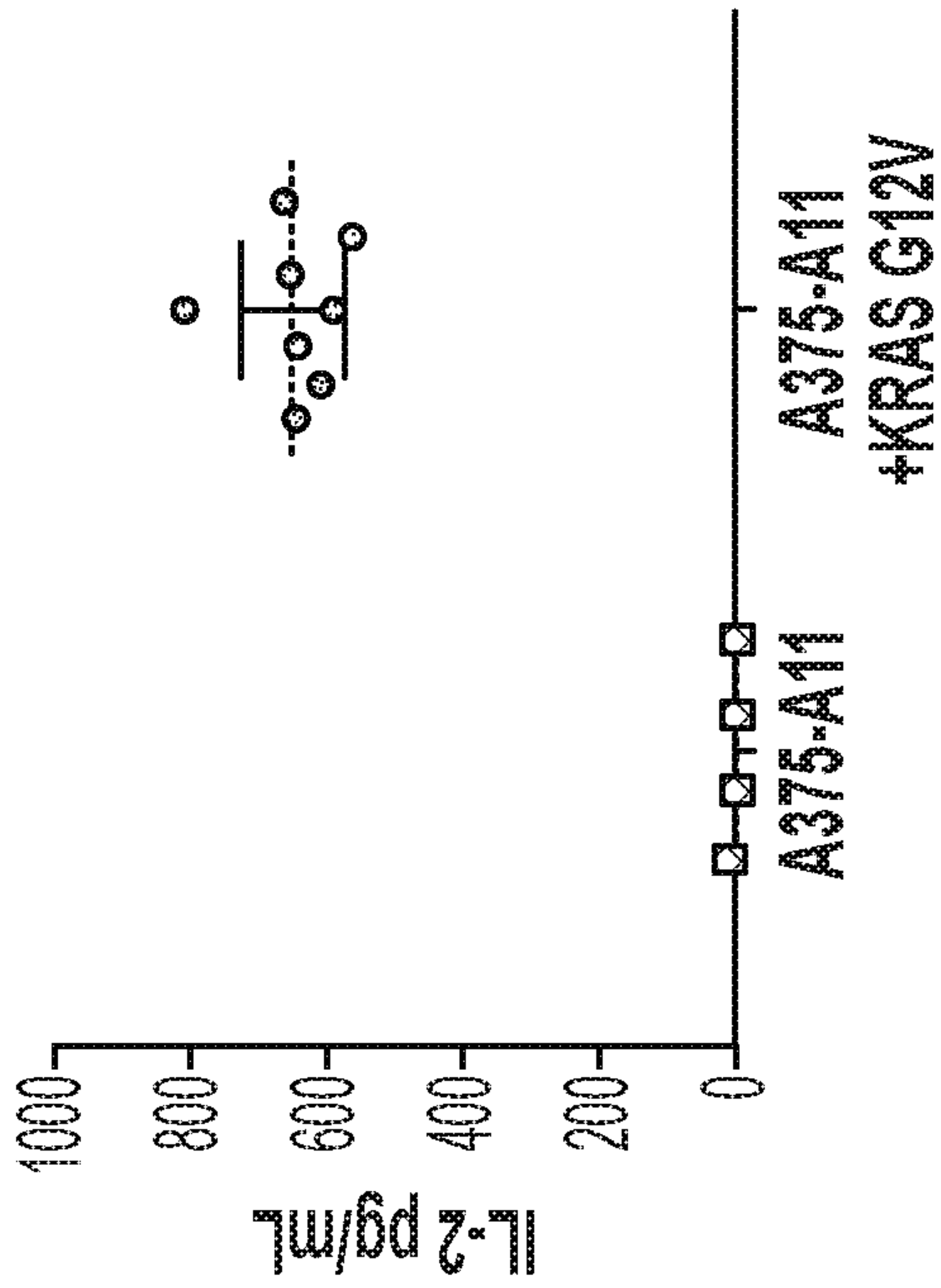


FIG. 5A

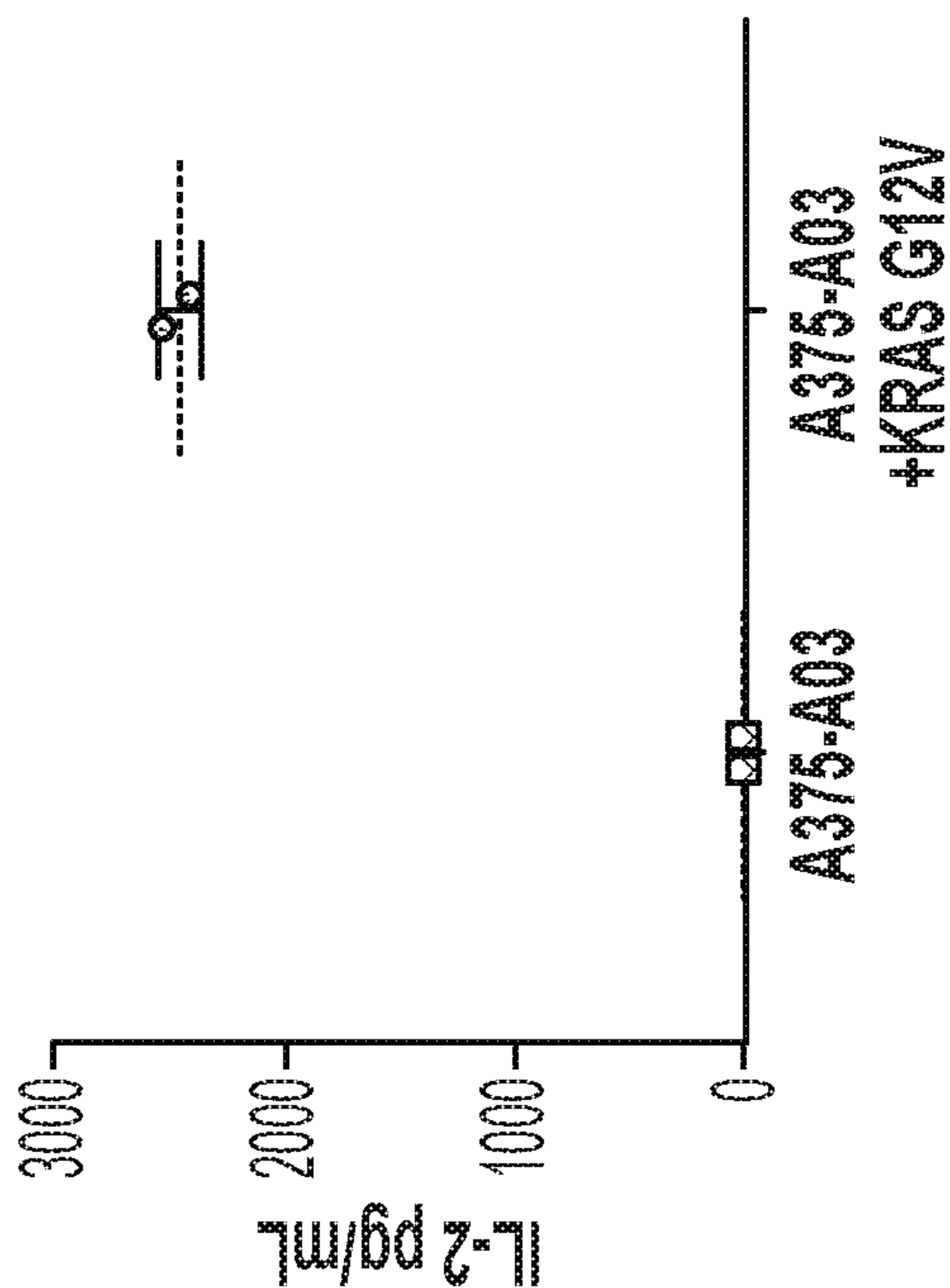


FIG. 5C

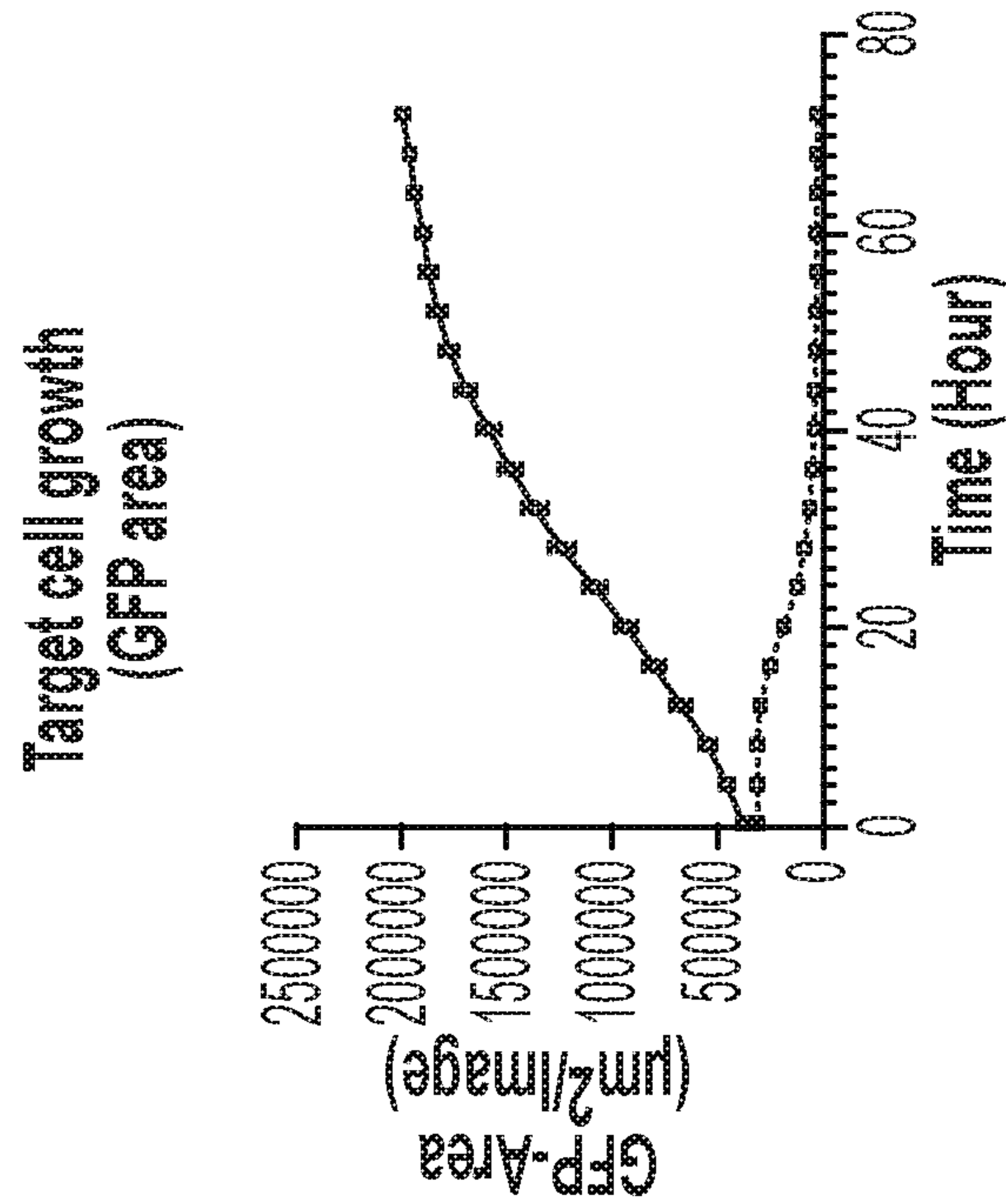


FIG. 5E

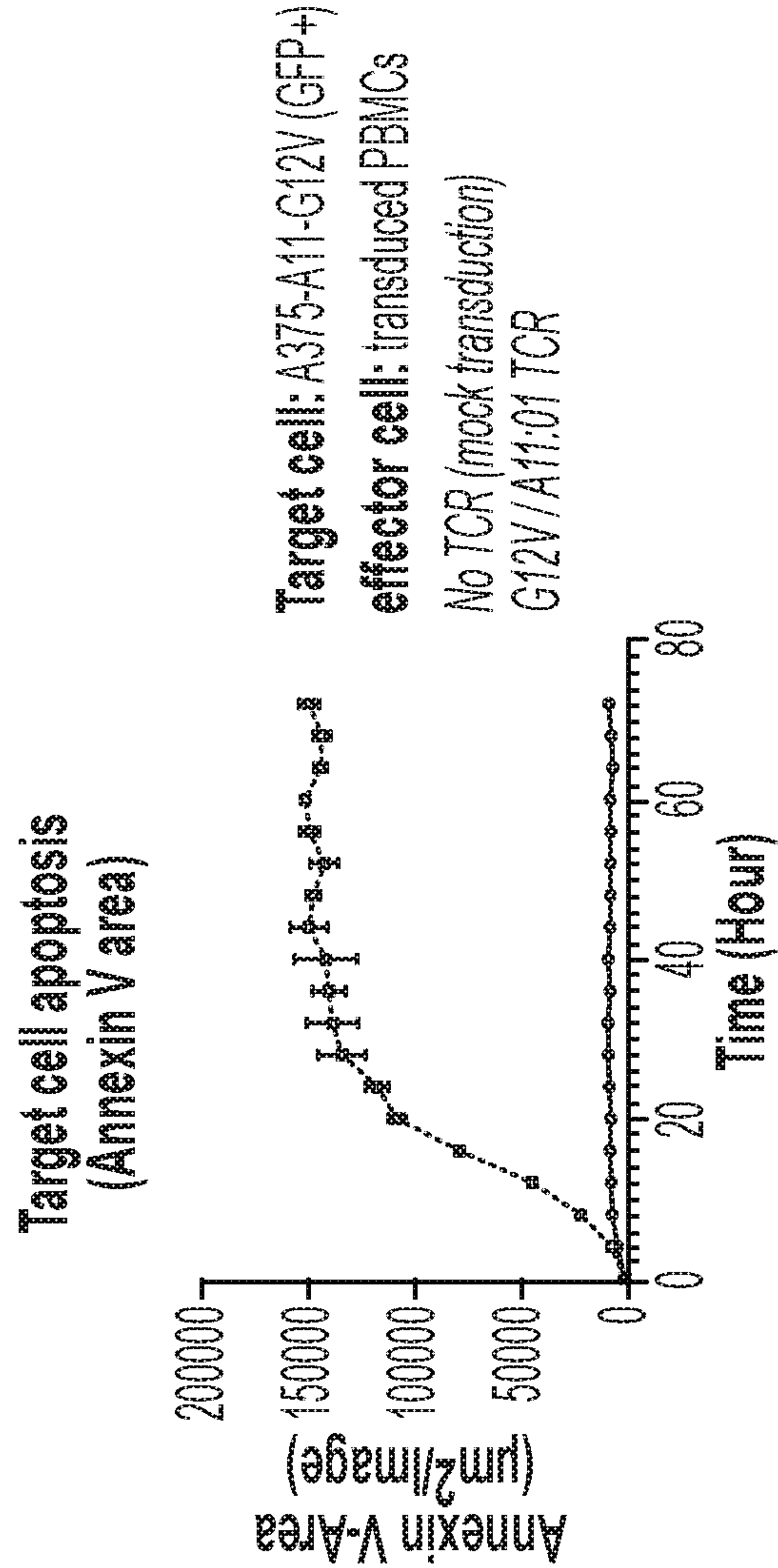


FIG. 5F

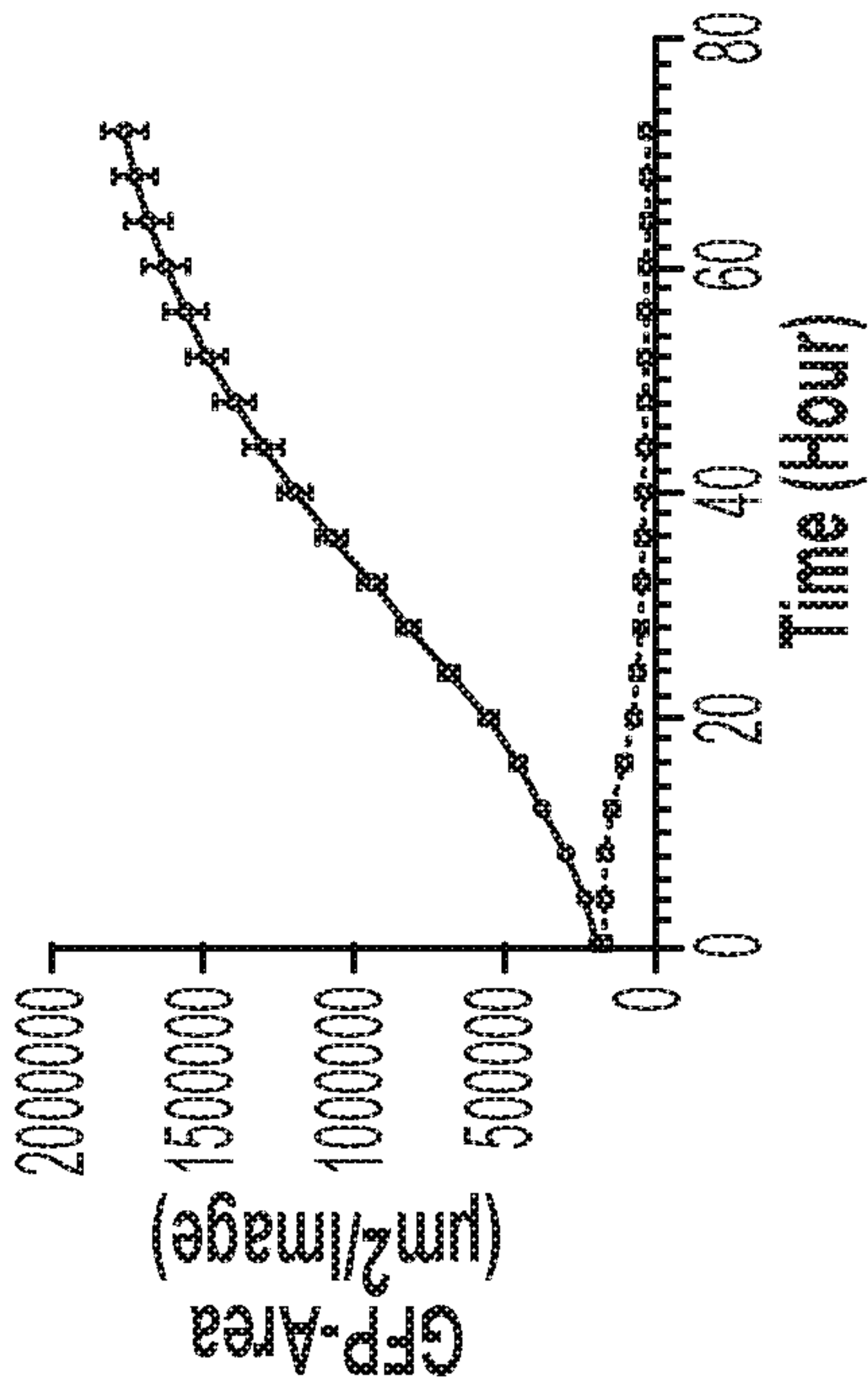


FIG. 5G

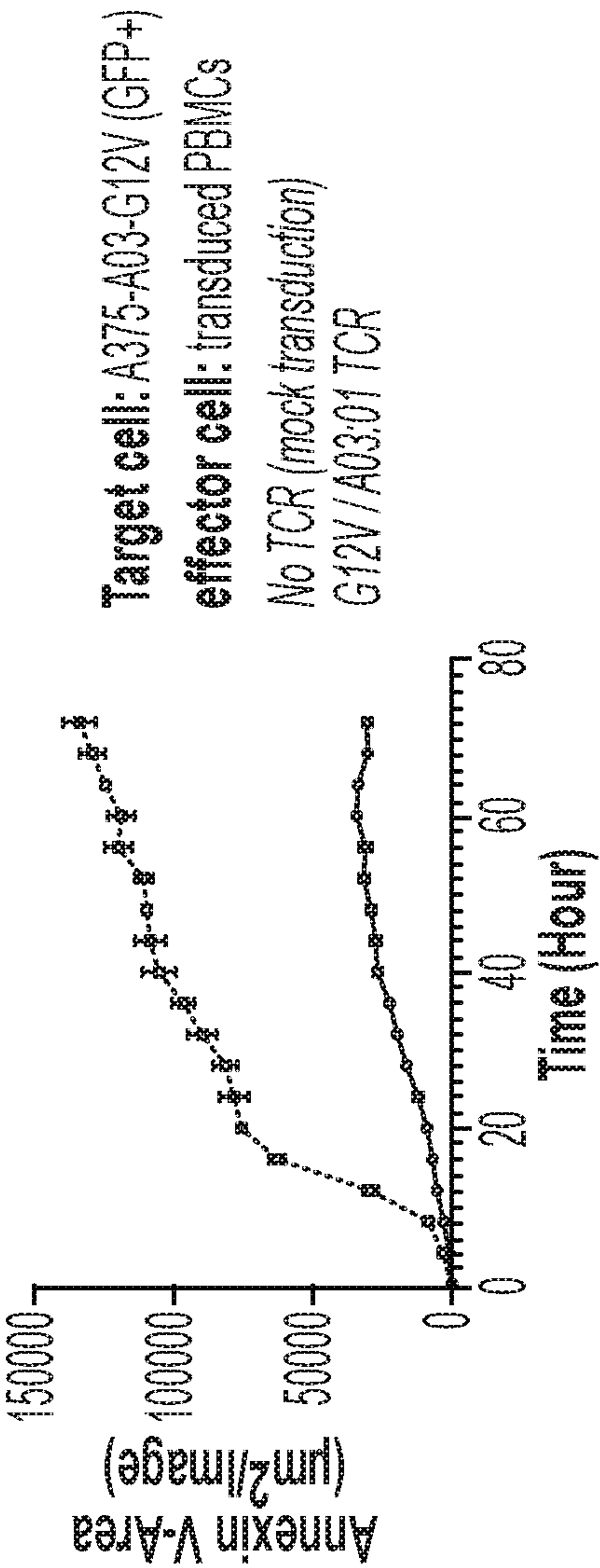


FIG. 5H

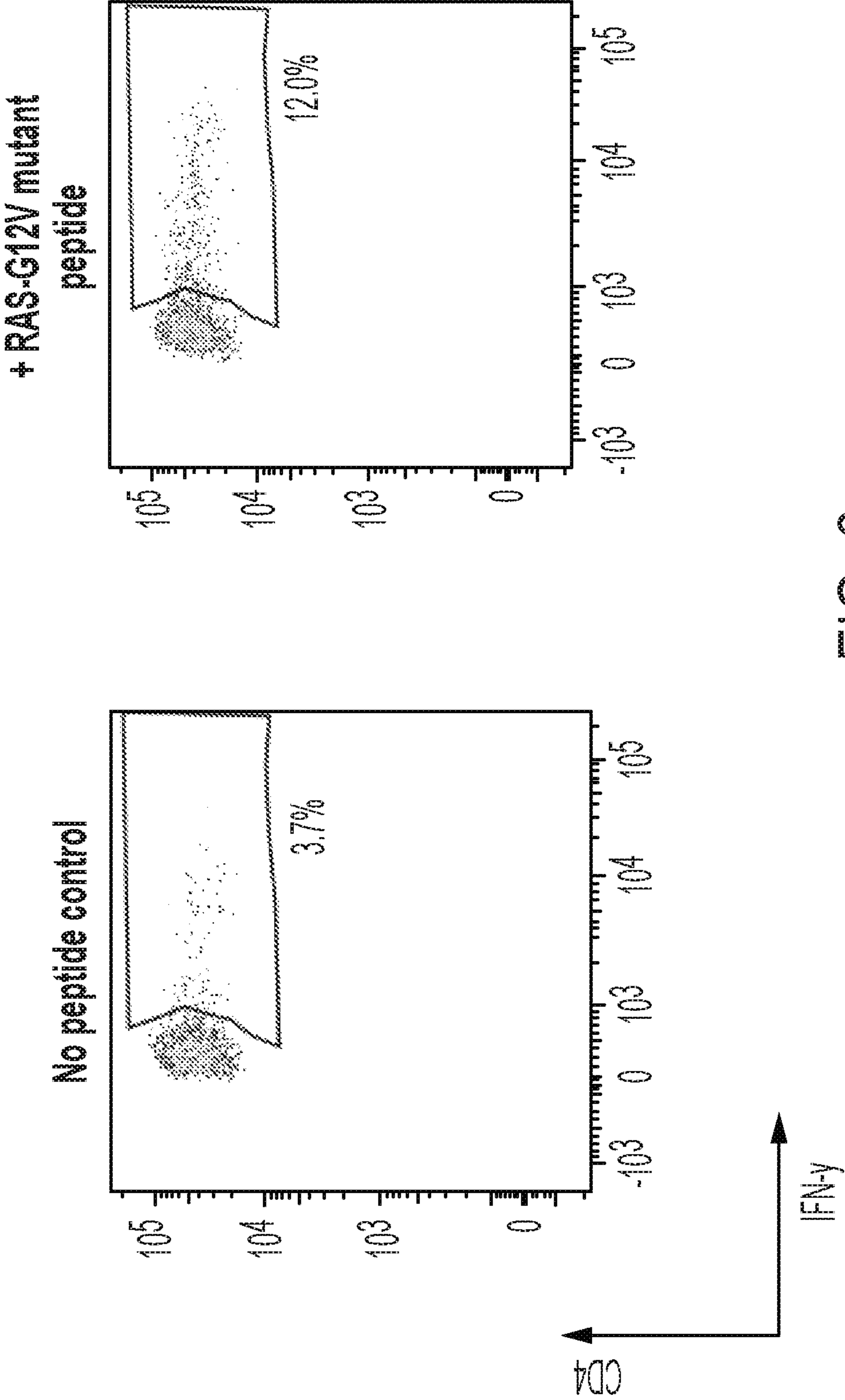


FIG. 6