

FIG. 1

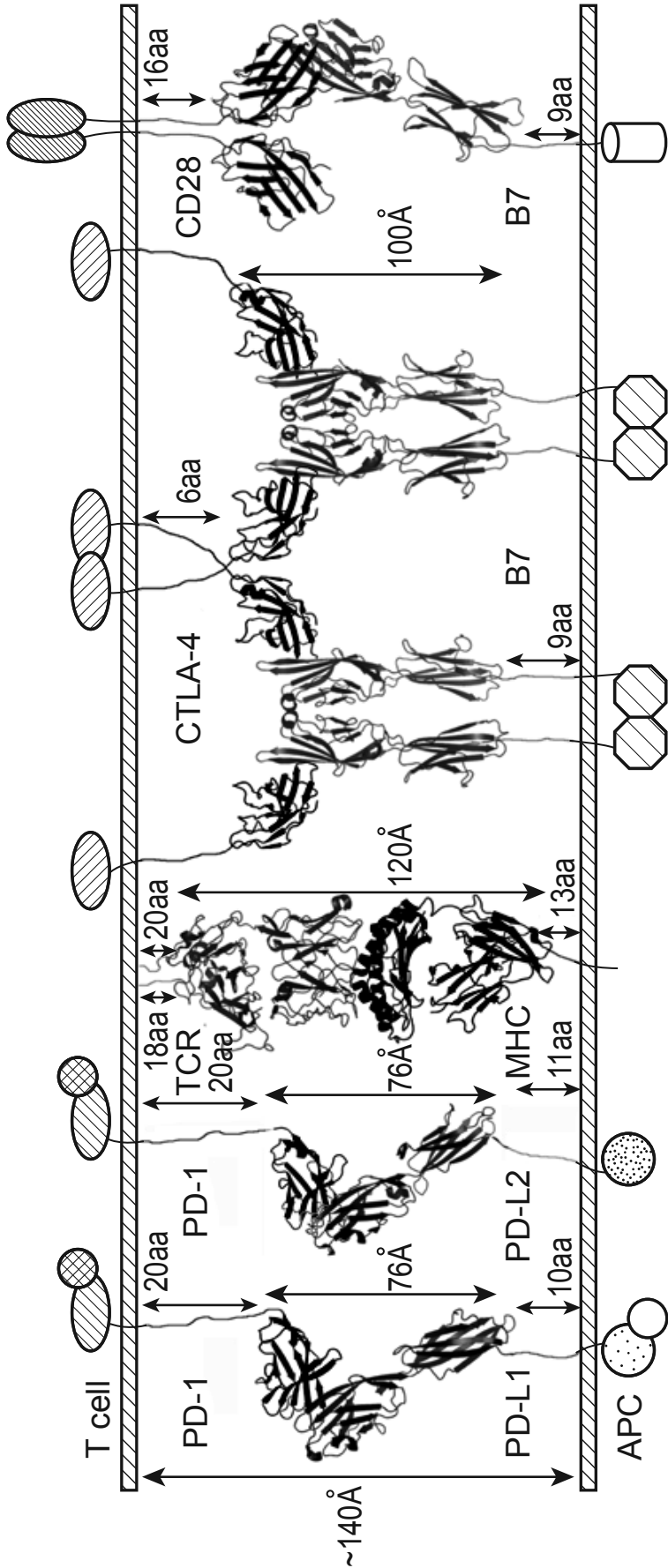


FIG. 2

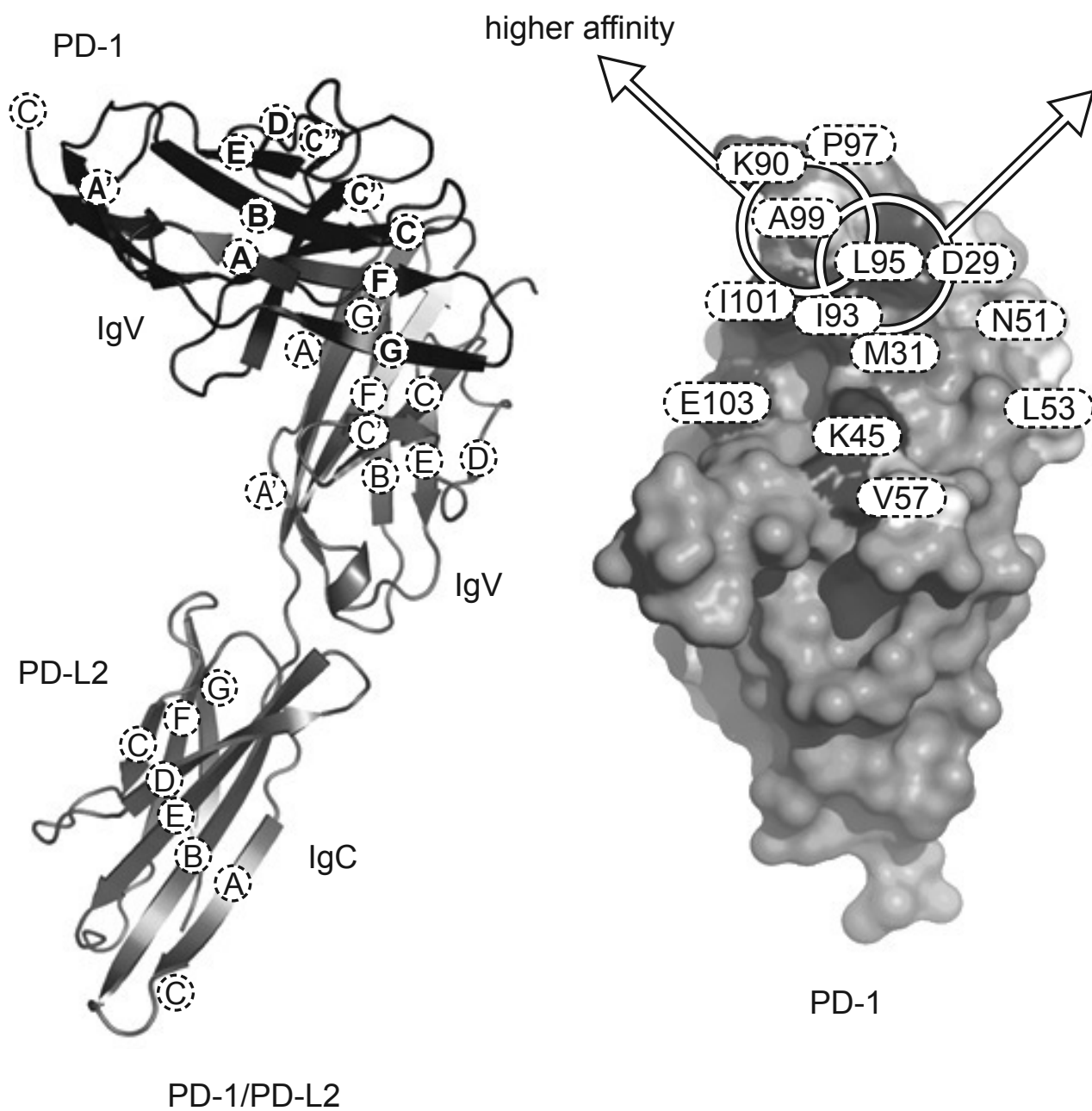


FIG. 3

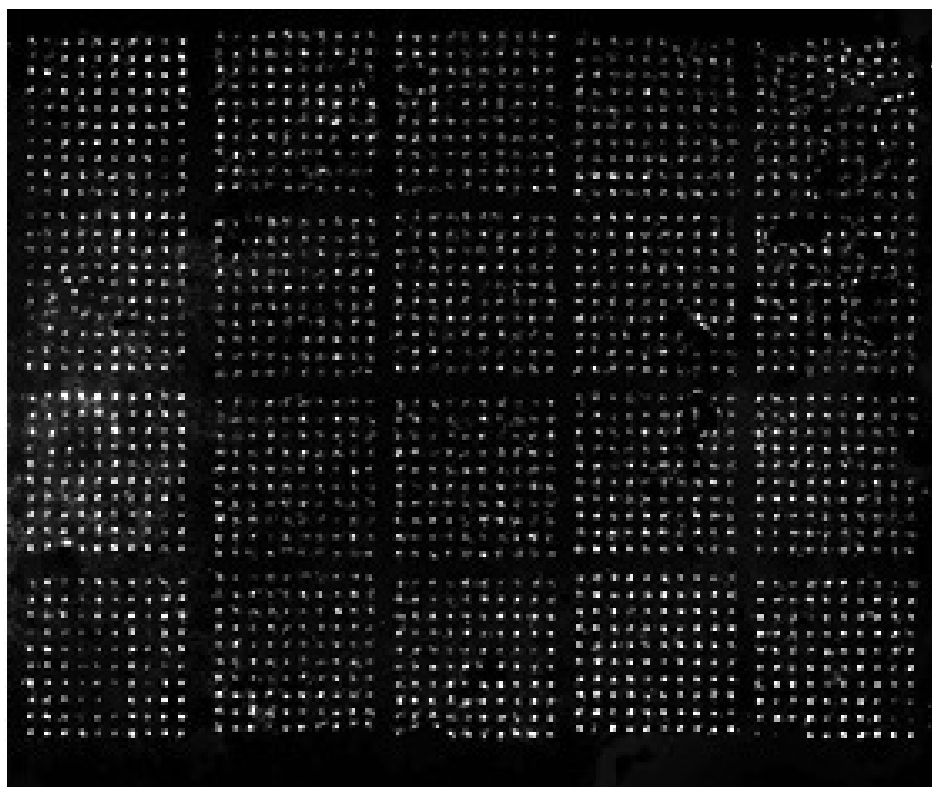
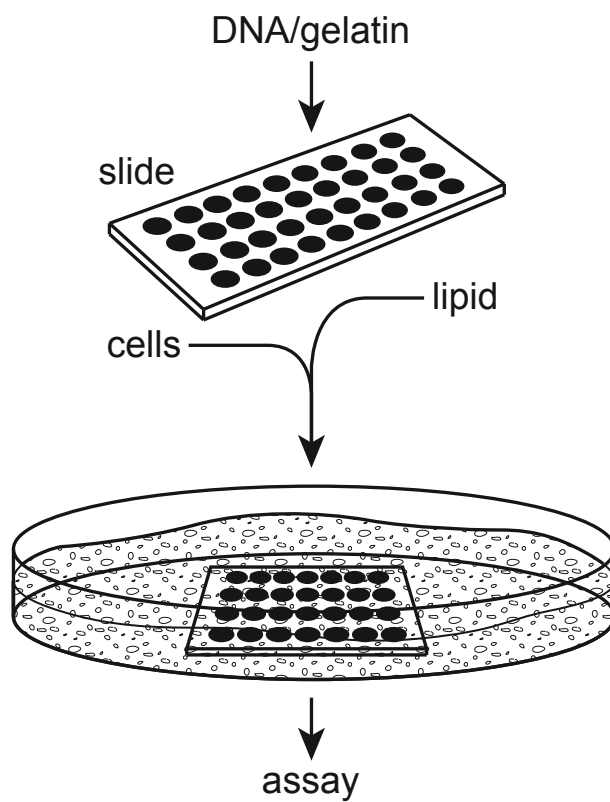


FIG. 4

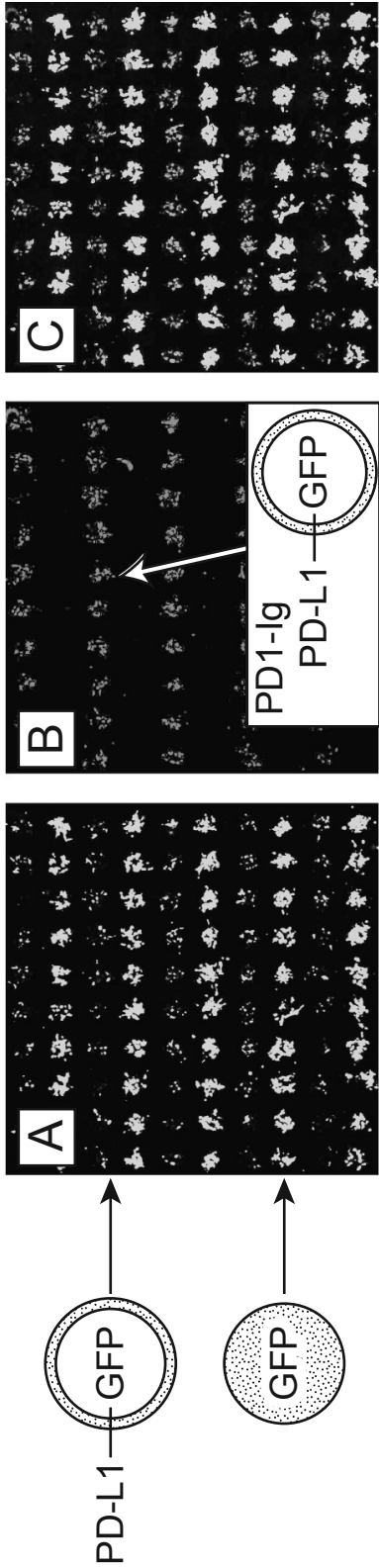


FIG. 5

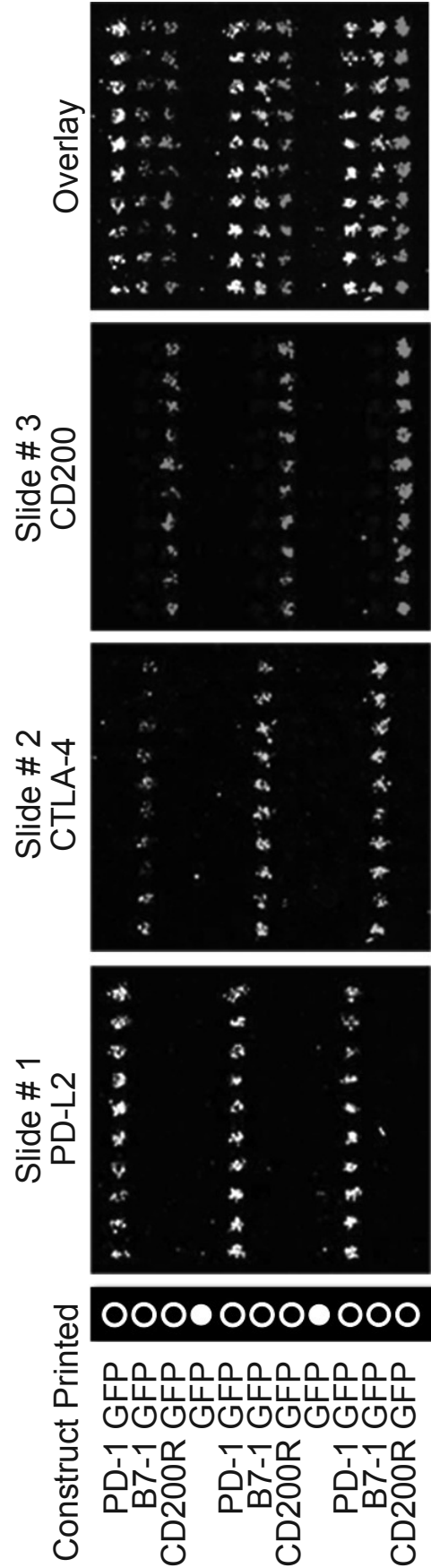


FIG. 6

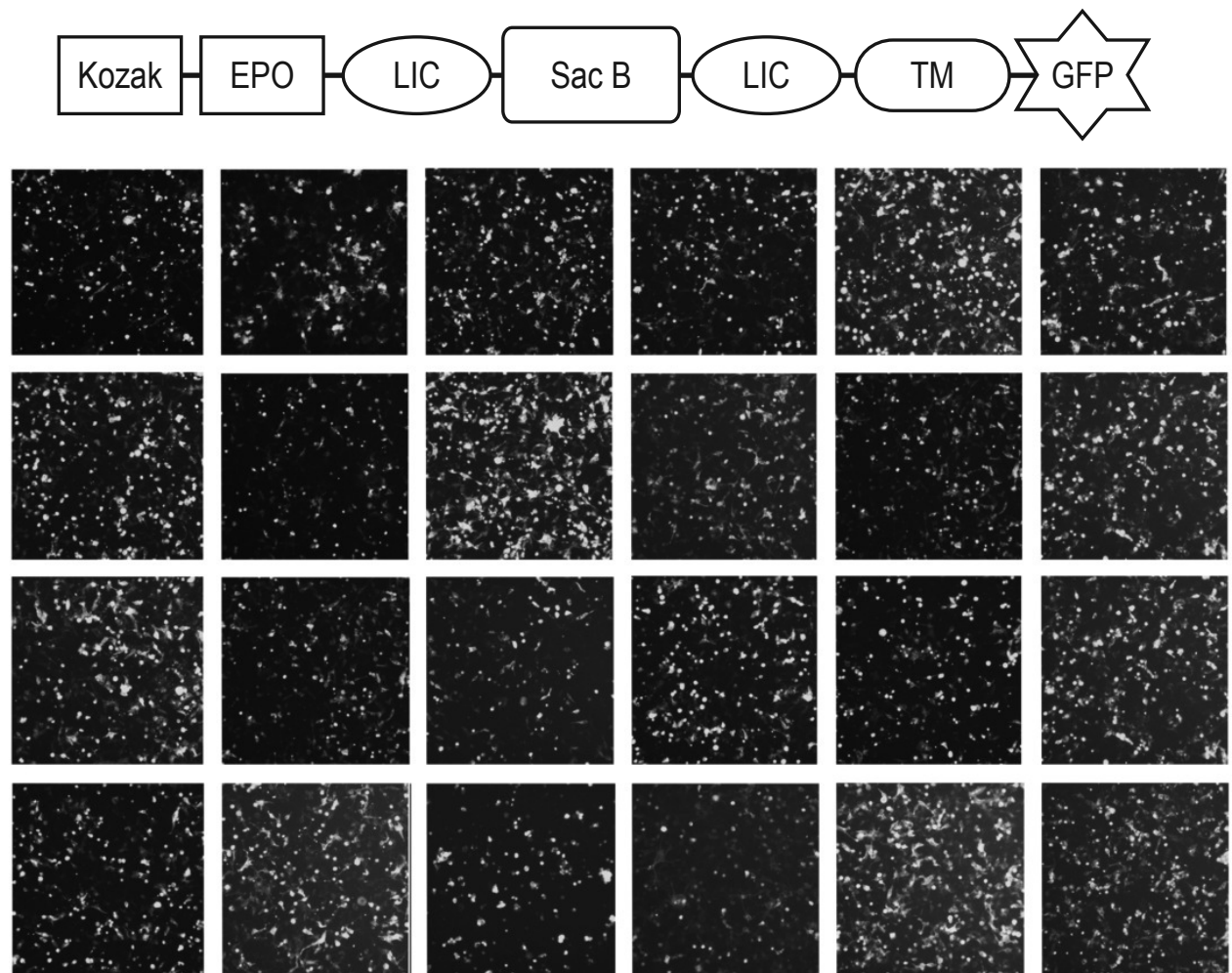
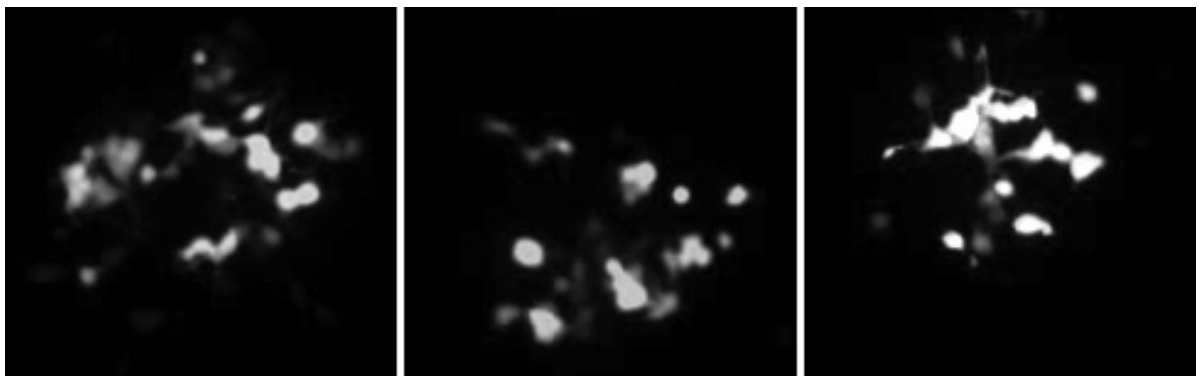


FIG. 7



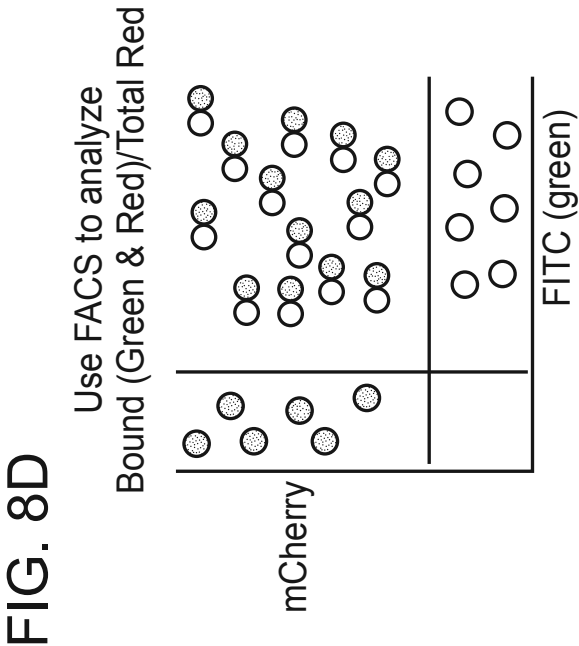
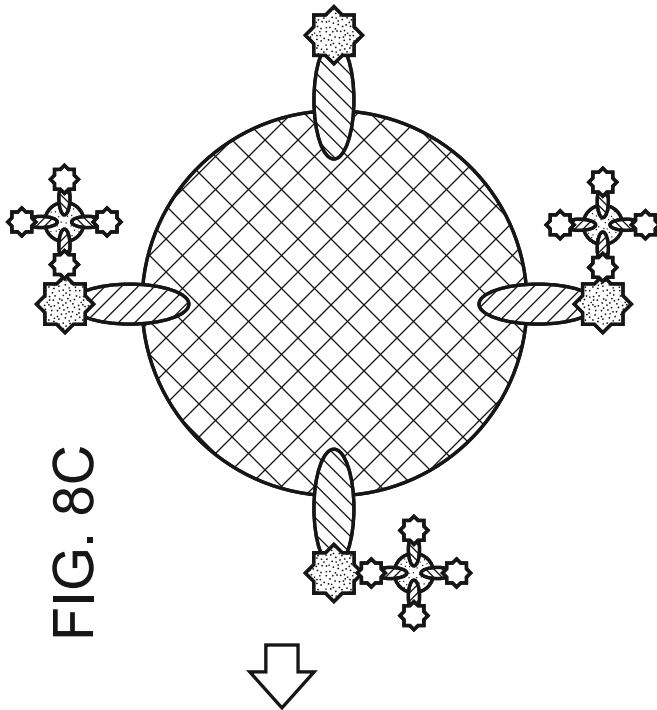
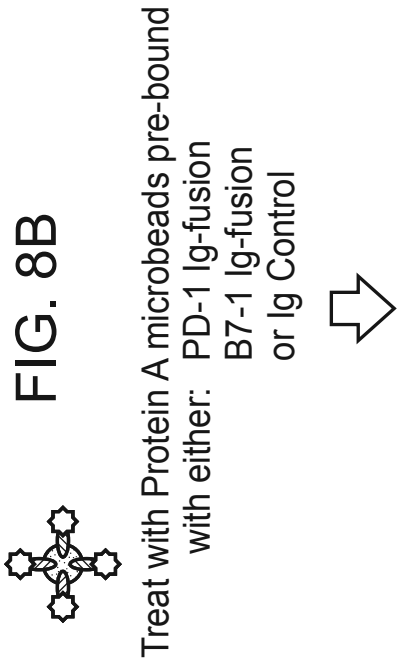
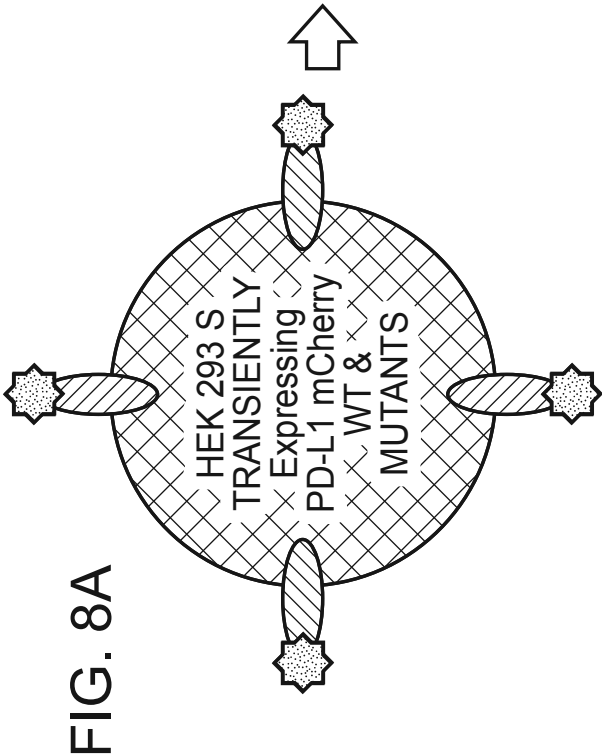


FIG. 9

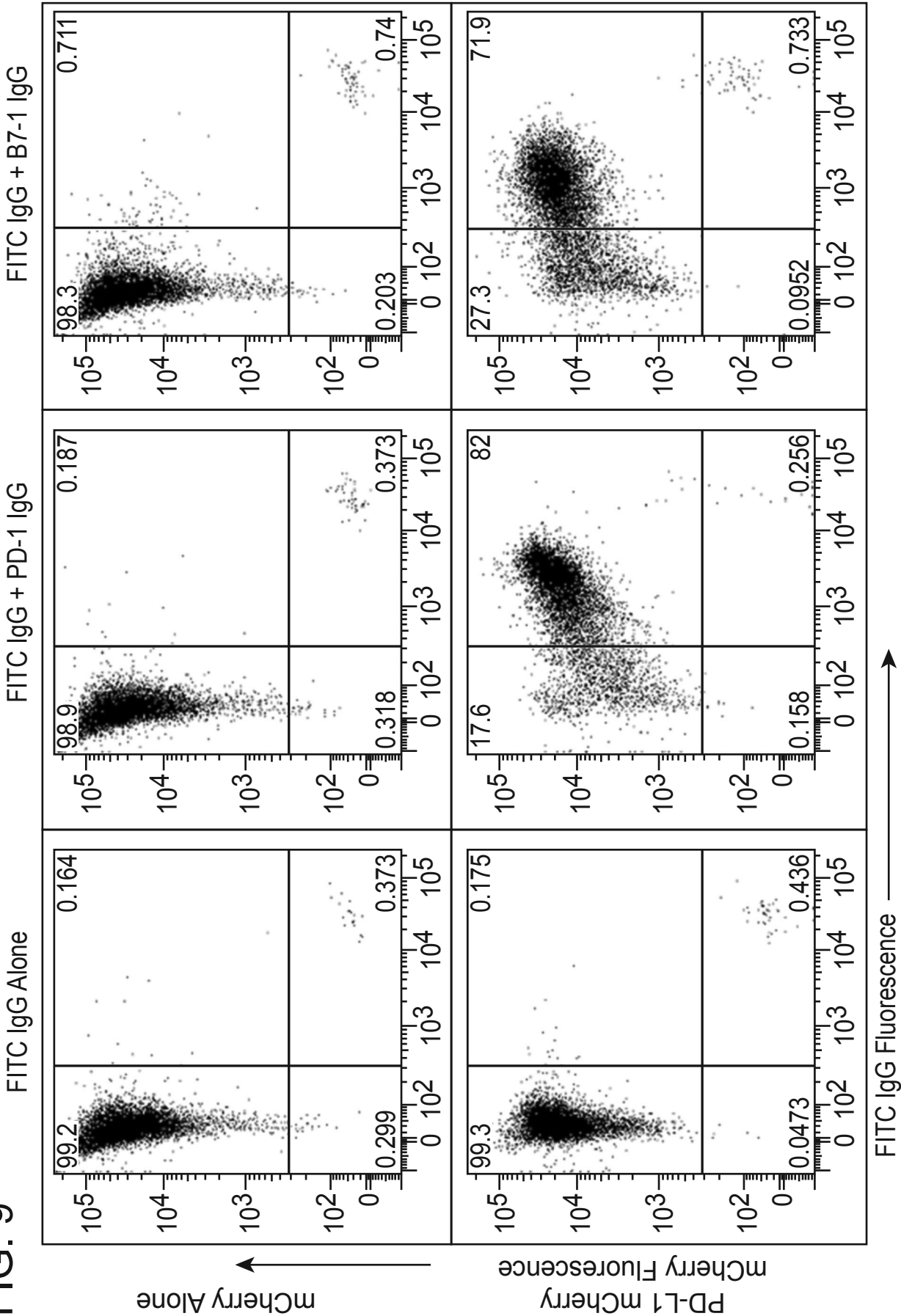


FIG. 10

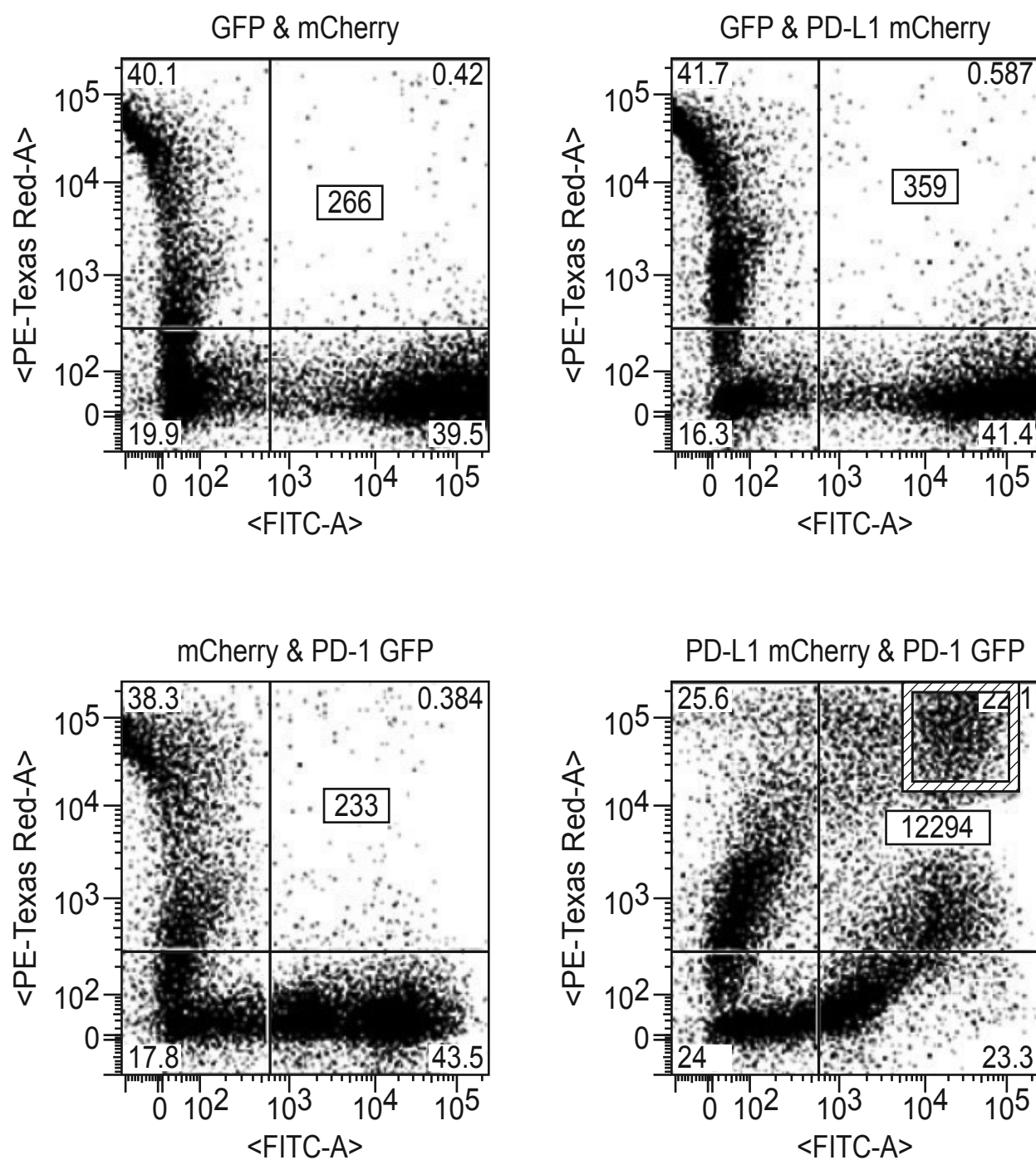
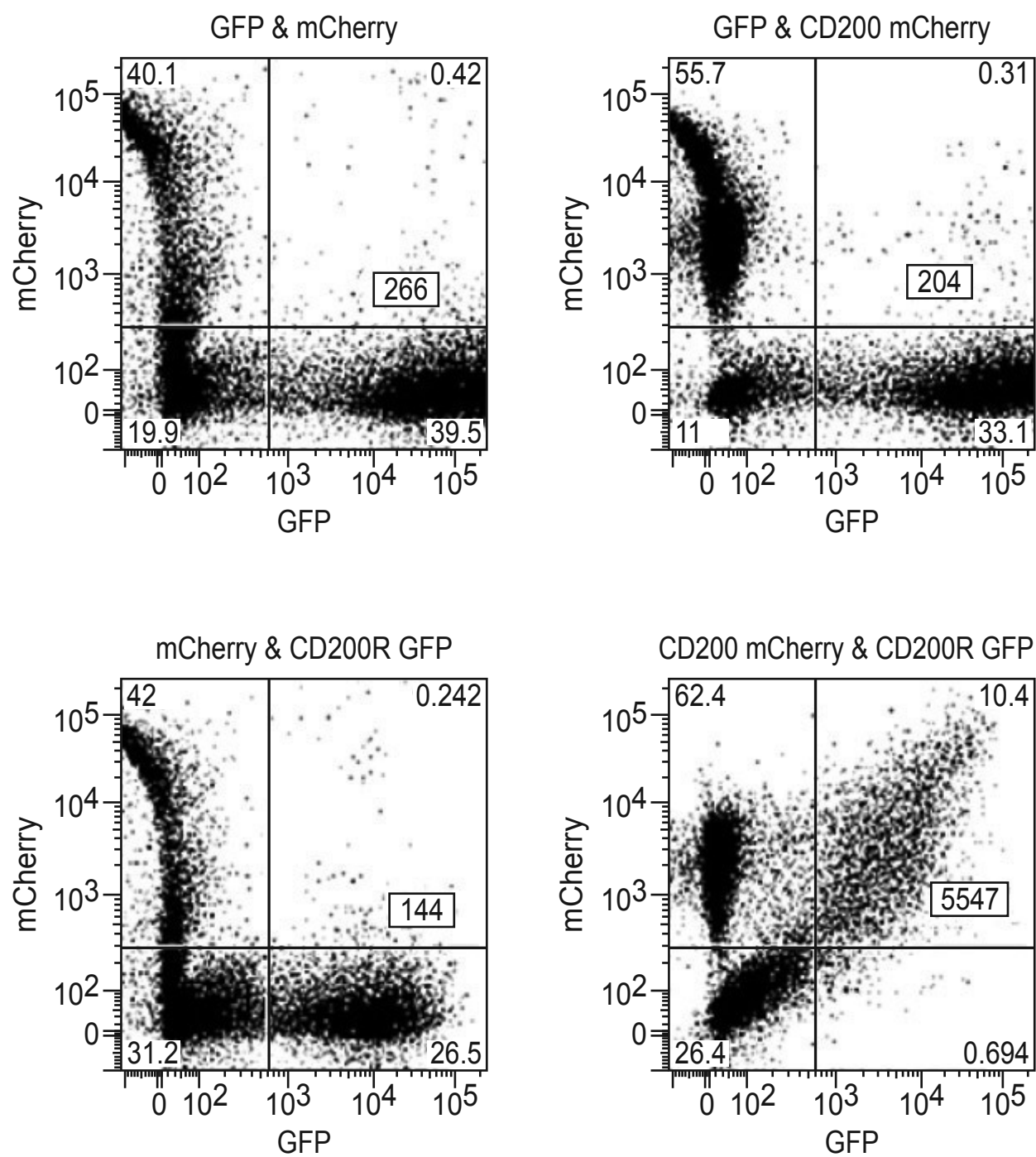


FIG. 11



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FIG. 12A

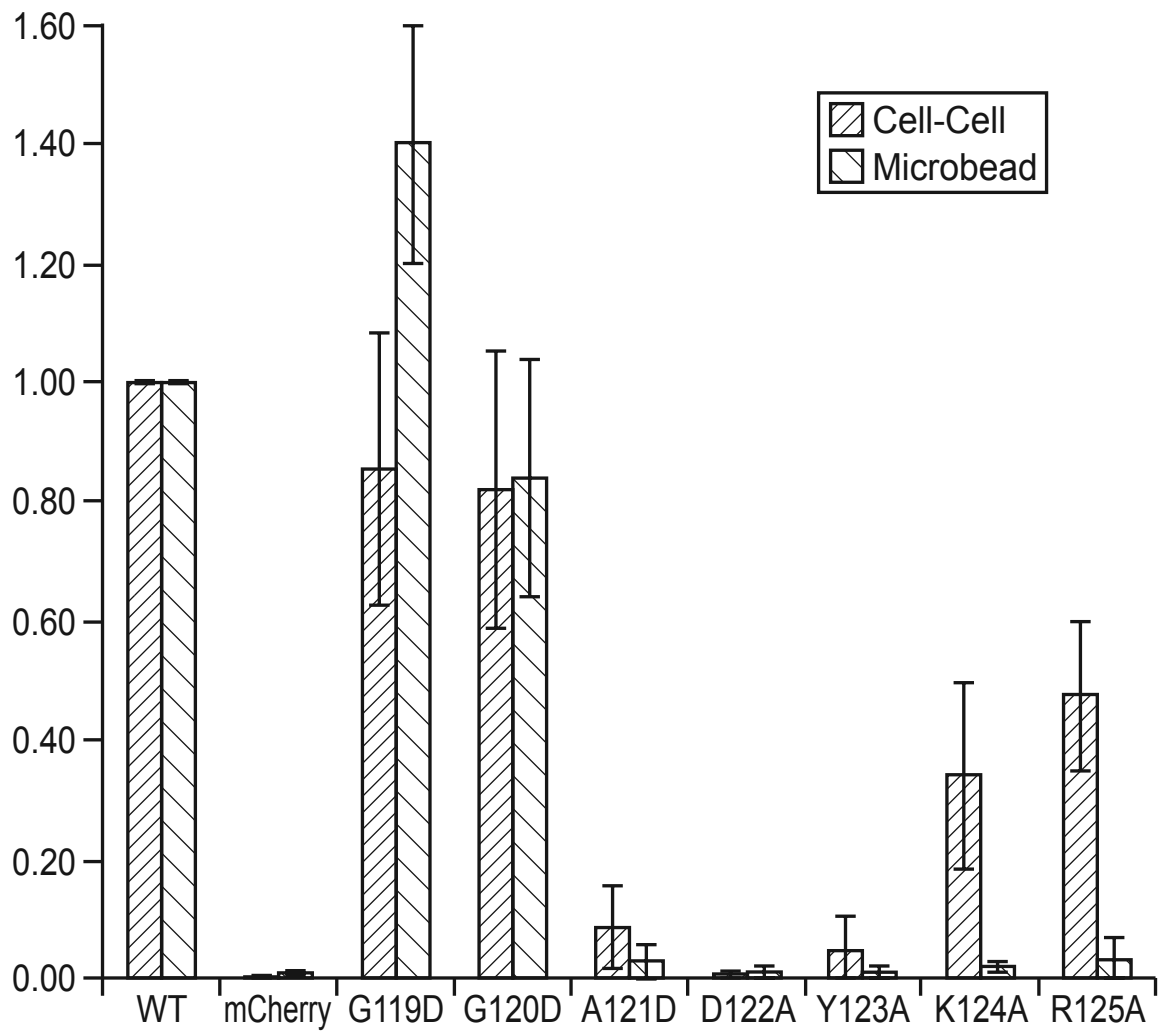


FIG. 12B

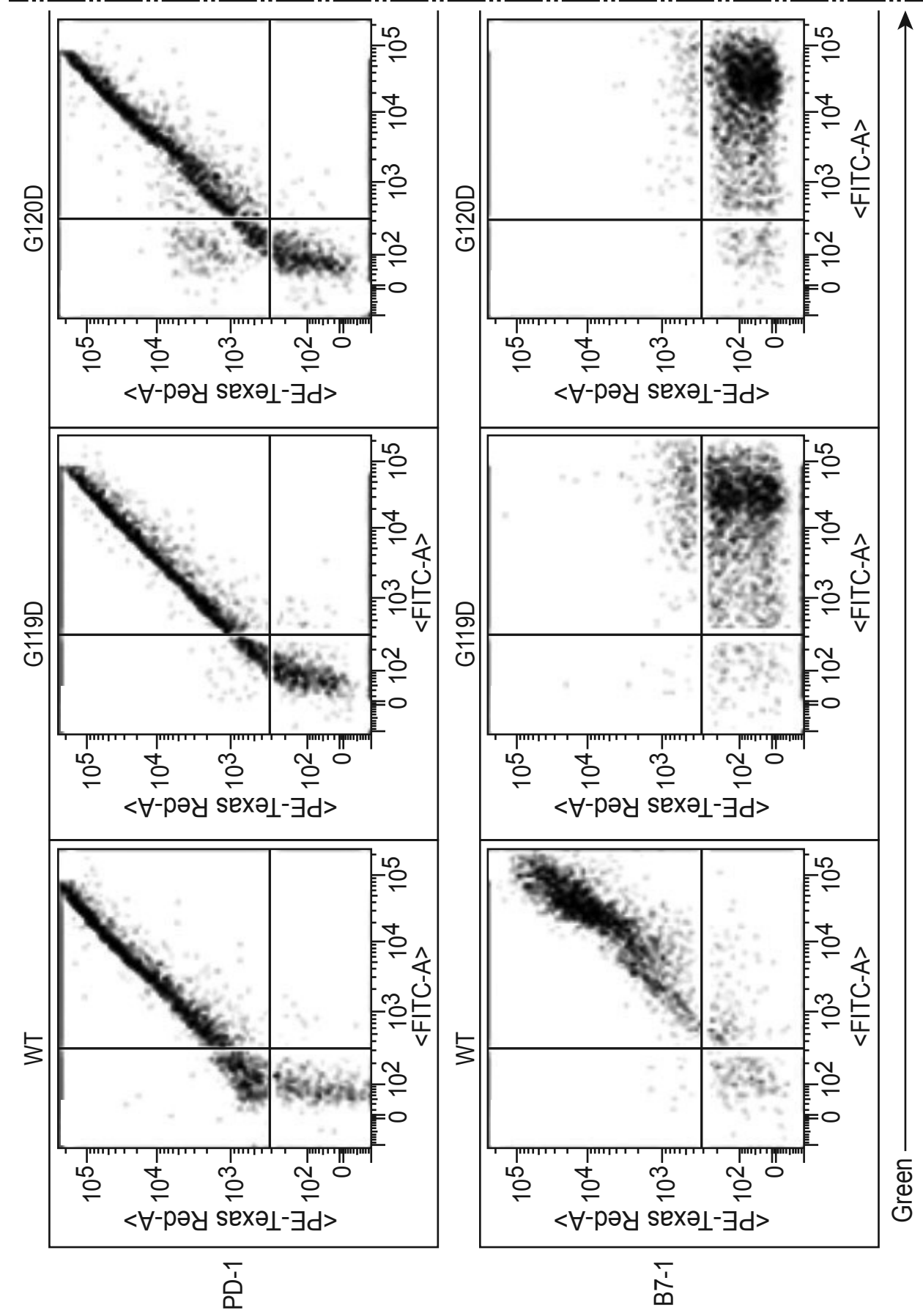


FIG. 12B (Cont.)

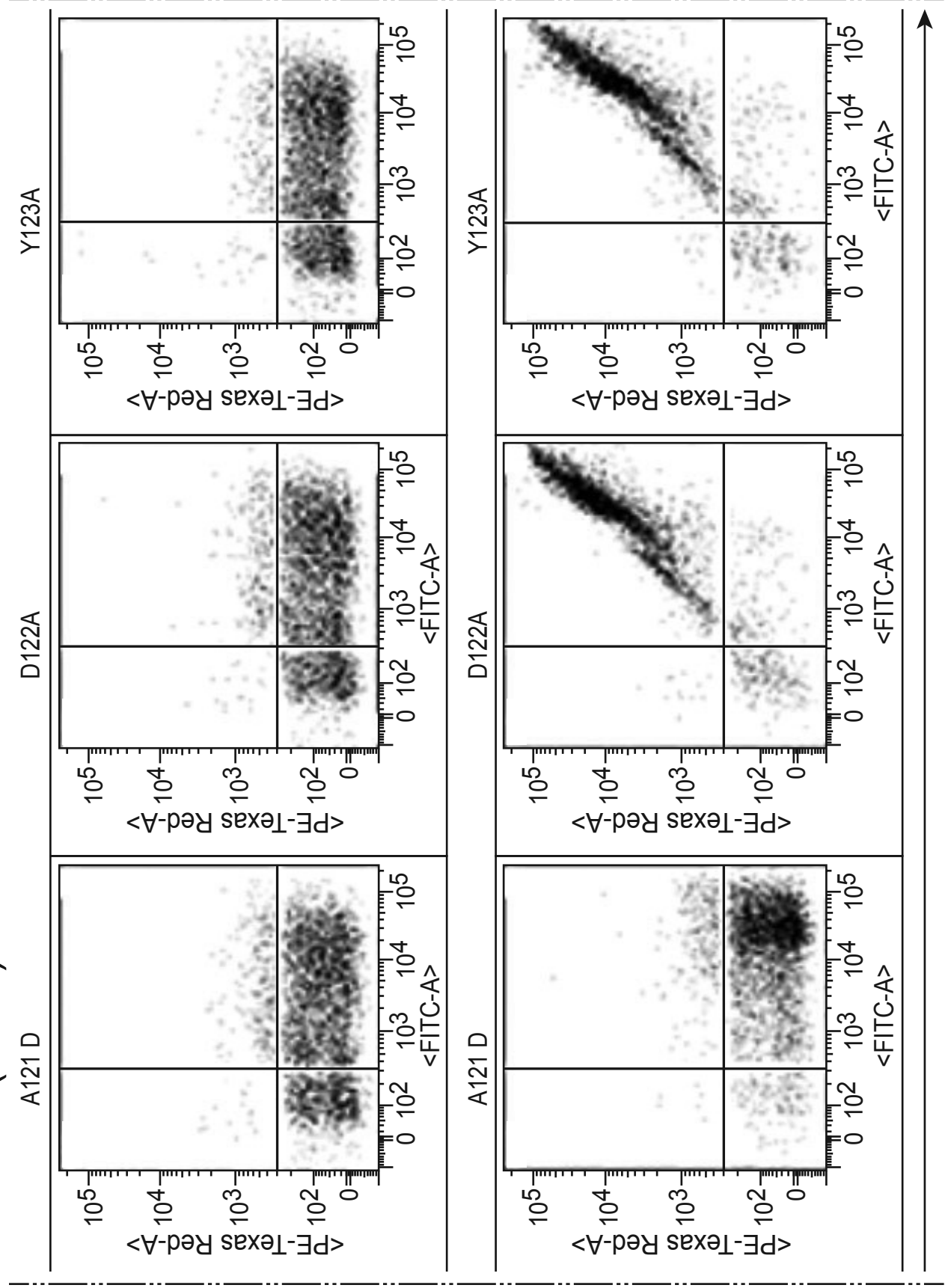


FIG. 12B (Cont.)

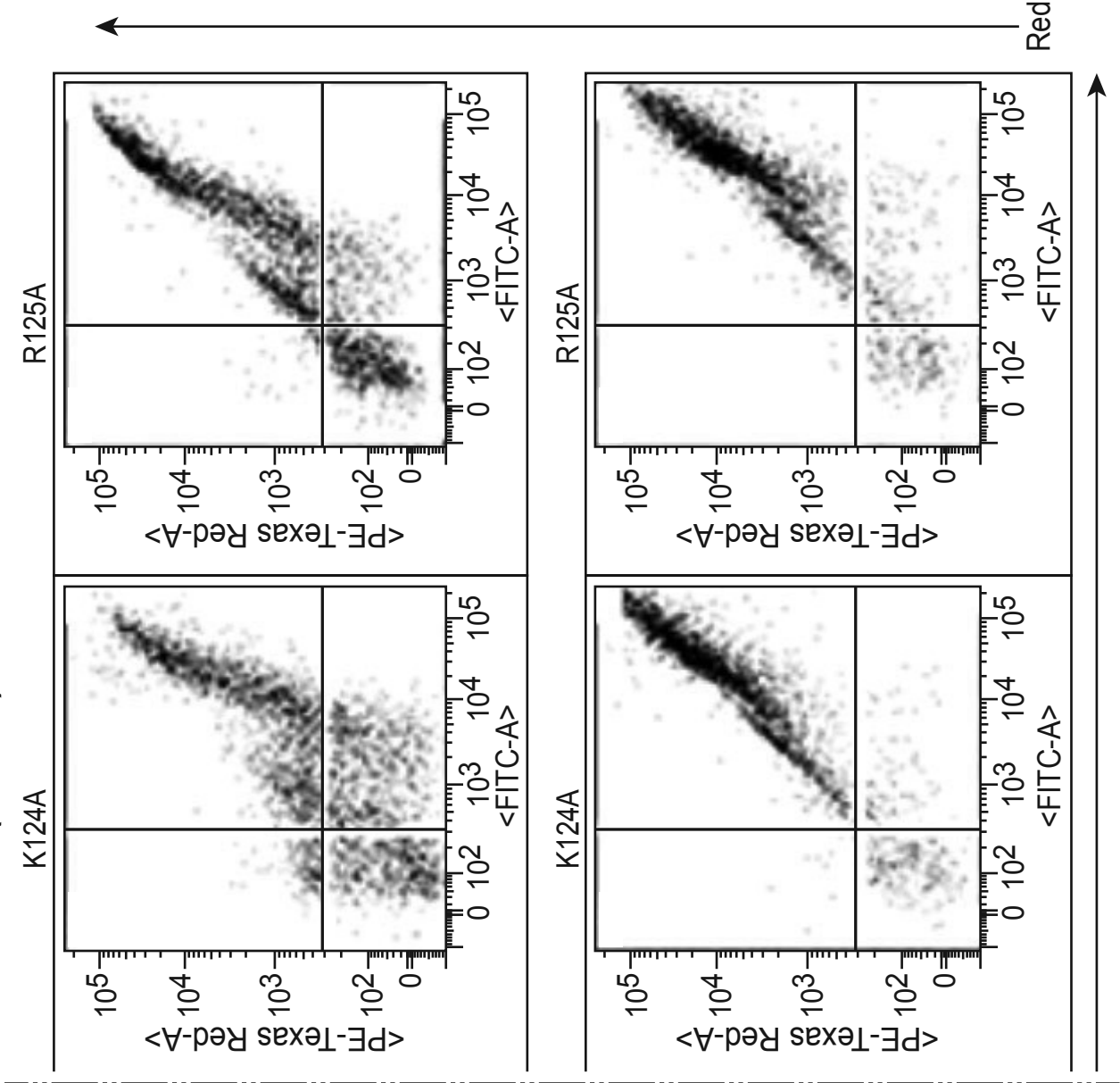


FIG. 13A

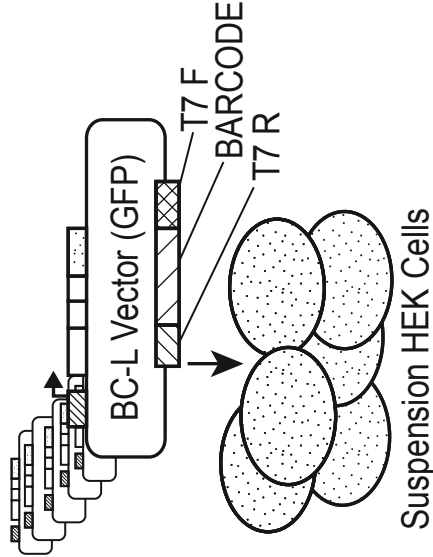


FIG. 13B

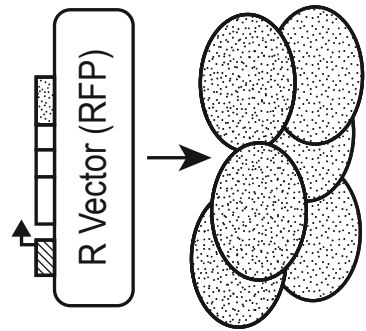


FIG. 13C

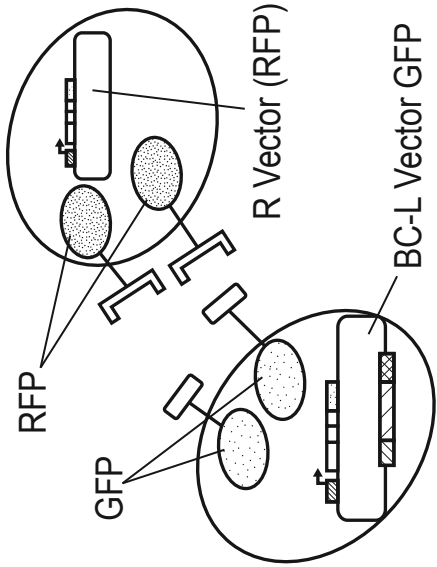


FIG. 13D

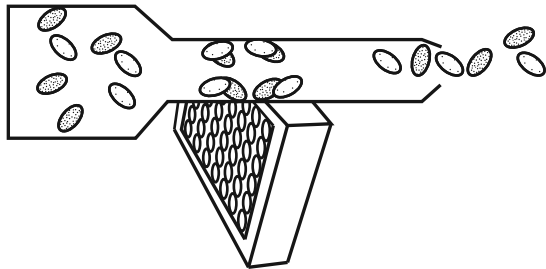


FIG. 13E

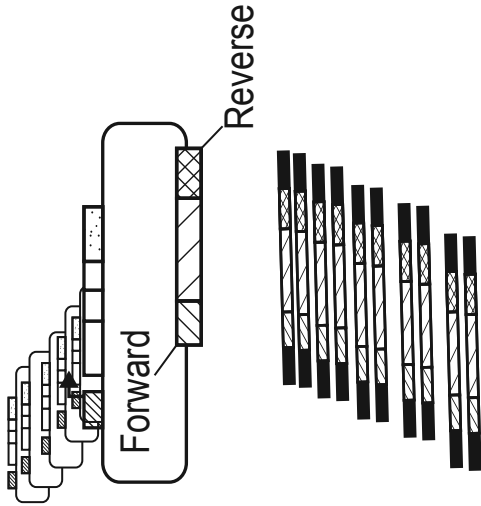


FIG. 13F

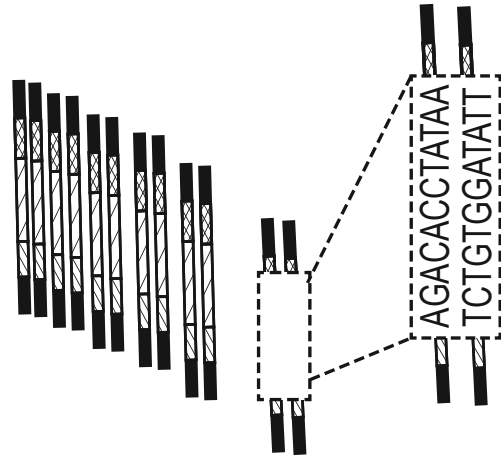


FIG. 14A

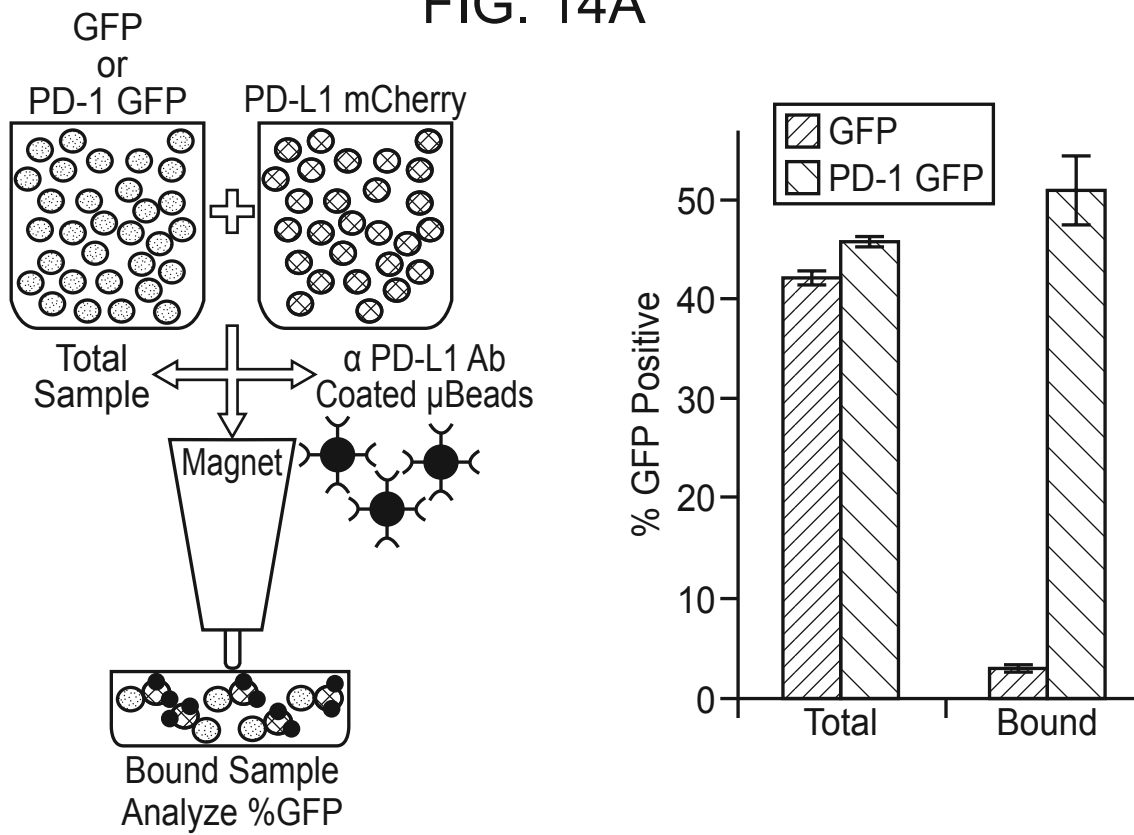


FIG. 14B

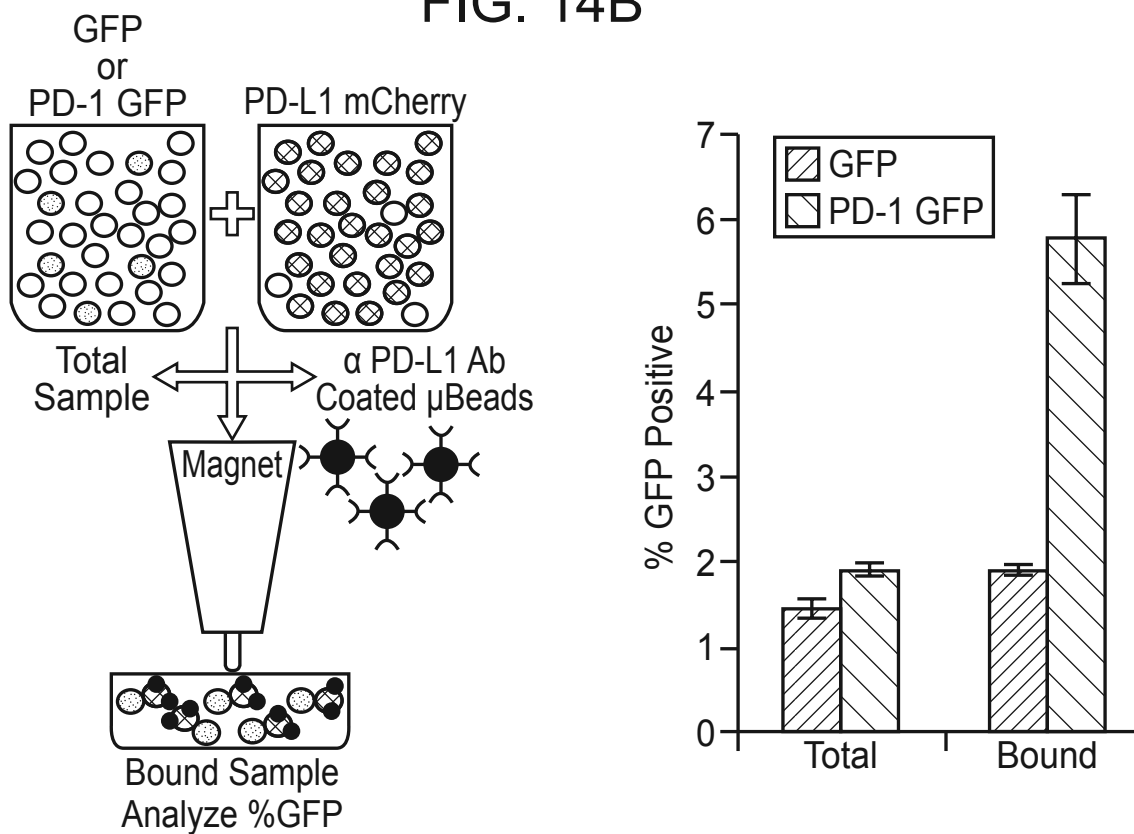


FIG. 15A

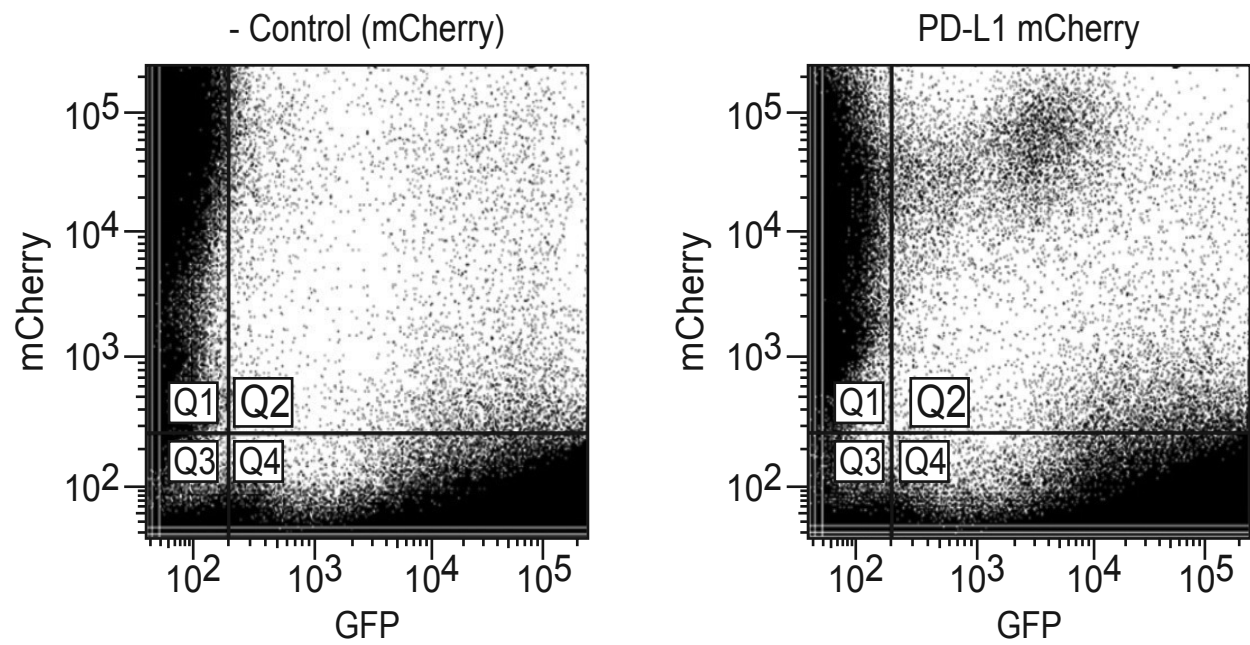


FIG. 15B

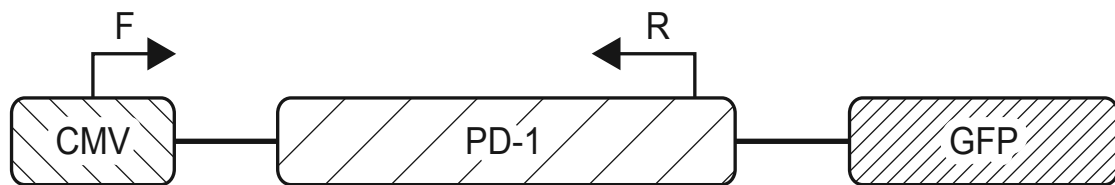


FIG. 15C

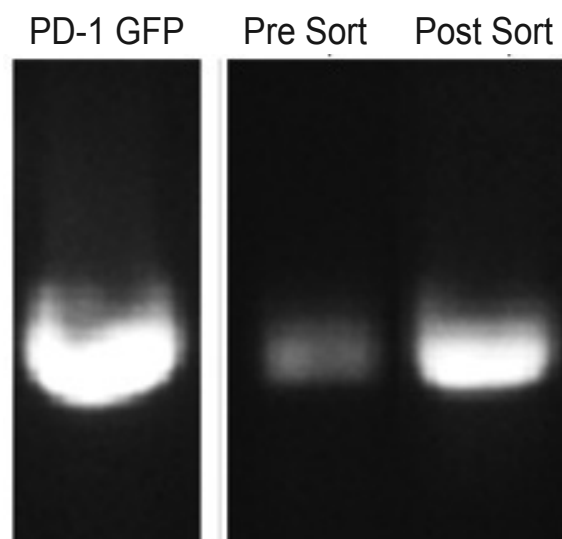


FIG. 16

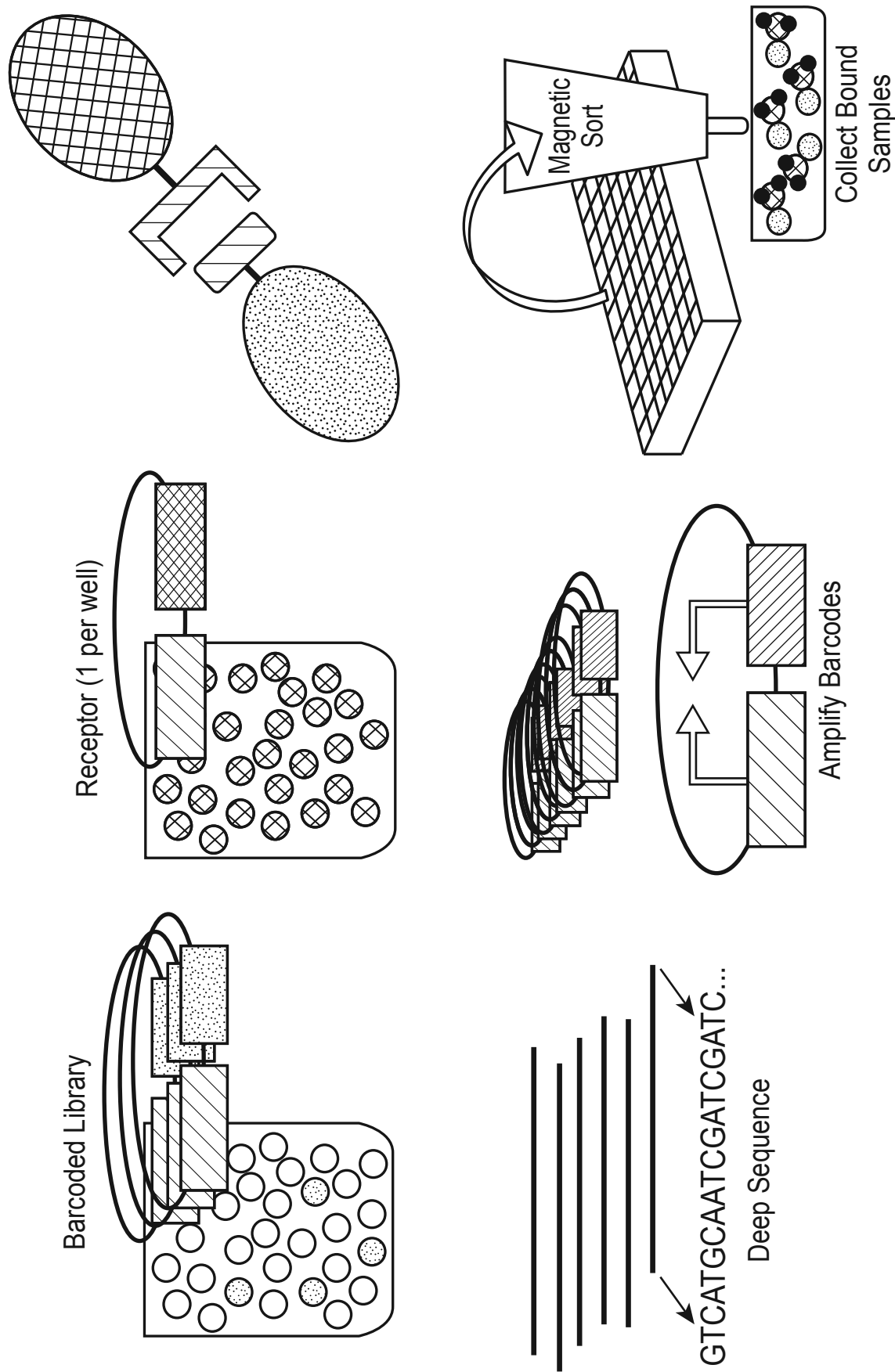


FIG. 17

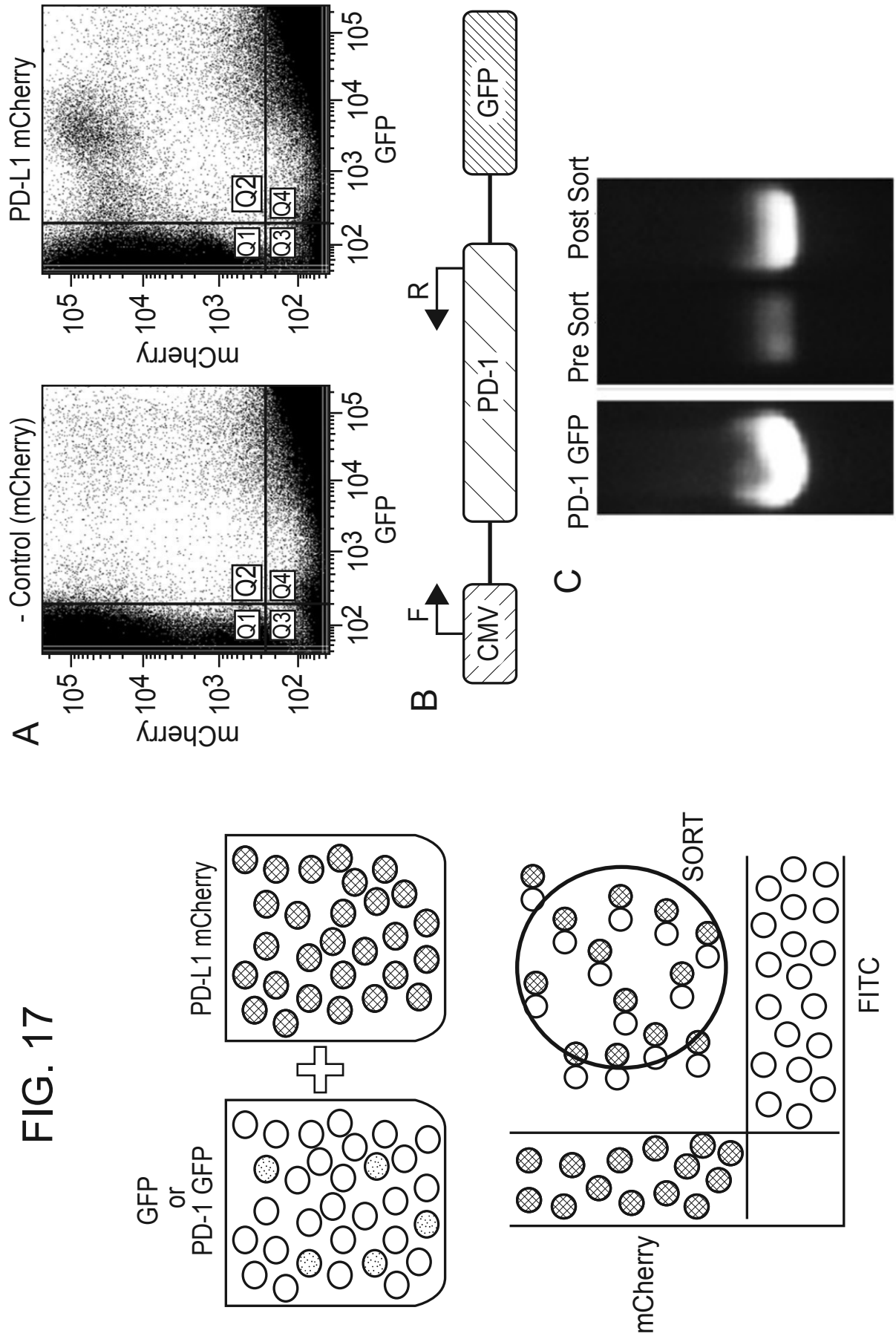


FIG. 18

Primer Sequence Binds PD-1 Reduced Binding No Binding

CTACGGGGCTTTACTATCACGGCTCCAAAGGACCTTGTTACGTGGTGGAGTATGGCAGCAAC
L G A G T I T A P K D L Y V E Y G S N
GTCACGATGGAGTGCAGATTCCCTGTAGAACGGAGCTGGACCTGCTTGCCTTAGTGGTG
V T M E C R F P V E R E L D L L A L V V
TAC TGGGAAAAGGAGATGAGCAAGTGATTTCAGTTTGTGGCAGGAGAGGACCTTAAG
Y W E K E D E Q V I Q F V A G E D L K
CCTCAGCACAGCAACTTCAGGGGAGAGCCTCGCTGCCAAAGGACCAGCTTTTGAAGGGA
P Q H S N F R G R A S L P K D Q L L K G
AATGCTGCCCTTCAGATCACAGACGTCAGCTGCAGGACGCGCTTACTGCTGCATA
N A A L O I T D V K L Q D A G V Y C C L
ATCAGCTACGGTGGTGGGACTACAAAGCGAATCACGCTGAAAGTCAATGCCCATACCGC
I S Y G G A D Y K R I T L K V N A P Y R

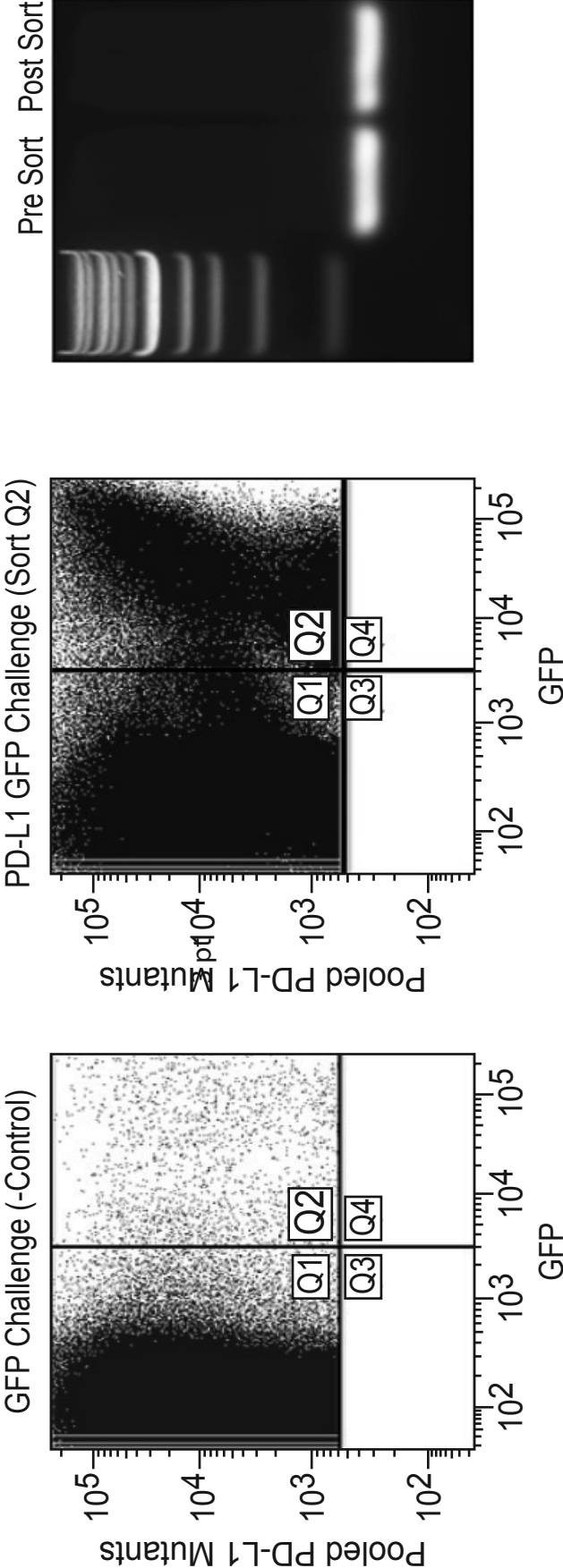


FIG. 19

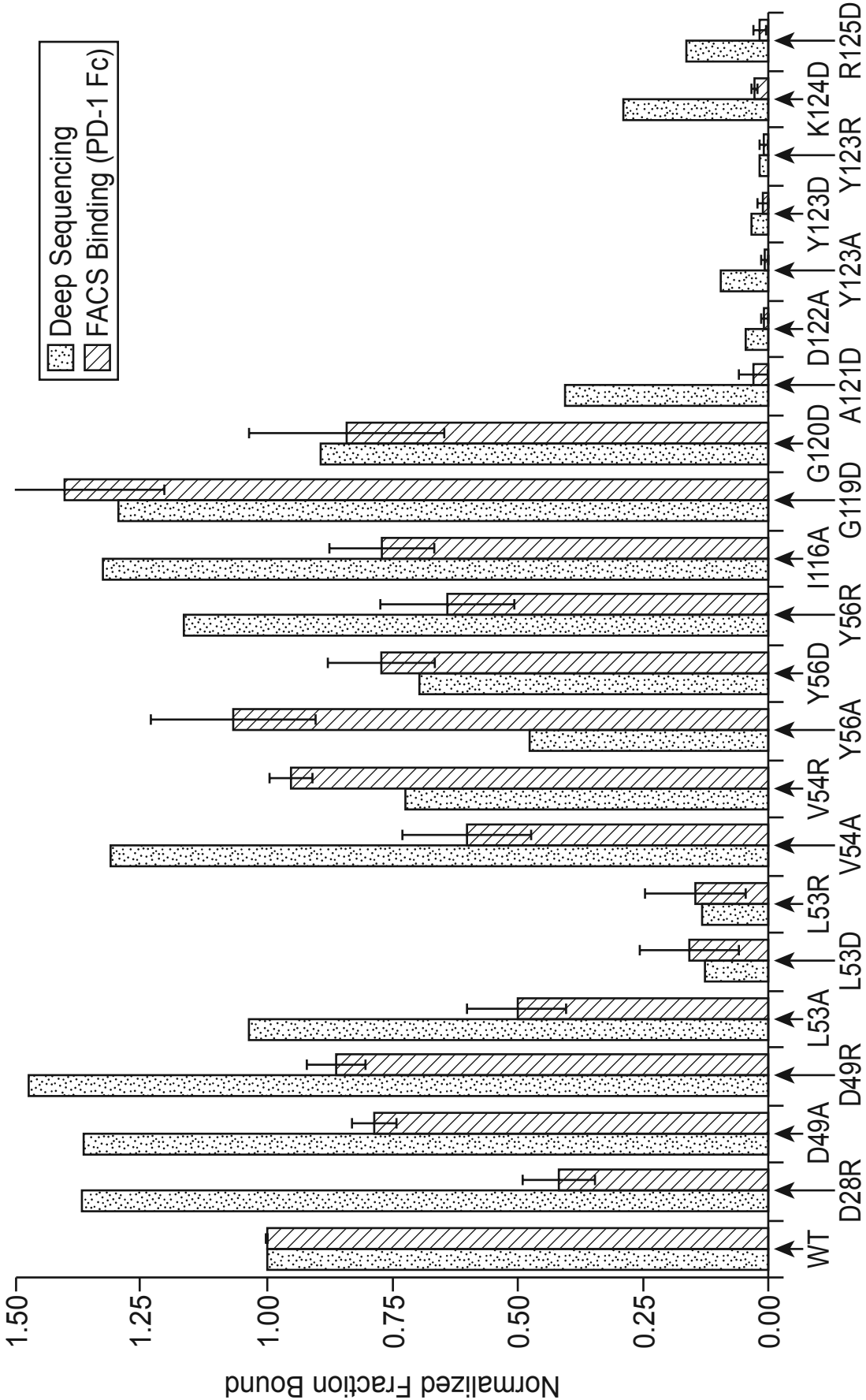


FIG. 20

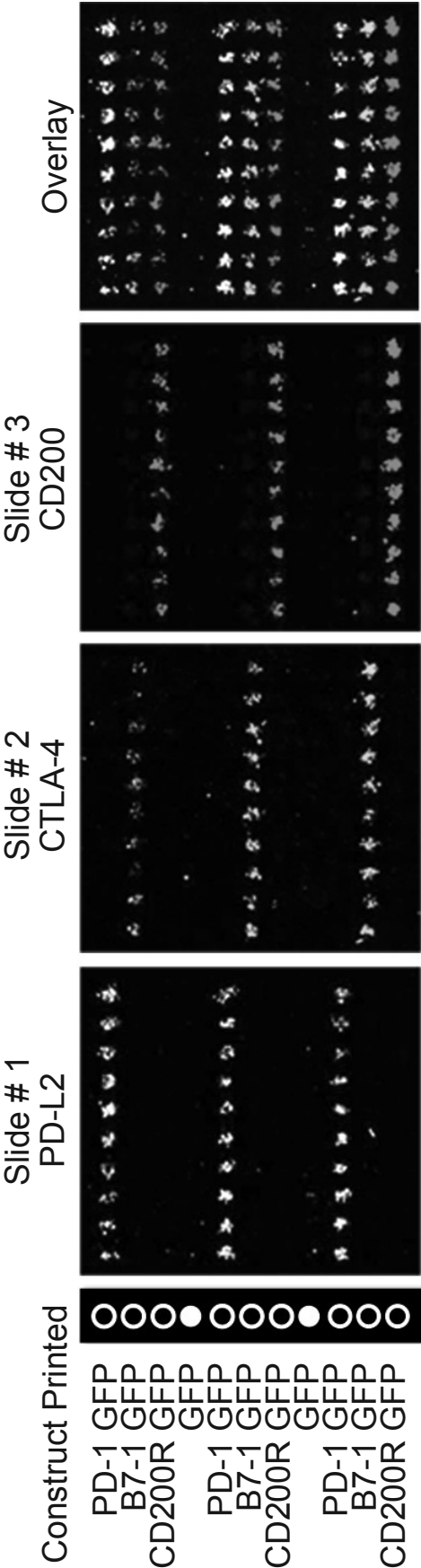


FIG. 21

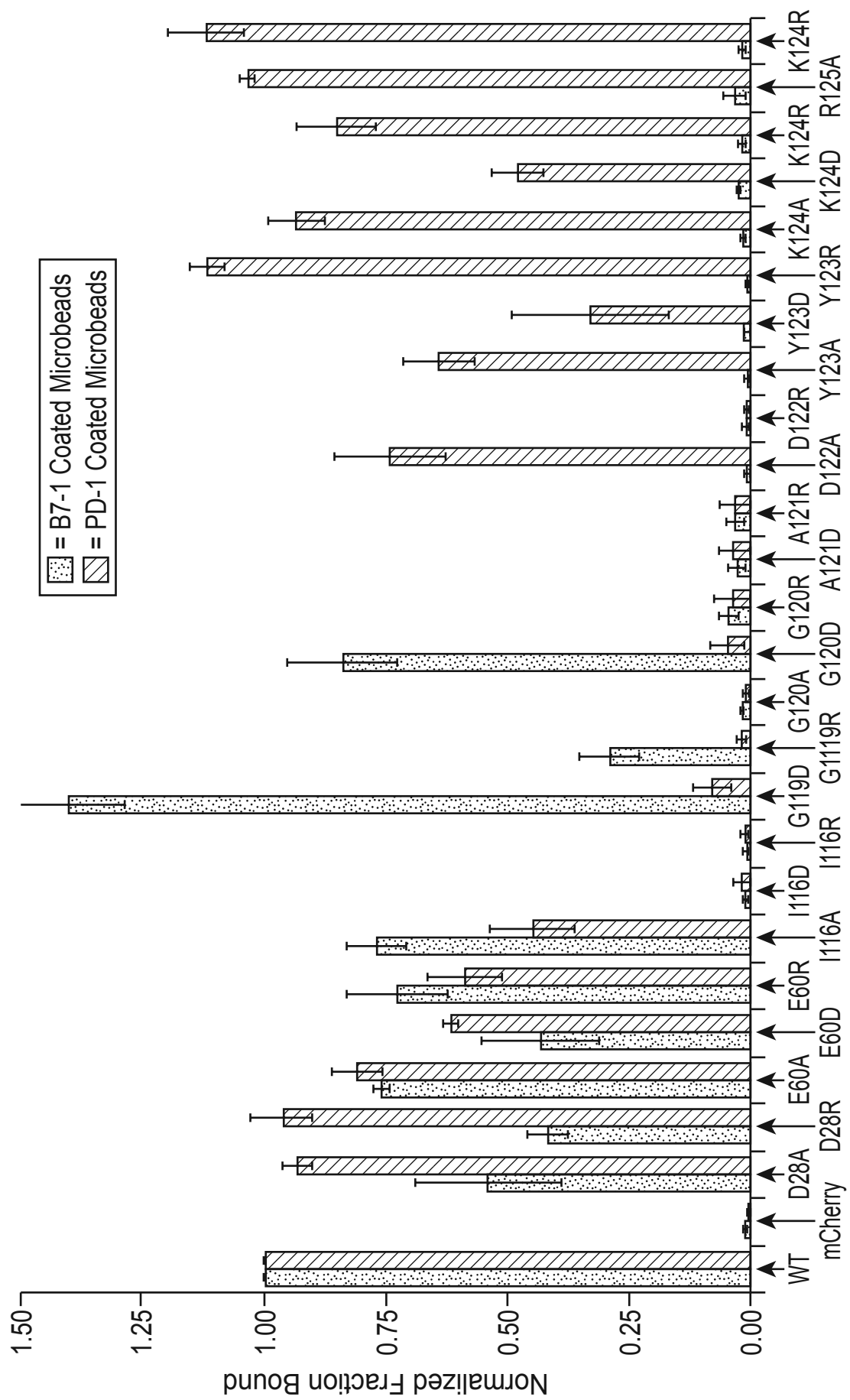


FIG. 22

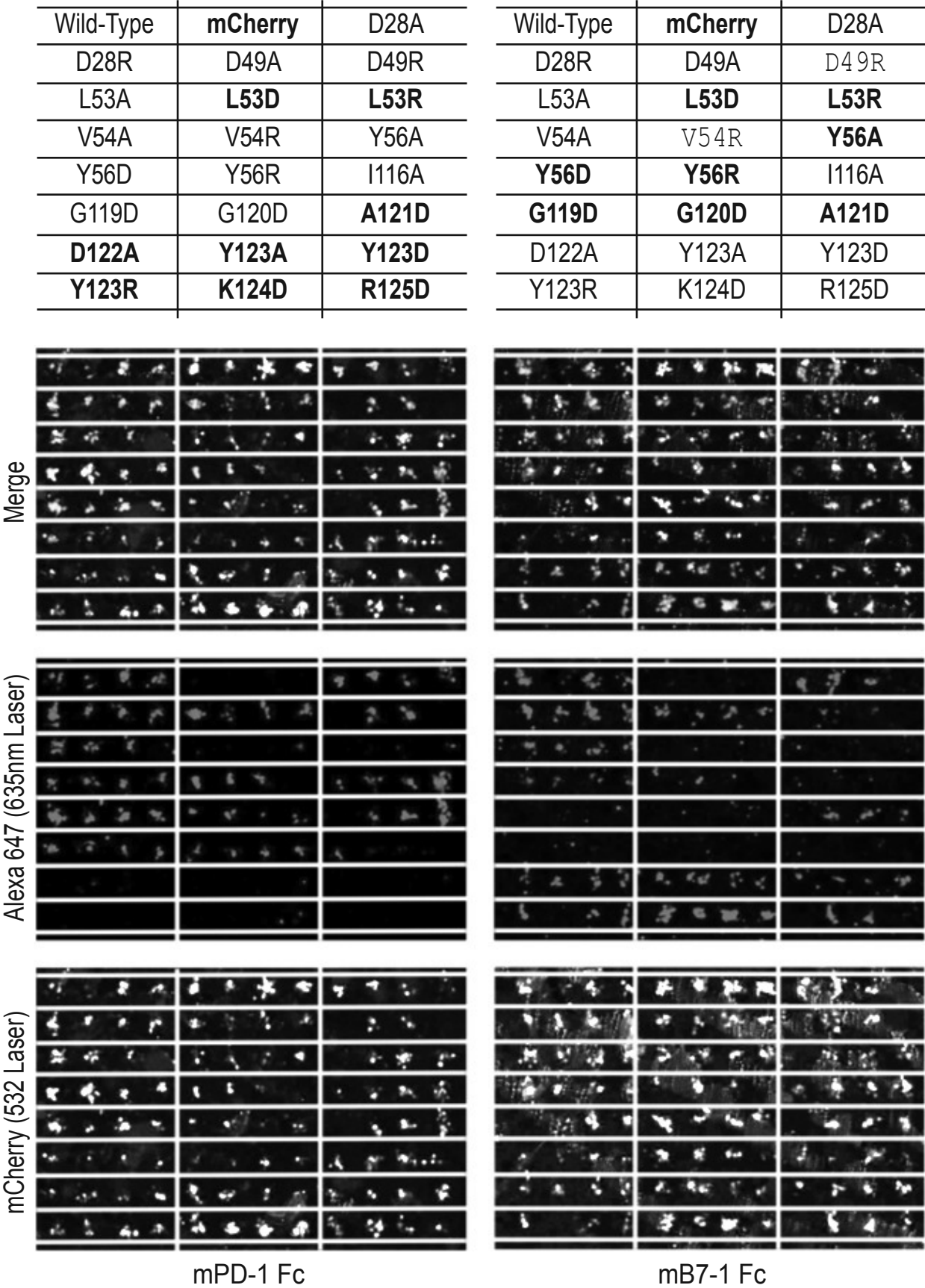


FIG. 23A

Sample	1.0x10 ⁶ cells/mL	0.5x10 ⁶ cells/mL	0.2x10 ⁶ cells/mL	1.0x10 ⁶ cells/mL	0.5x10 ⁶ cells/mL	0.2x10 ⁶ cells/mL
Untransfected	A01	B05	C09	E01	F05	G09
GFP Alone	A02	B06	C10	E02	F06	G10
mCherry Alone	A03	B07	C11	E03	F07	G11
PD-1 GFP Alone	A04	B08	C12	E04	F08	G12
PD-L1 mCherry Alone	A05	B09	D01	E05	F09	H01
CD200R GFP Alone	A06	B10	D02	E06	F10	H02
CD200 mCherry Alone	A07	B11	D03	E07	F11	H03
"Cell-Cell" GFP & mCherry	A08	B12	D04	E08	F12	H04
"Cell-Cell" GFP & PD-L1 mCherry	A09	C01	D05	E09	G01	H05
"Cell-Cell" GFP & CD200 mCherry	A10	C02	D06	E10	G02	H06
"Cell-Cell" mCherry & PD-1 GFP	A11	C03	D07	E11	G03	H07
"Cell-Cell" mCherry & CD200R GFP	A12	C04	D08	E12	G04	H08
"Cell-Cell" CD200R GFP & PD-L1 mCherry	C01	C05	D09	F01	G05	H09
"Cell-Cell" PD-1 GFP & CD200 mCherry	B02	C06	D10	F02	G06	H10
"Cell-Cell" PD-1 GFP & PD-L1 mCherry	B03	C07	D11	F03	G07	H11
"Cell-Cell" CD200R GFP & CD200 mCherry	B04	C08	D12	F04	G08	H12

FIG. 23B

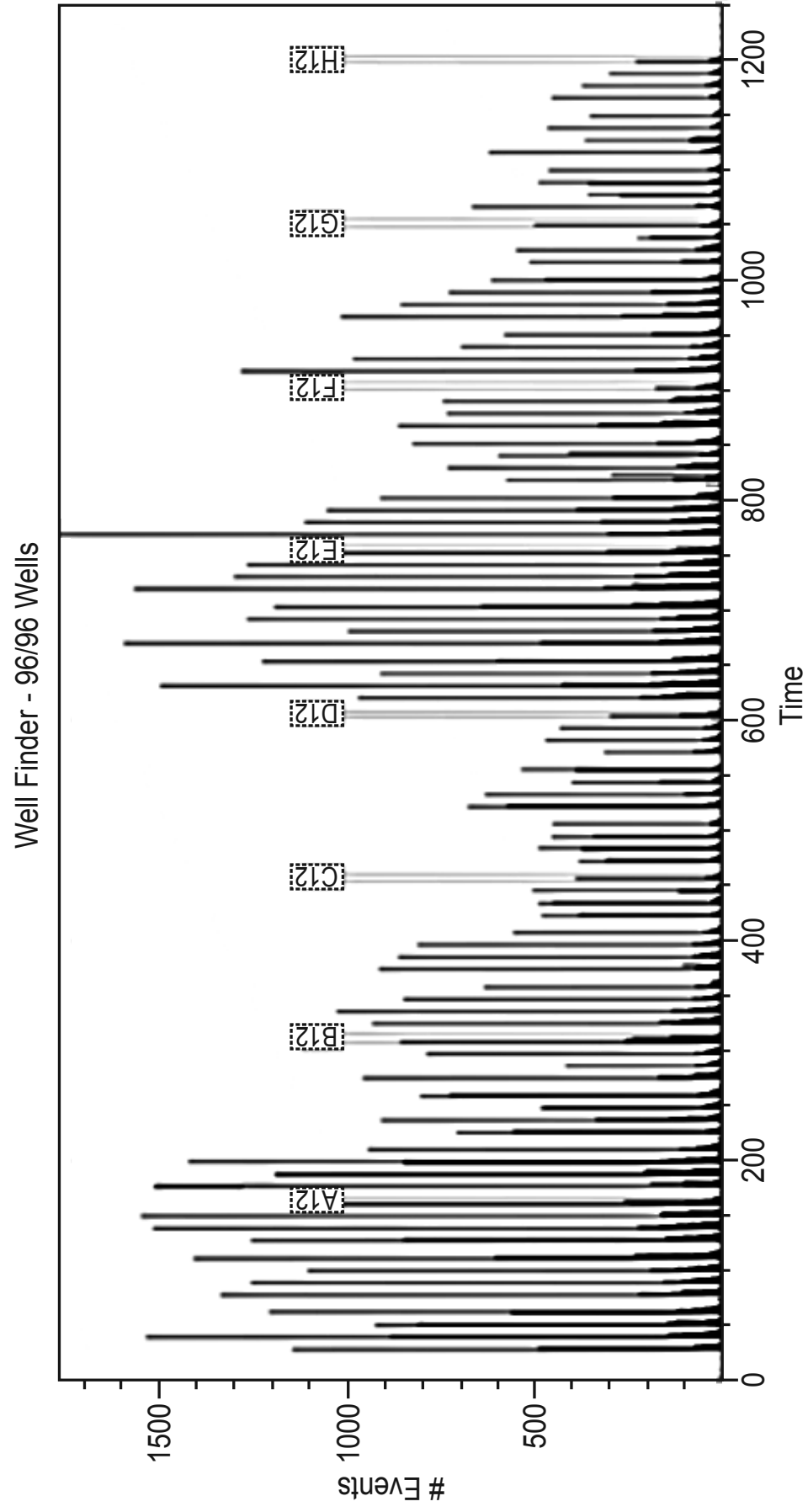


FIG. 23C

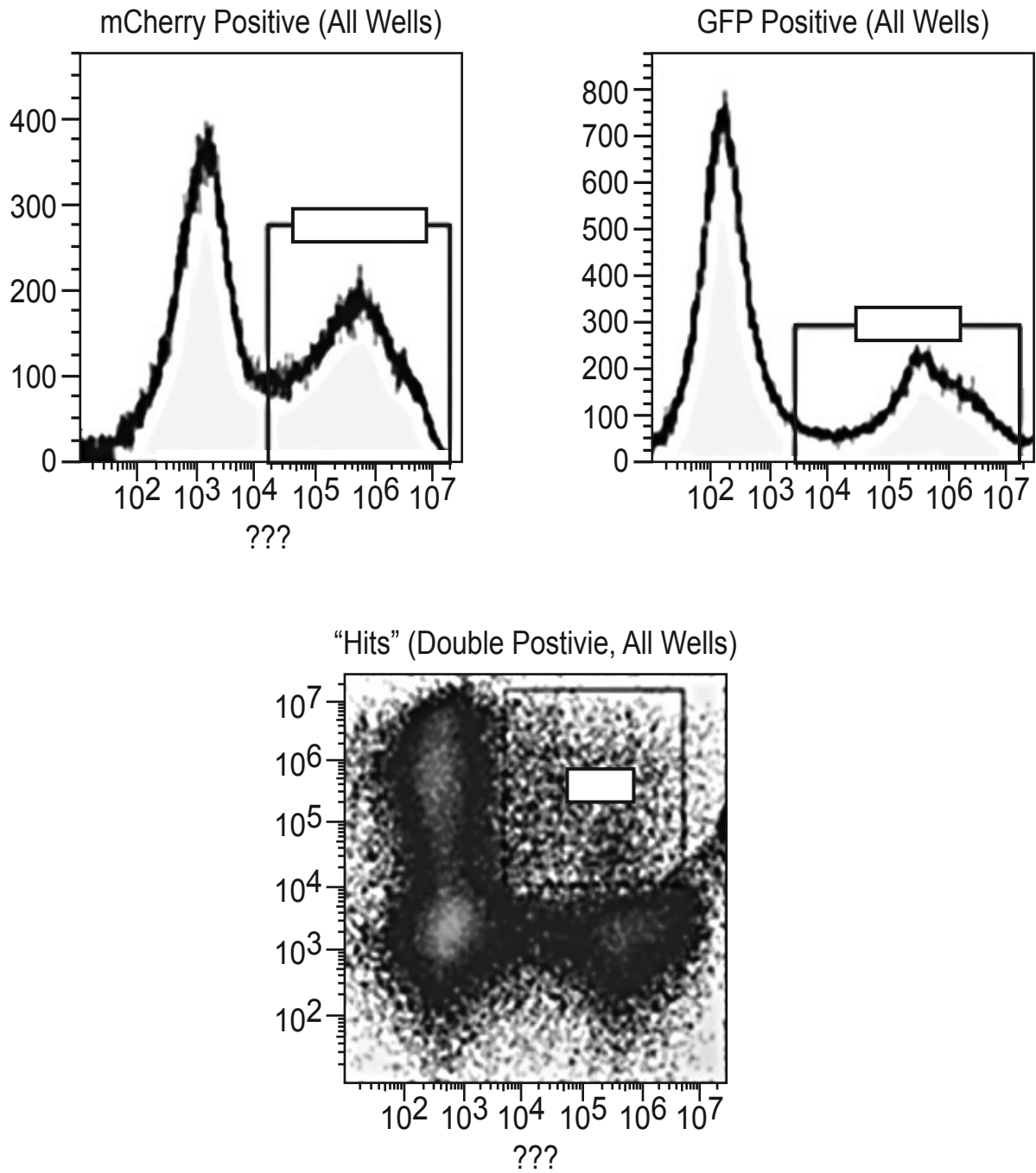


FIG. 23D

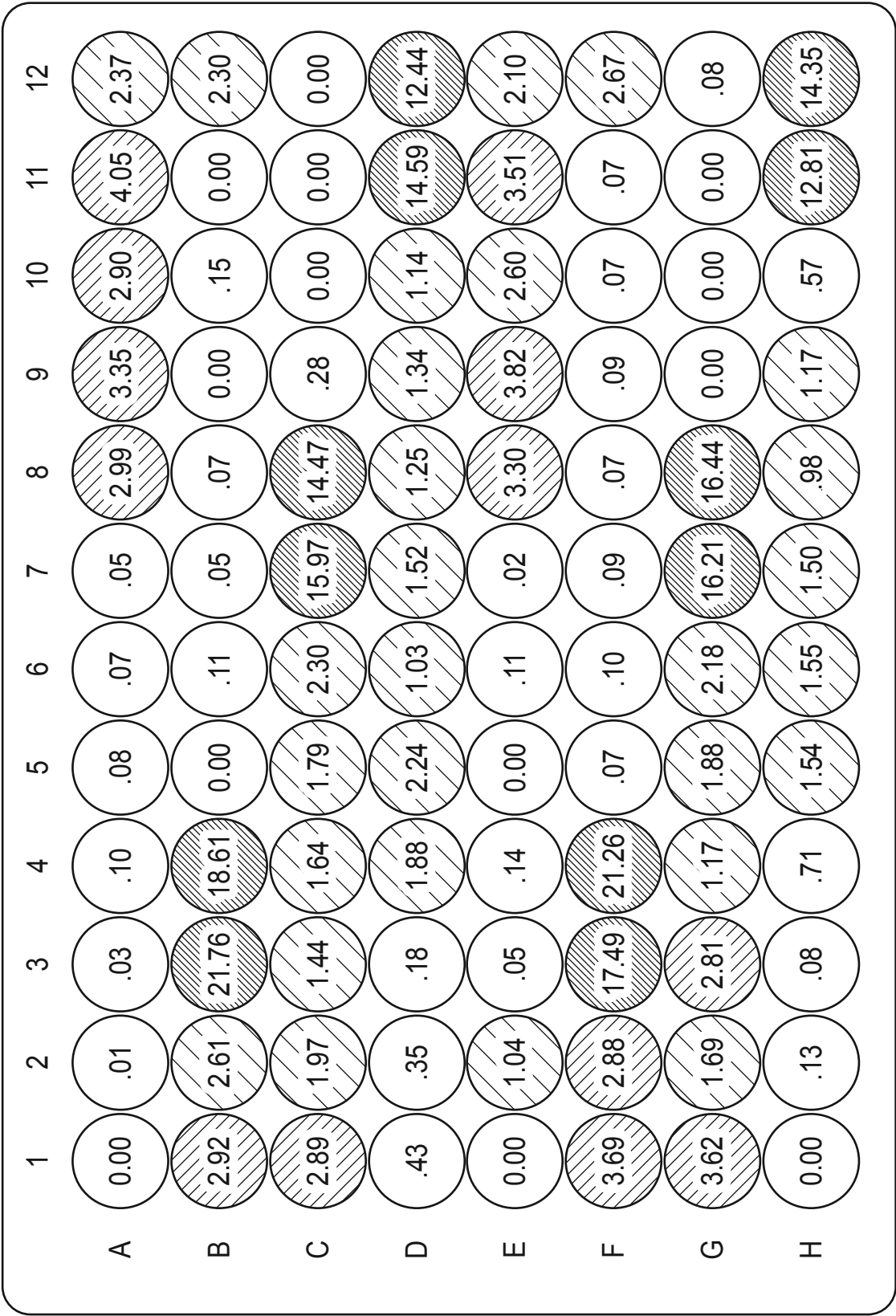


FIG. 23E

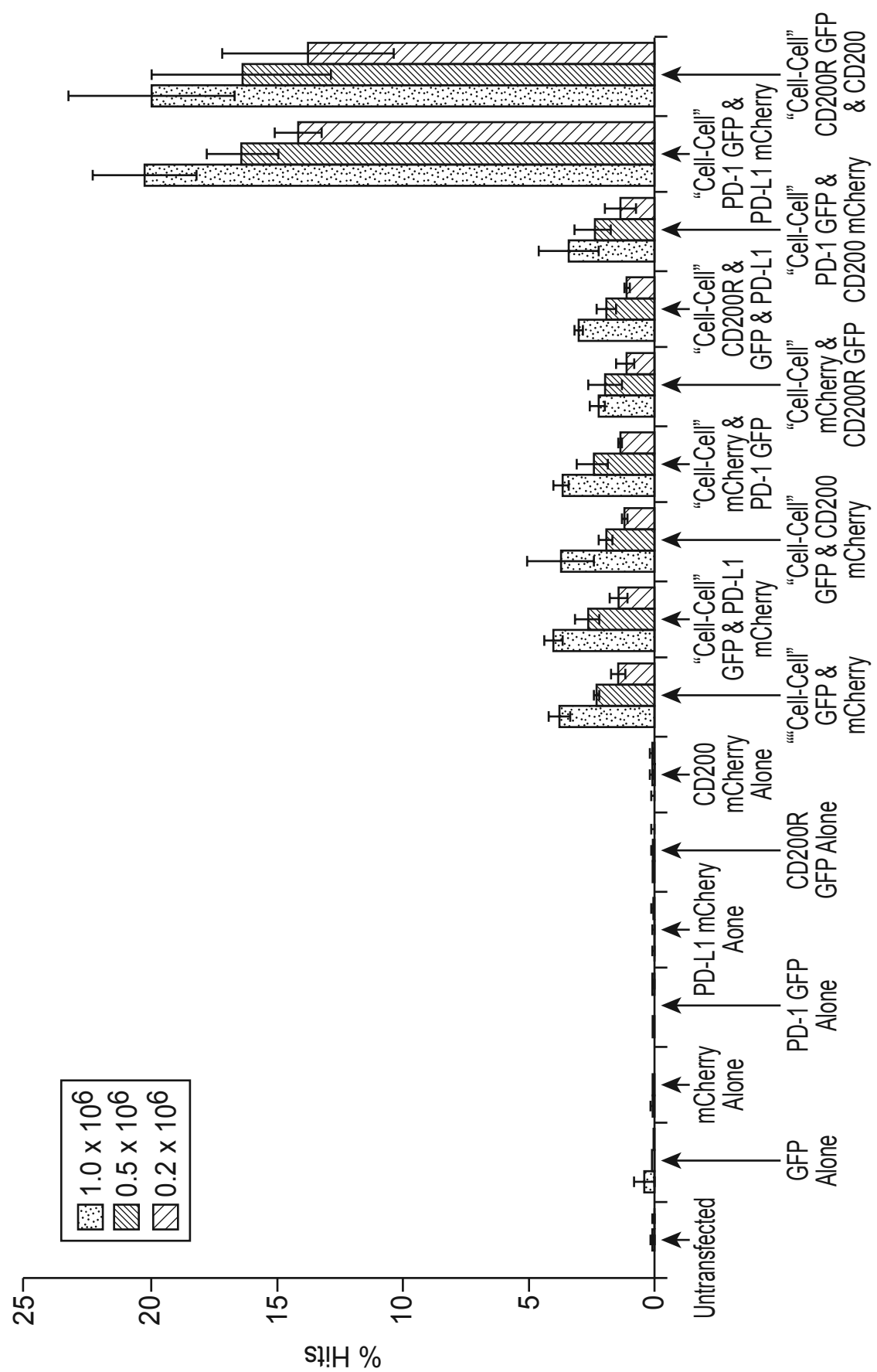


FIG. 24A

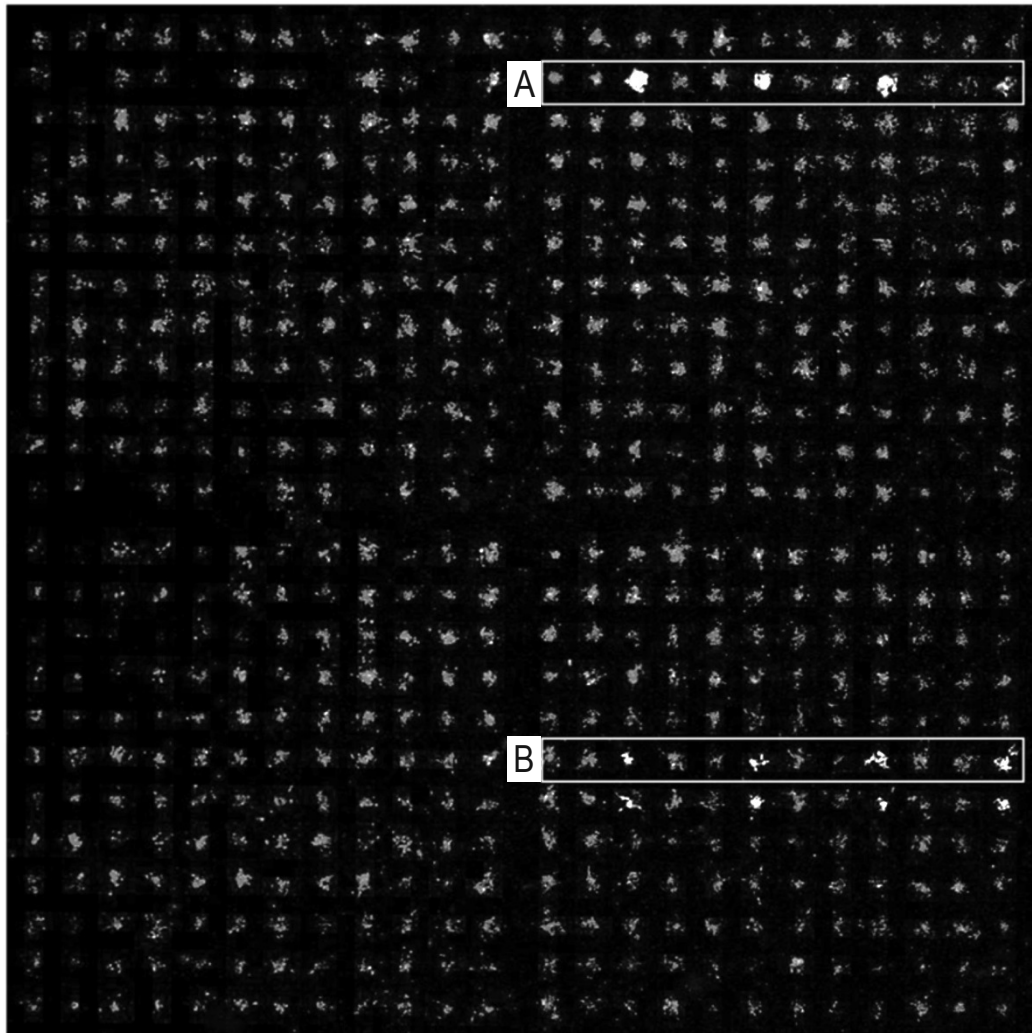


FIG. 24B

