

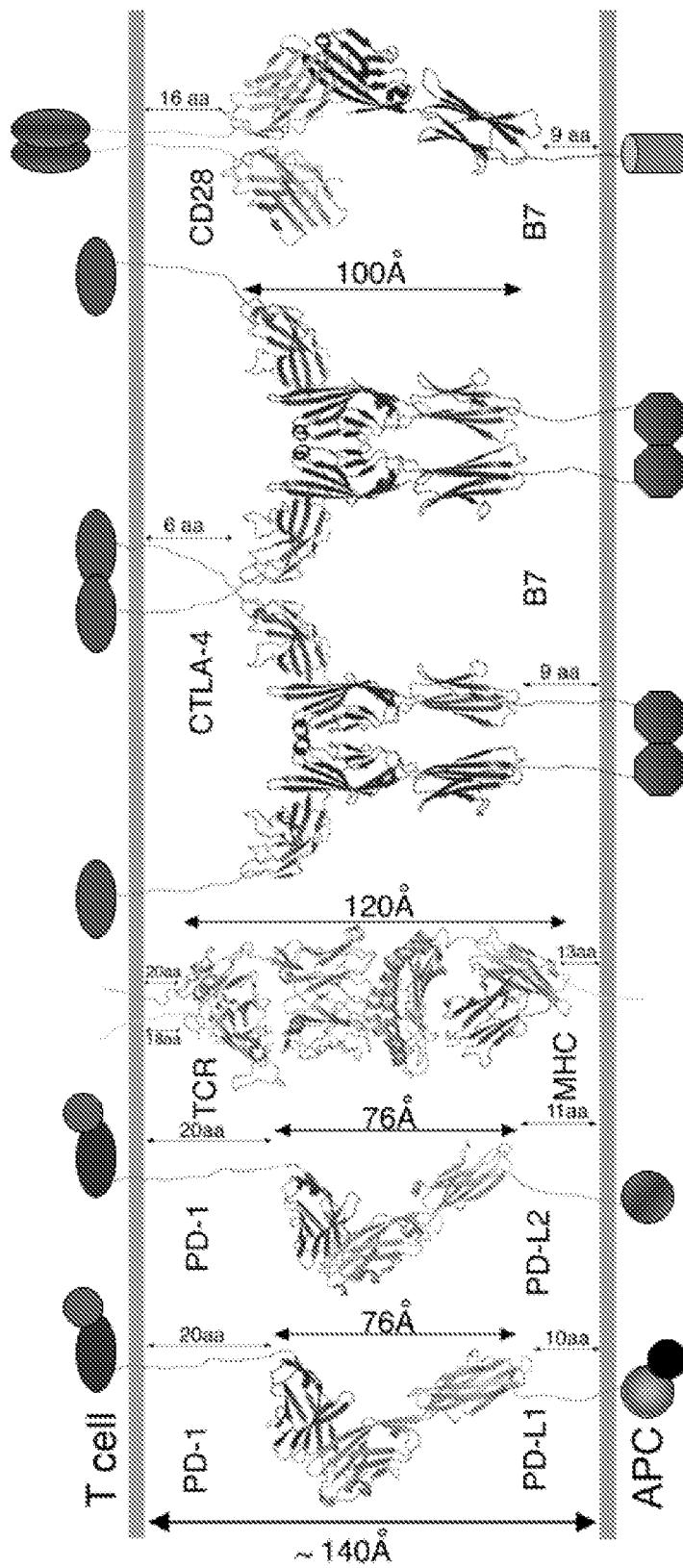


Fig. 1

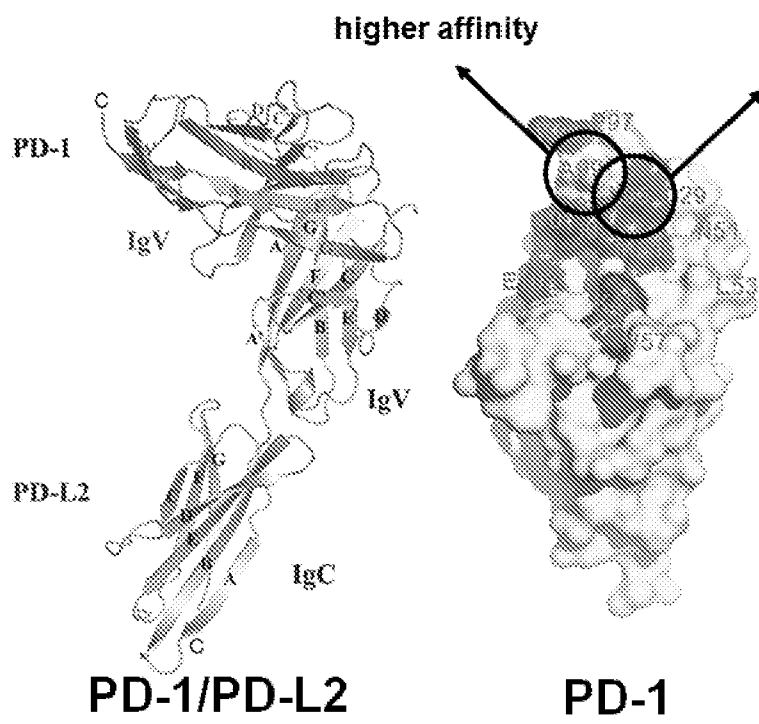


Fig. 2

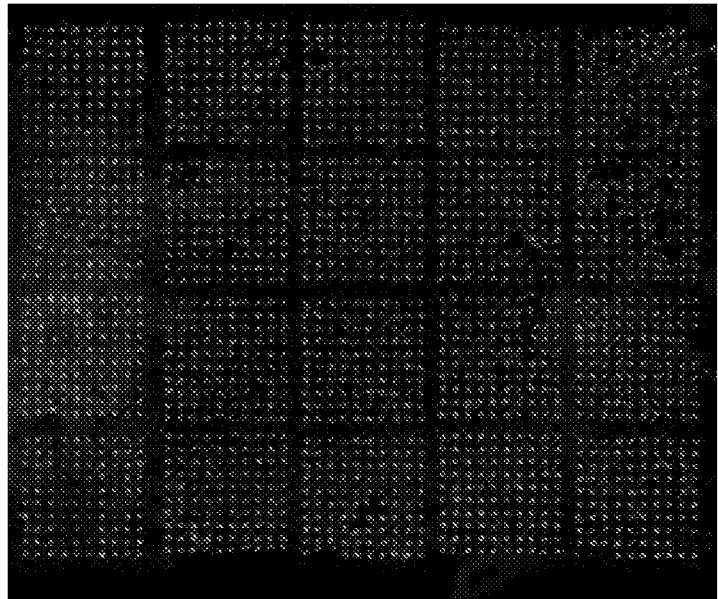
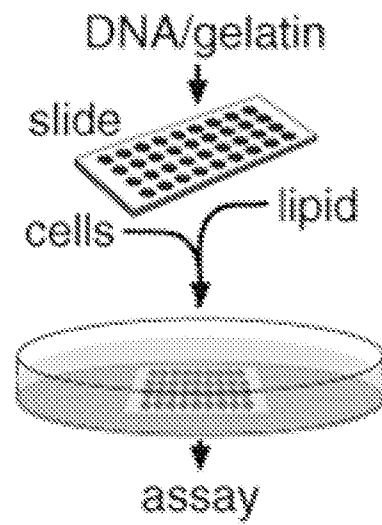


Fig. 3

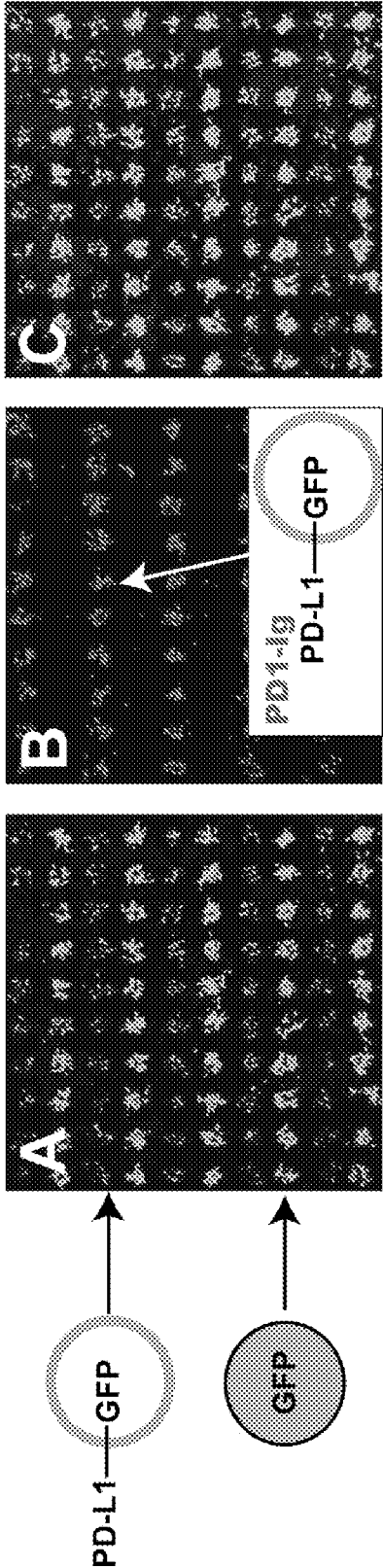


Fig. 4

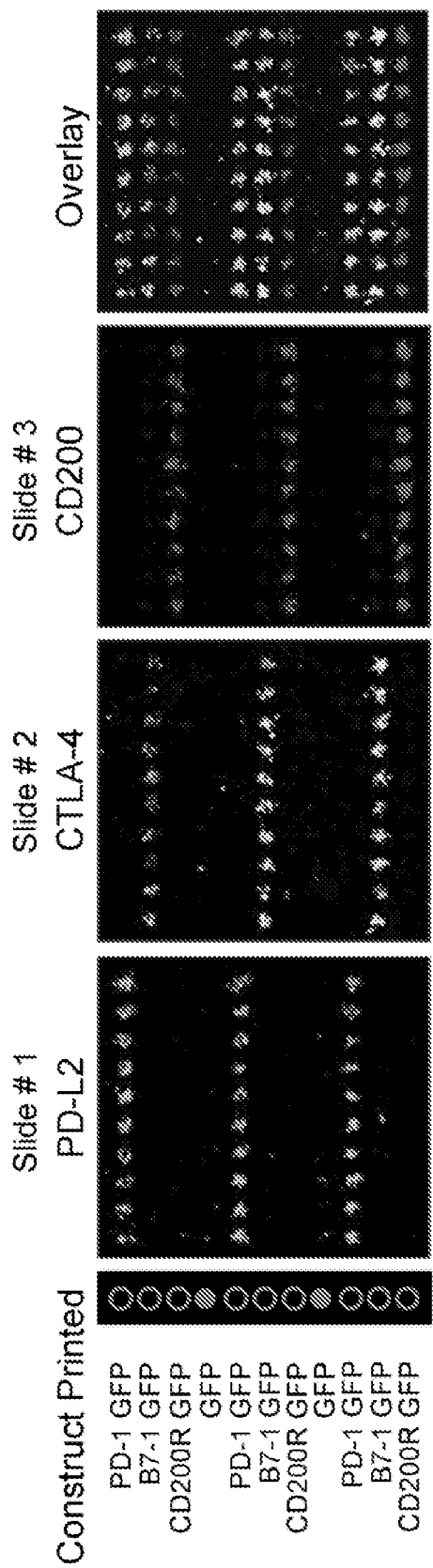


Fig. 5

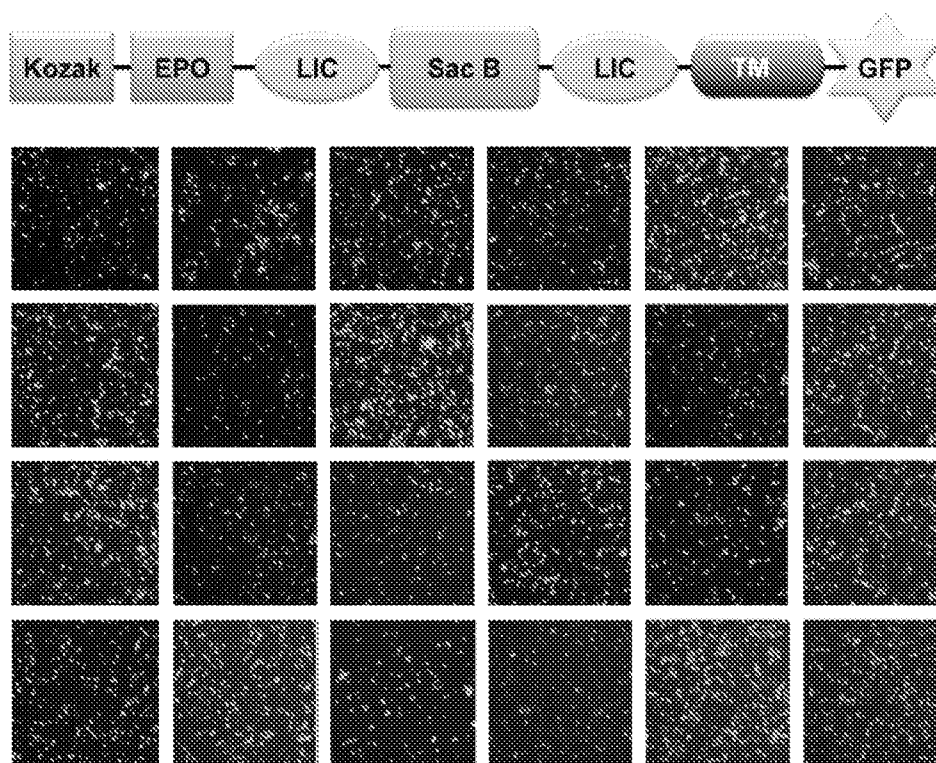


Fig. 6

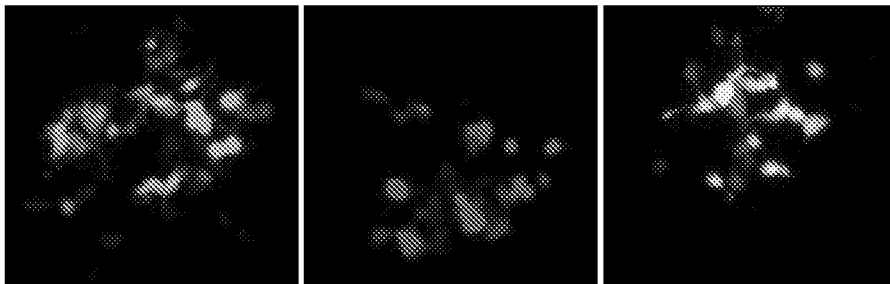


Fig. 7

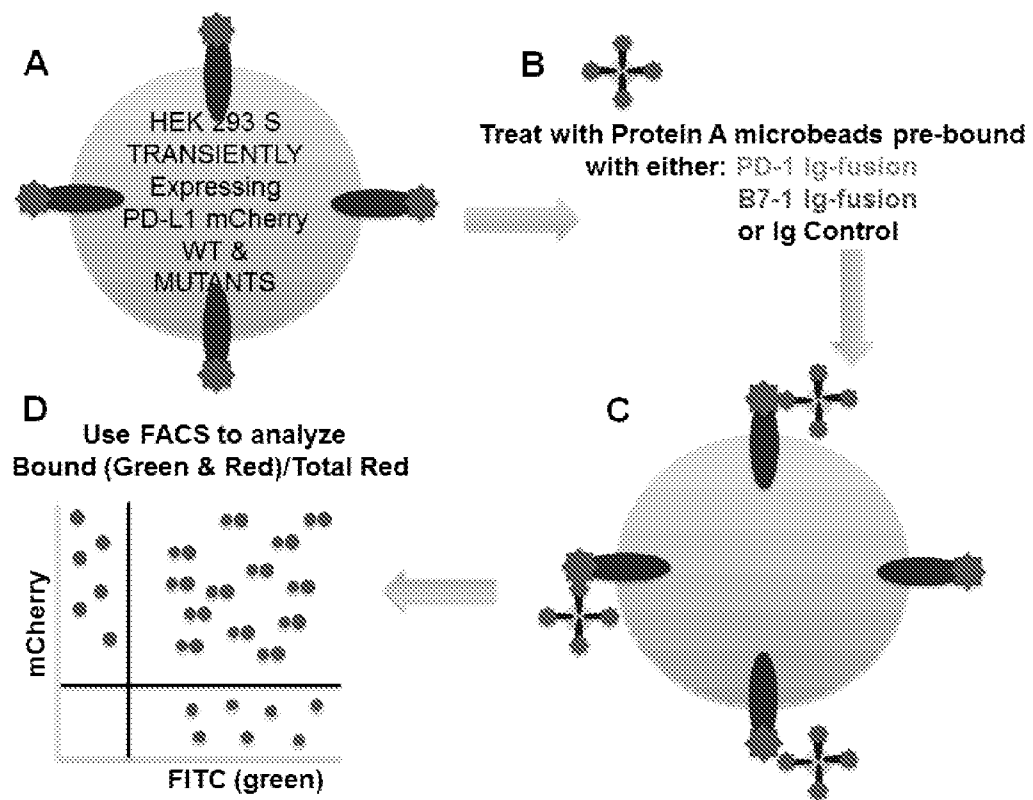


Fig. 8A-8D

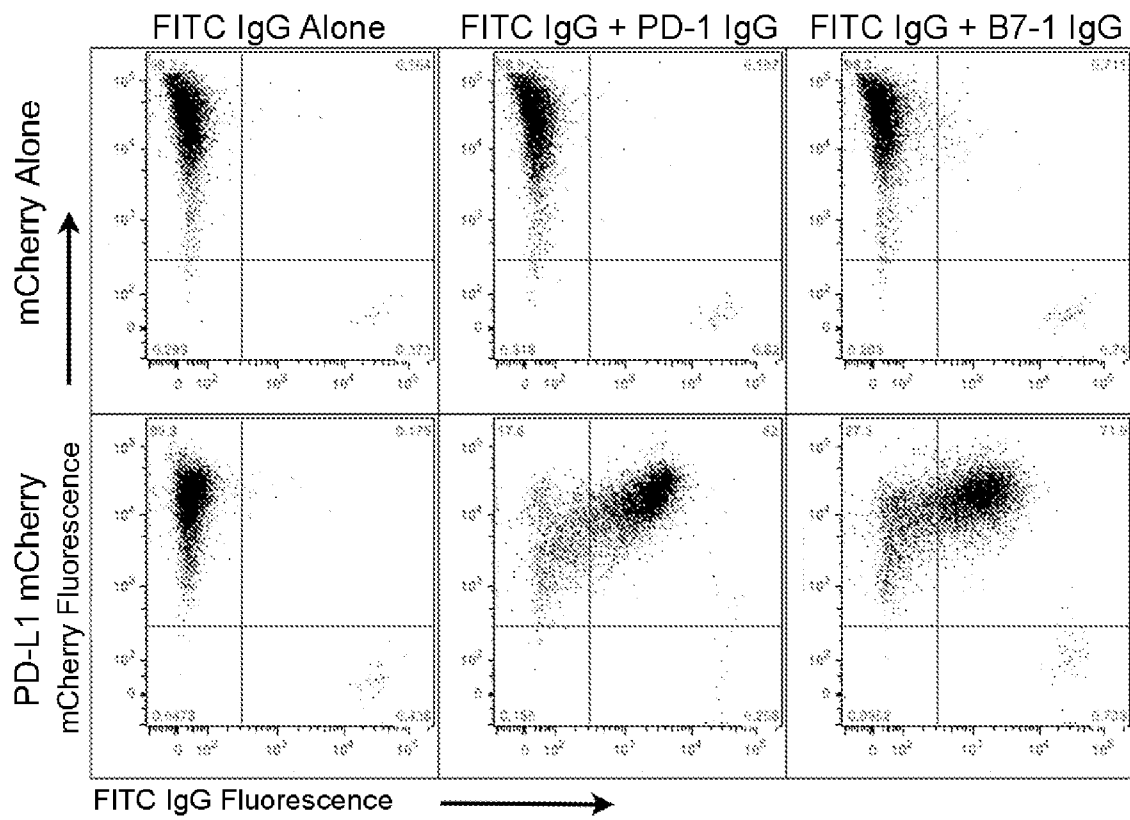


Fig. 9

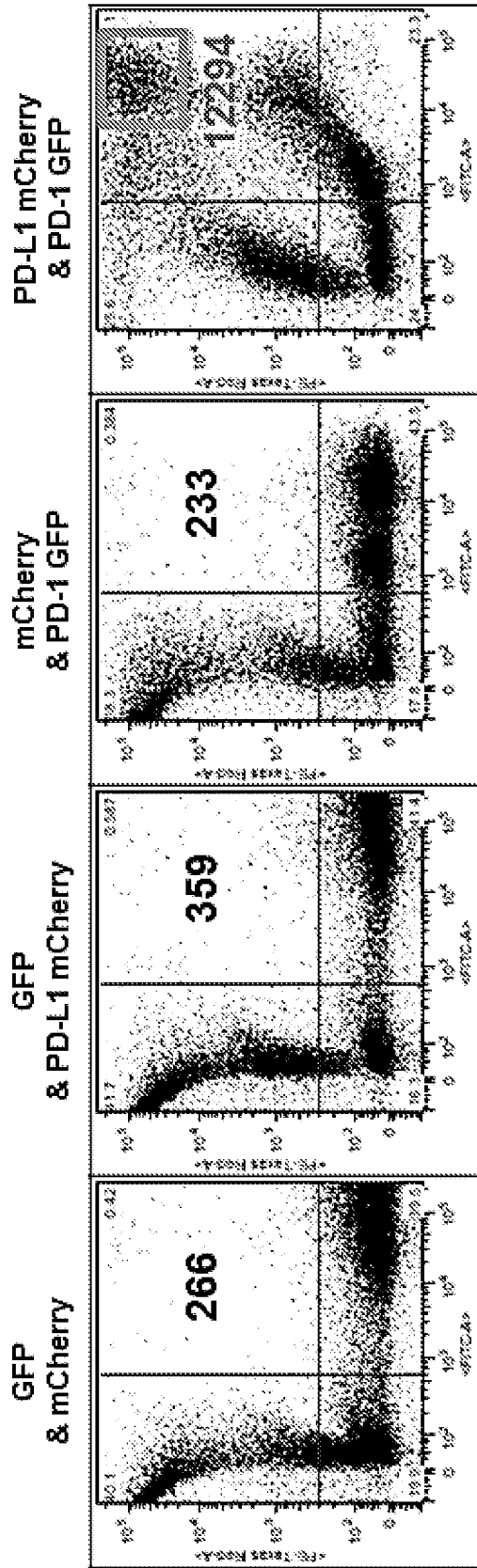


Fig. 10

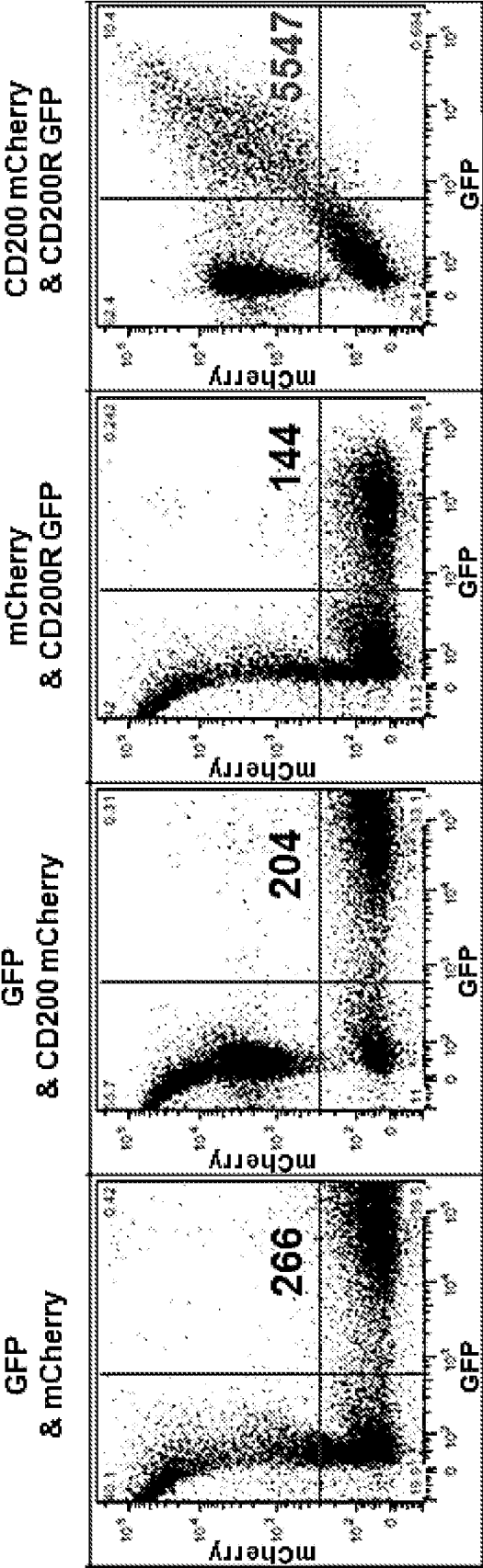


Fig. 11

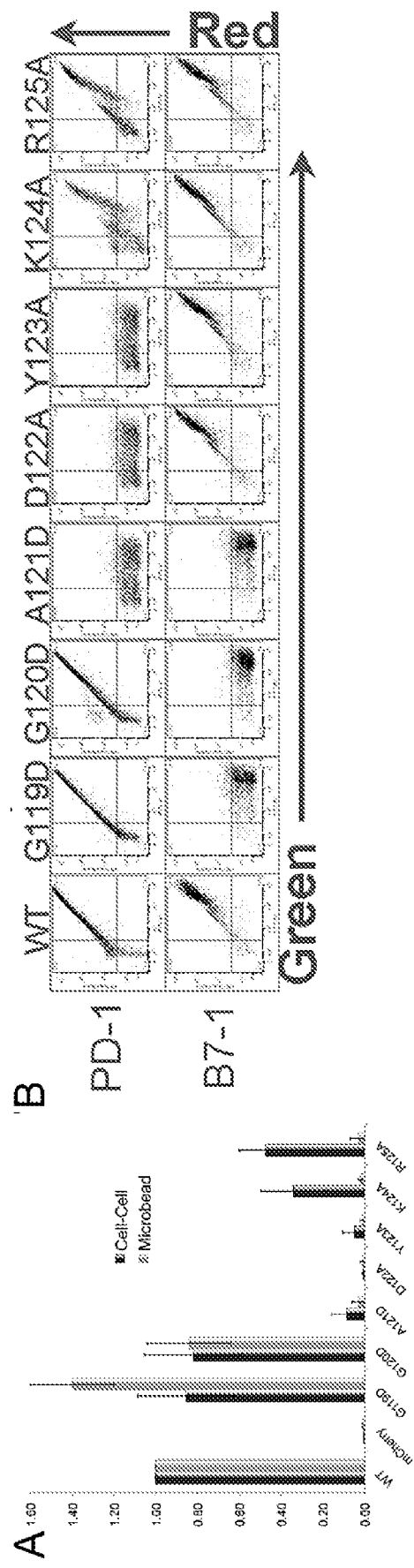


Fig. 12

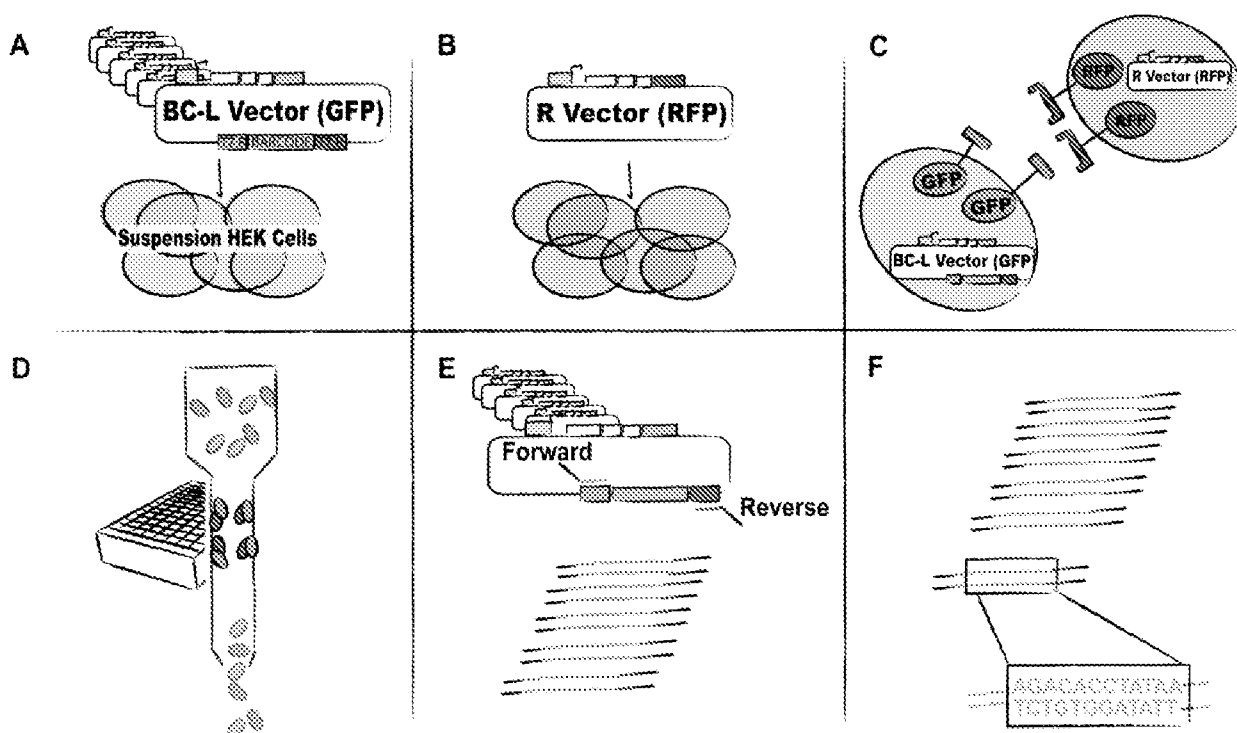


Fig. 13

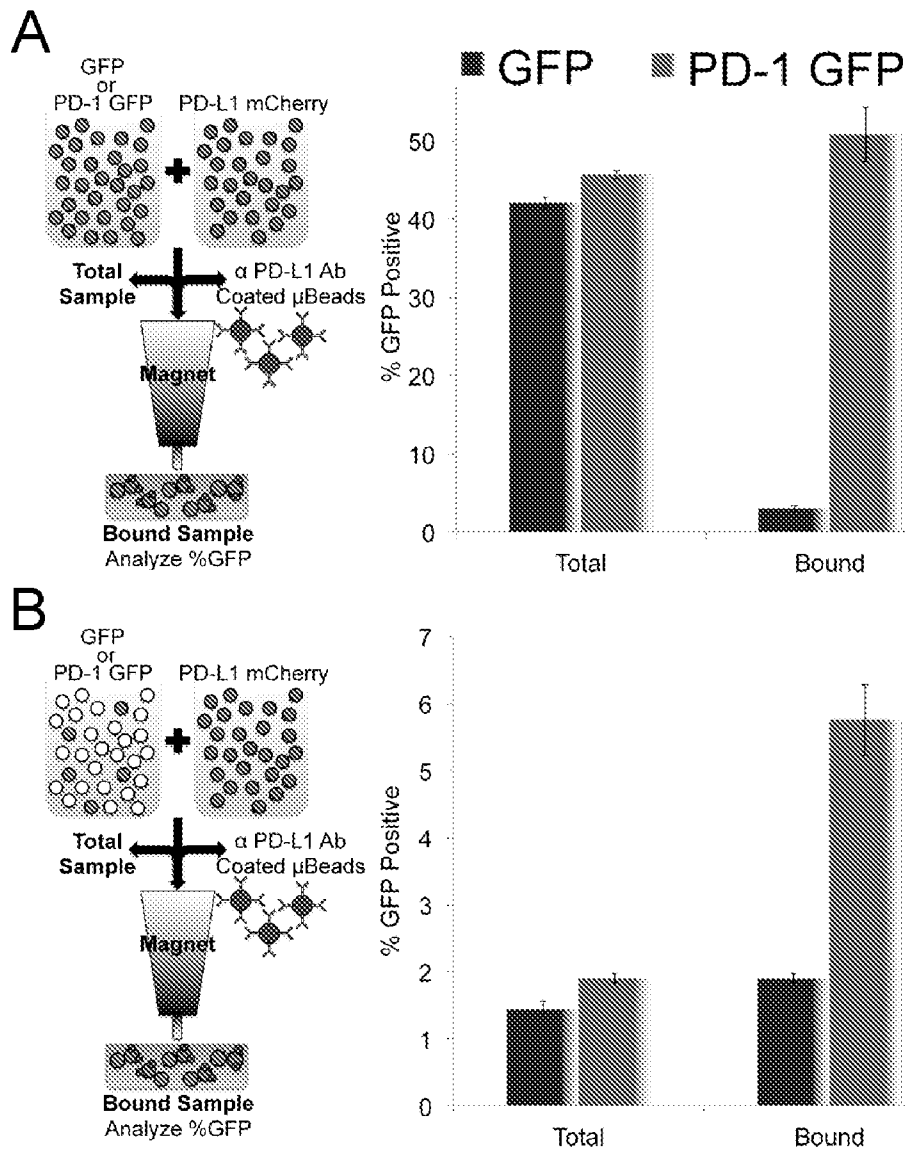


Fig. 14A-14B

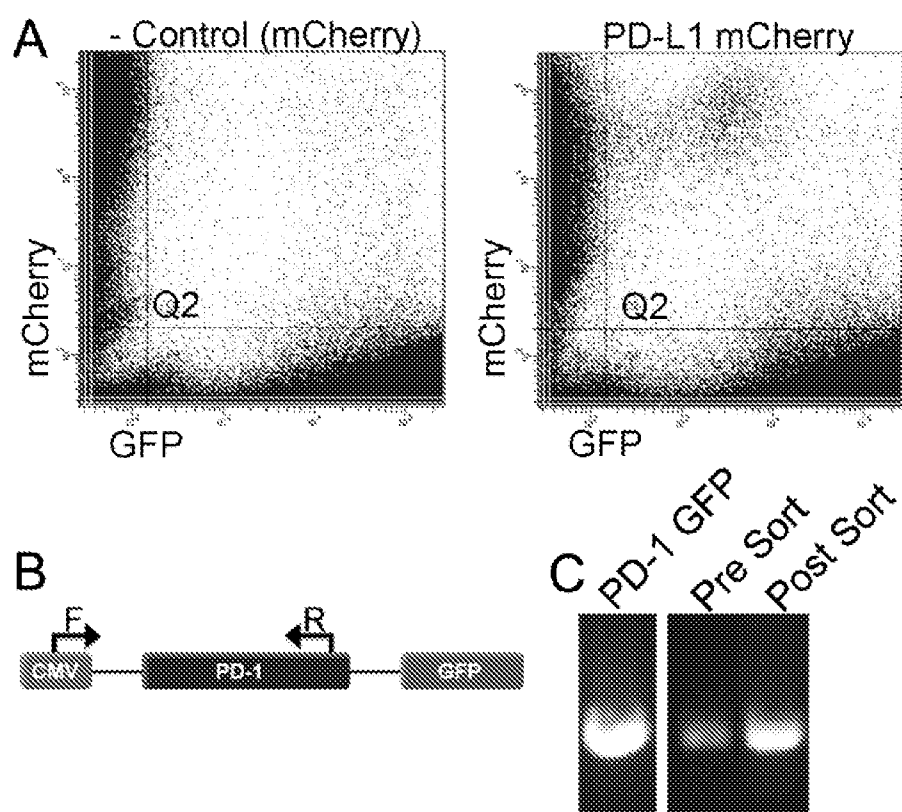


Fig. 15A-15C

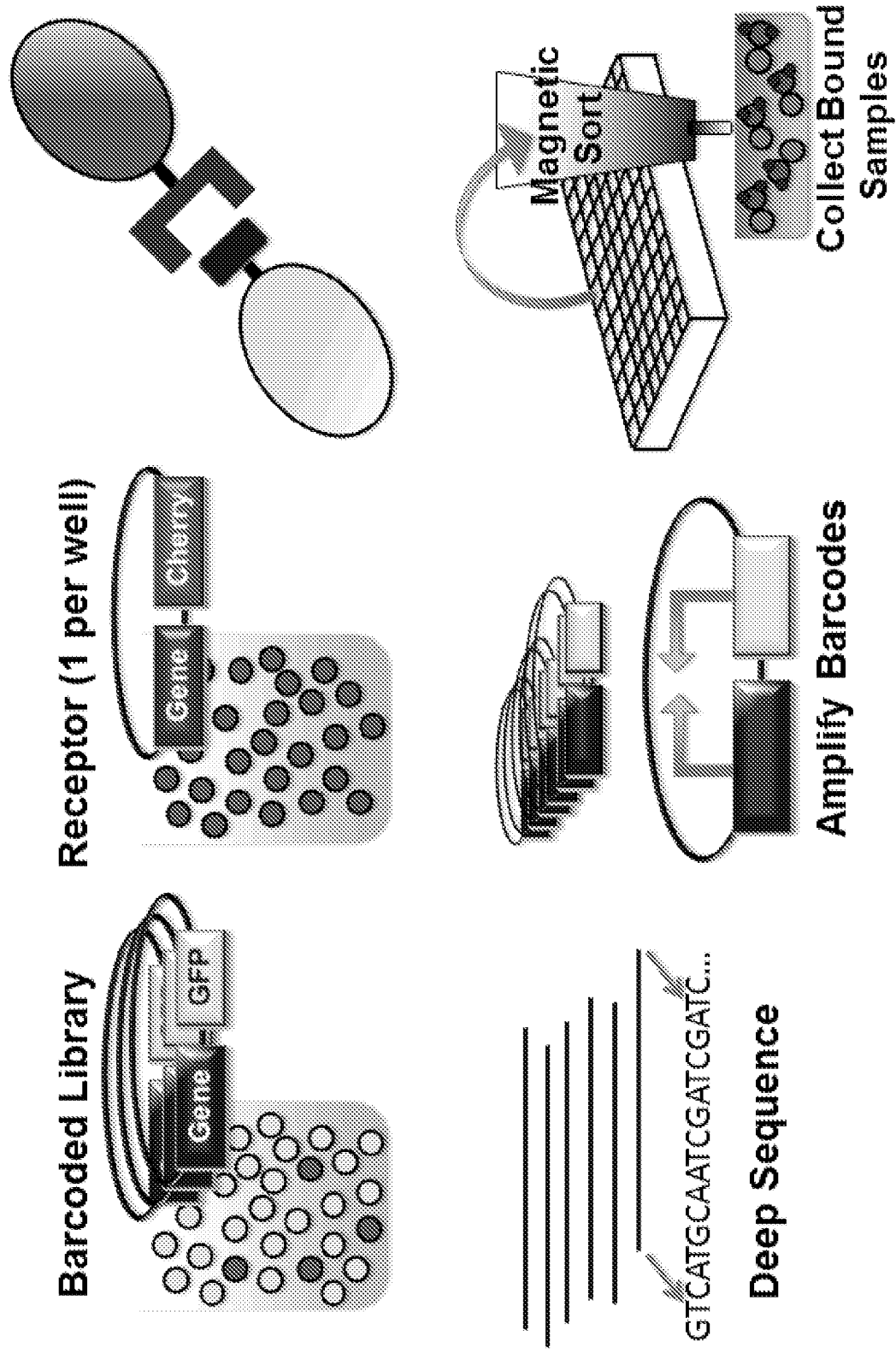


Fig. 16

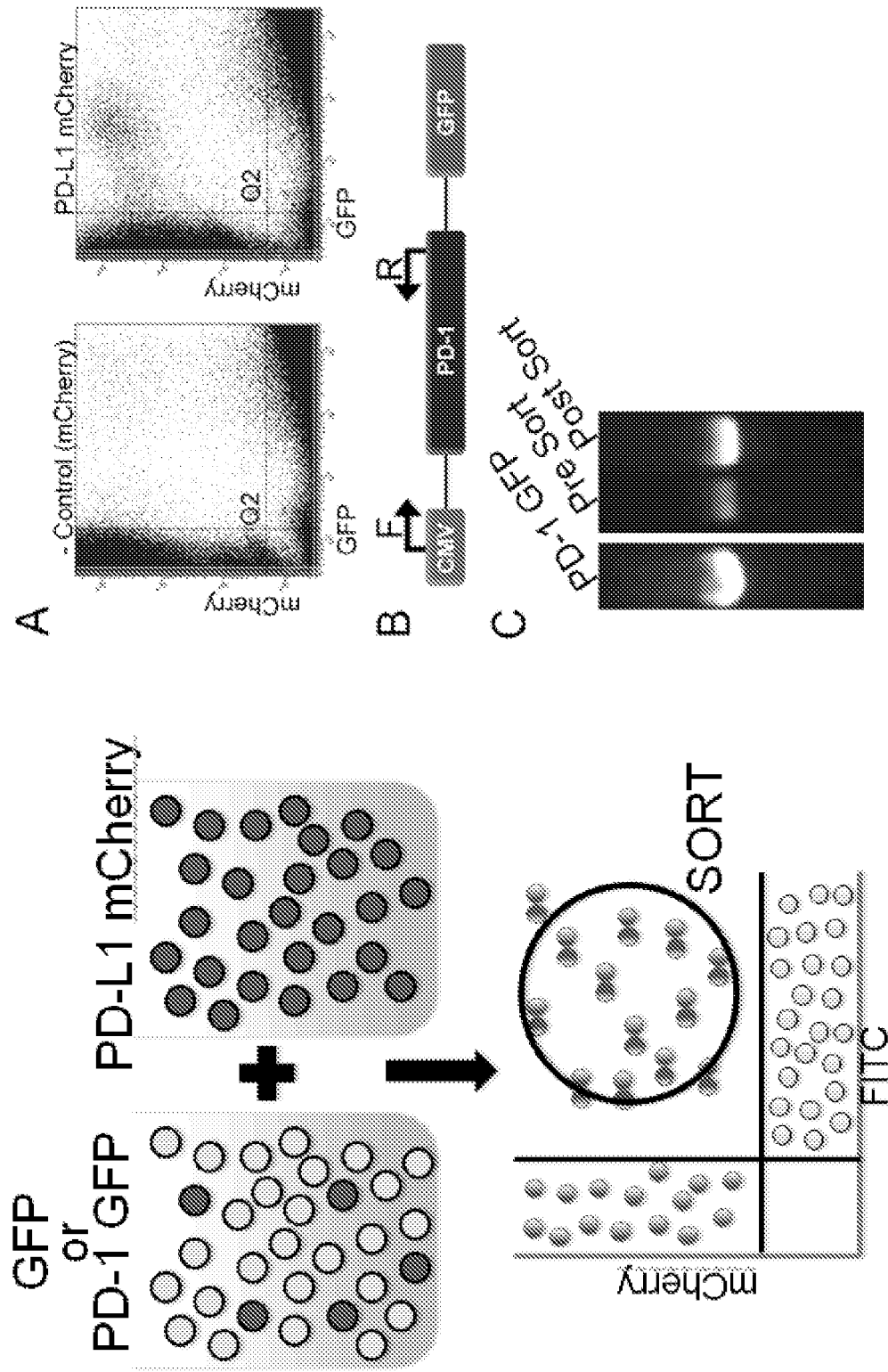


Fig. 17

Primer Sequence Binds PD-1 Reduced Binding No Binding

CTACGGGCGTTTACTATATCAGGCTCCAAAGGACTTGTTACGTTGGTGGAGTATGGCAGCAAC
 L R A F T I T A P K D L Y V V E Y G S N
 GTCACGATGGAGTGCAGATTCCCTGTAGAACGGGAGCTGCTTGGCTTAGTGGTG
 V T M E C R F P V E R E L D L A L V V
 TACTGGGAAAAGGAAGATGAGCAAGTGATTCACTTGTGGCAGGAGGAGGACCTTAAG
 W E K E D E Q V I Q F V A G E E D L K
 CCTCAGCACAGCAACTTCAGGGGGAGAGCCCTCGCTGCCAAAGGACCAGCTTTTGAAGGGA
 P Q H S N F R G R A S L P K D Q L L K G
 AATGCTGCCCTTCAGATCACAGACGTCAGCTGCAGGACGCGGCTTACTGCTGCTT
 N A A L Q I T D V K L Q D A G V Y C C
 ATCAGCTACGGTGGTGGCTTACAGCGCAATCACGCTGAAGTCAATGCCCCCATACCGC
 I S Y G G Y K R I T L K V N A P Y R

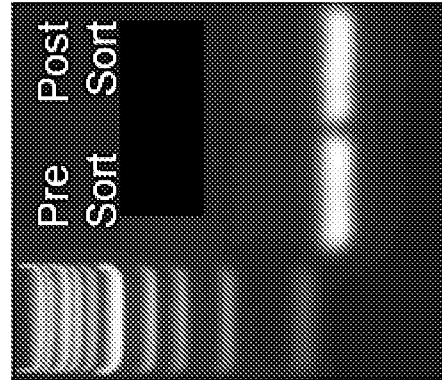
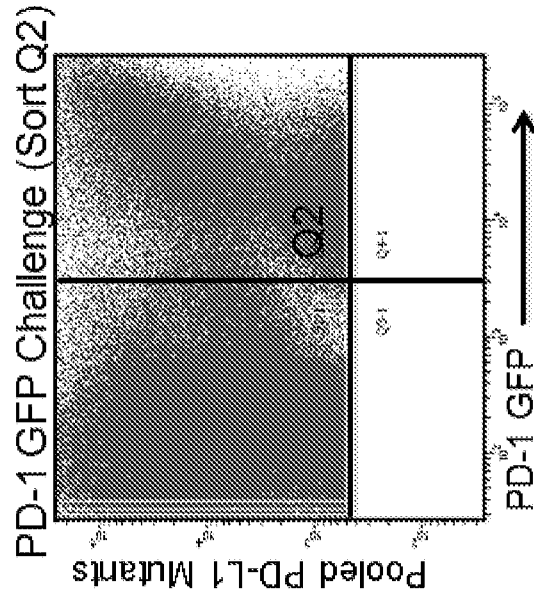
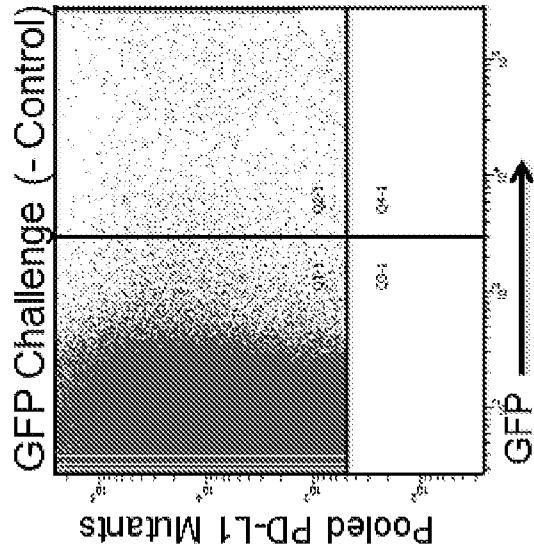


Fig. 18

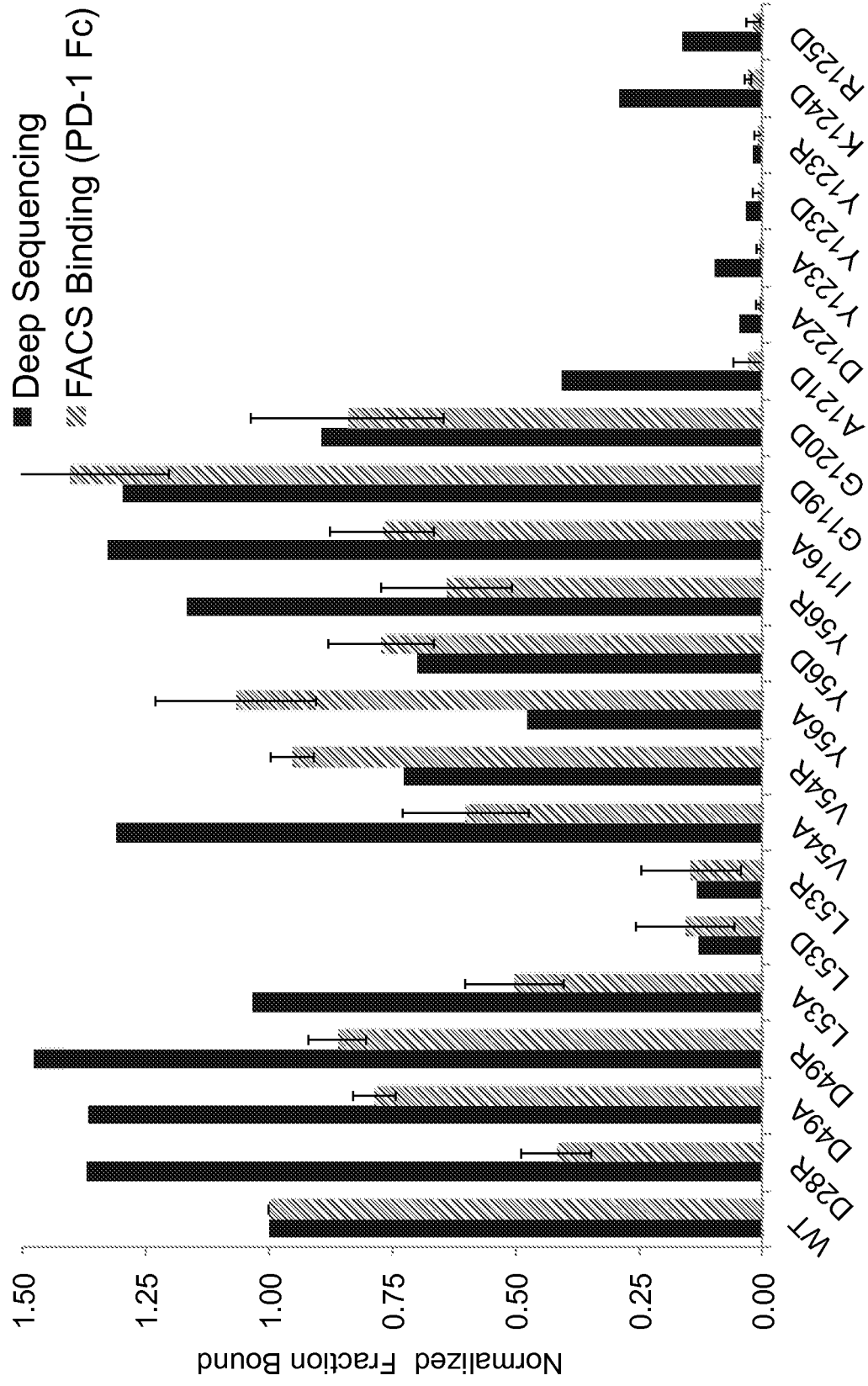


Fig. 19

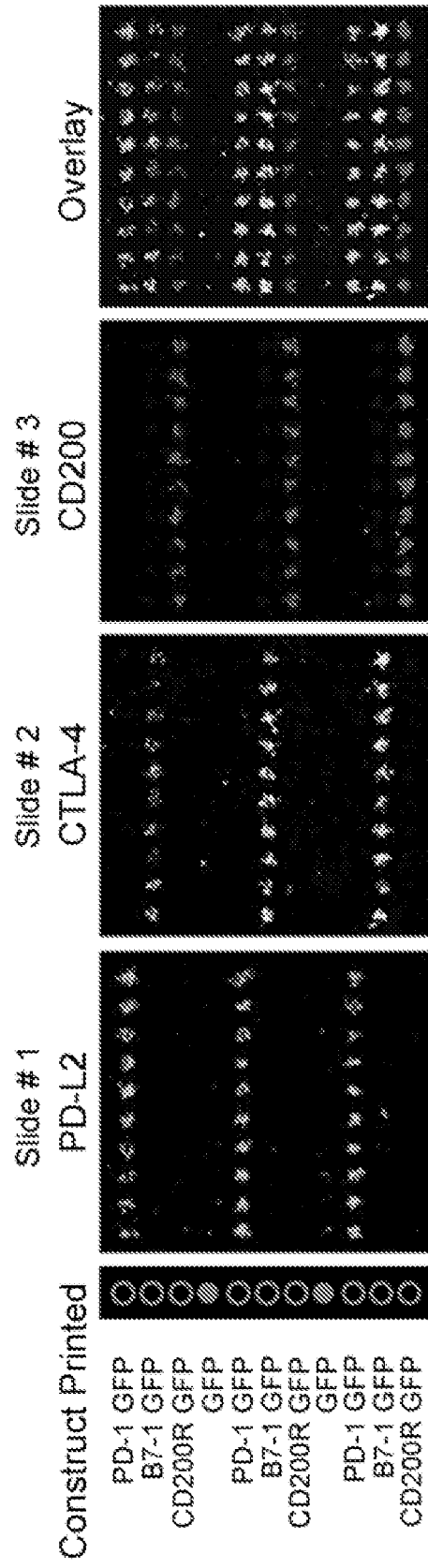


Fig. 20

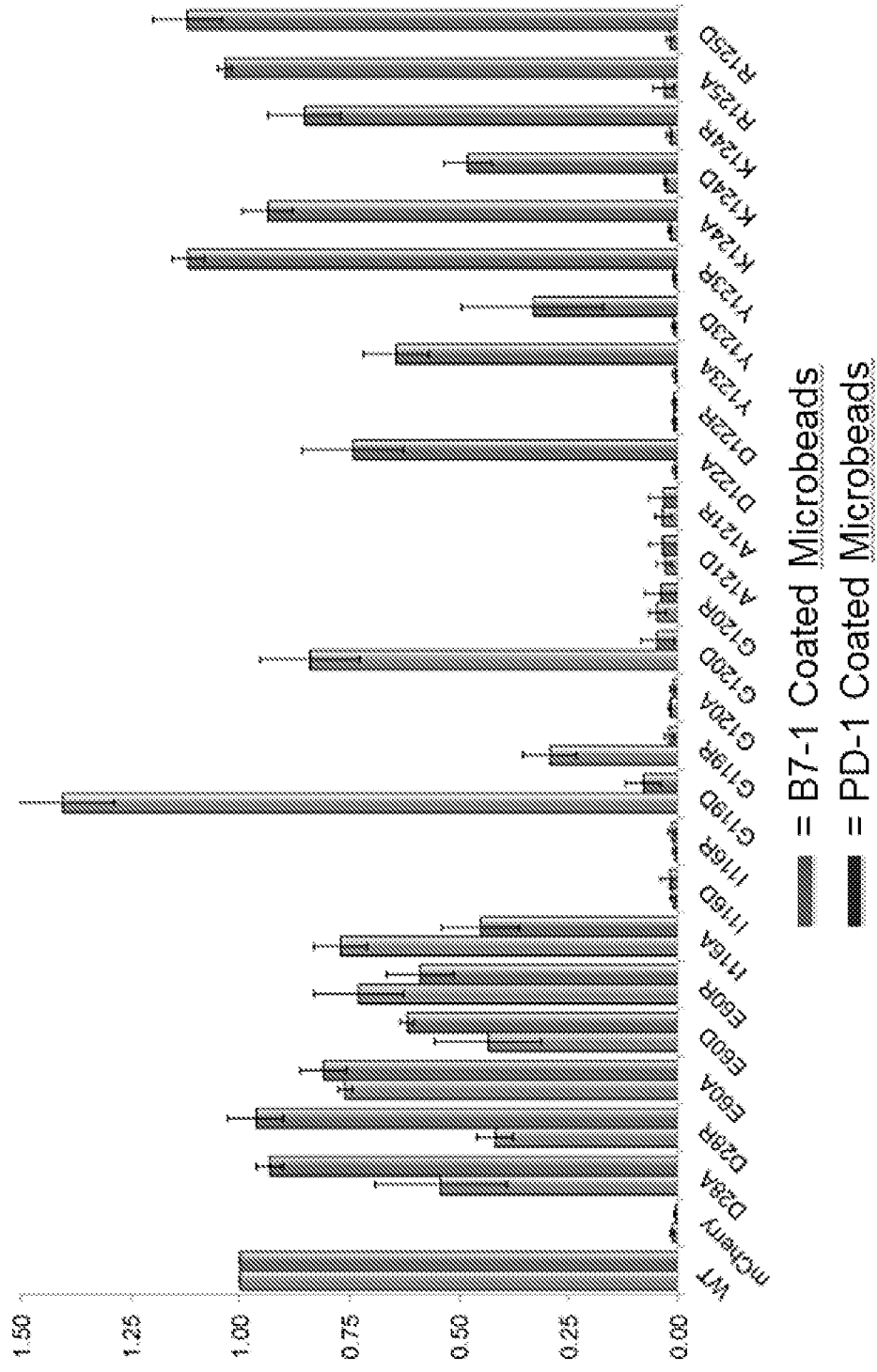


Fig. 21

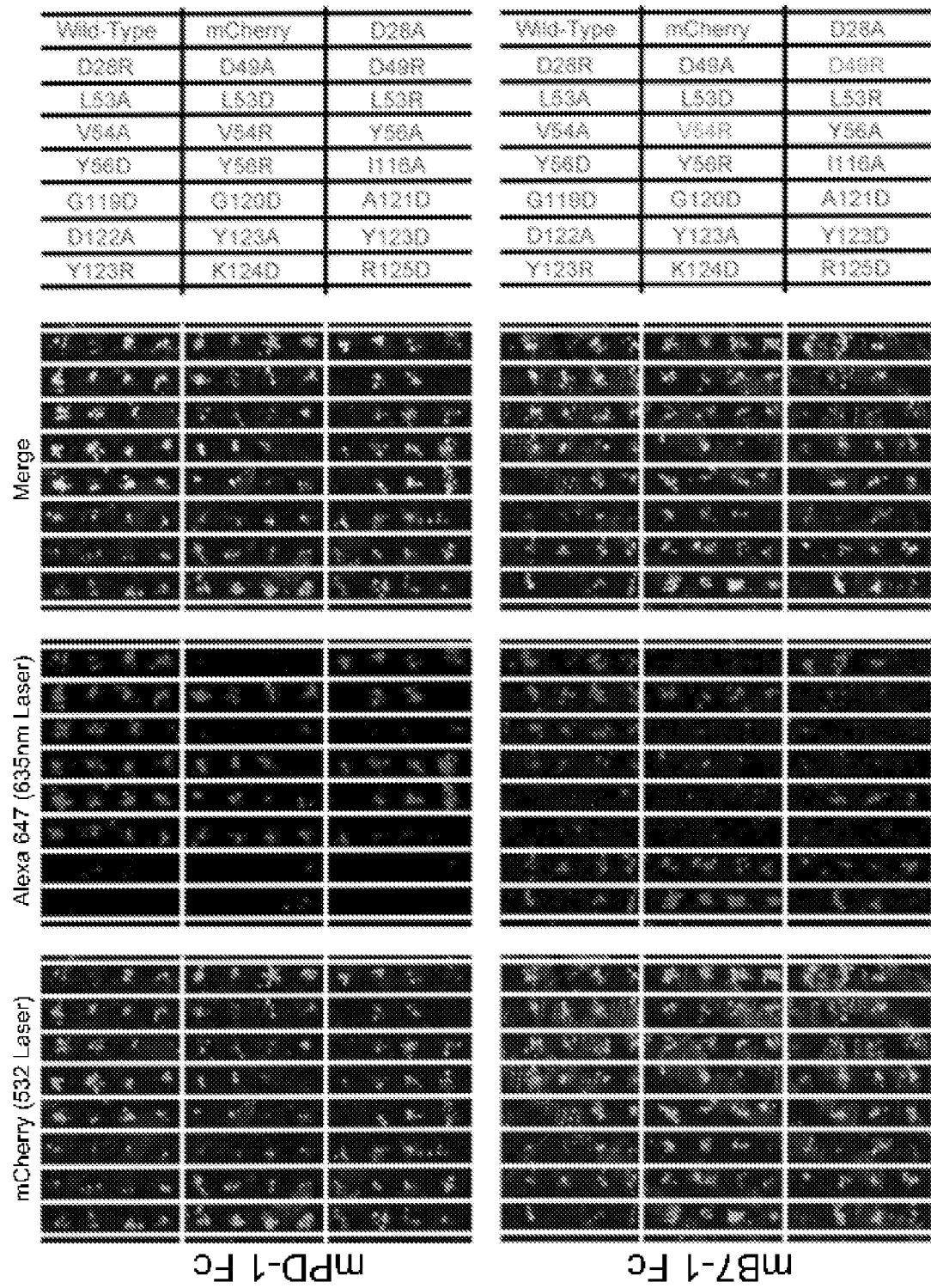
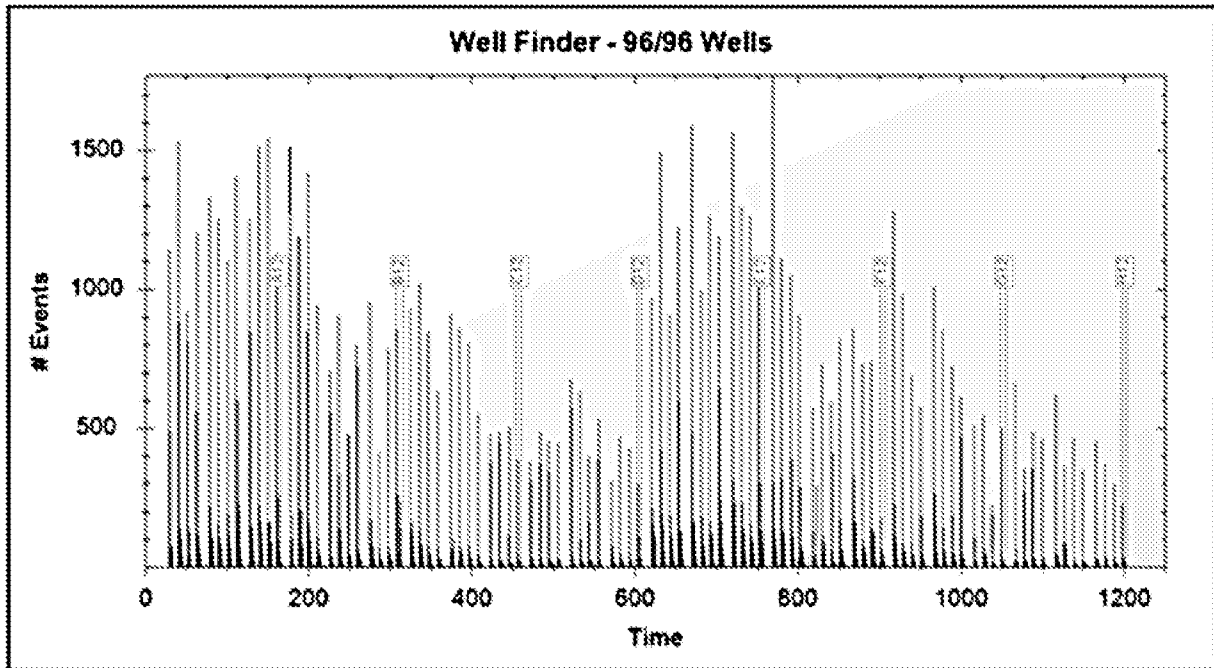


Fig. 22

A

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	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	

B



C

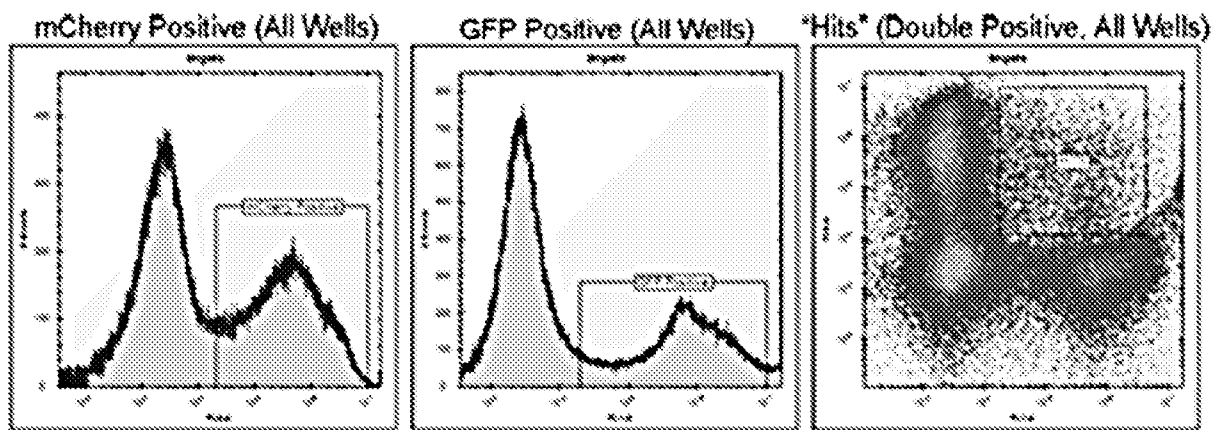
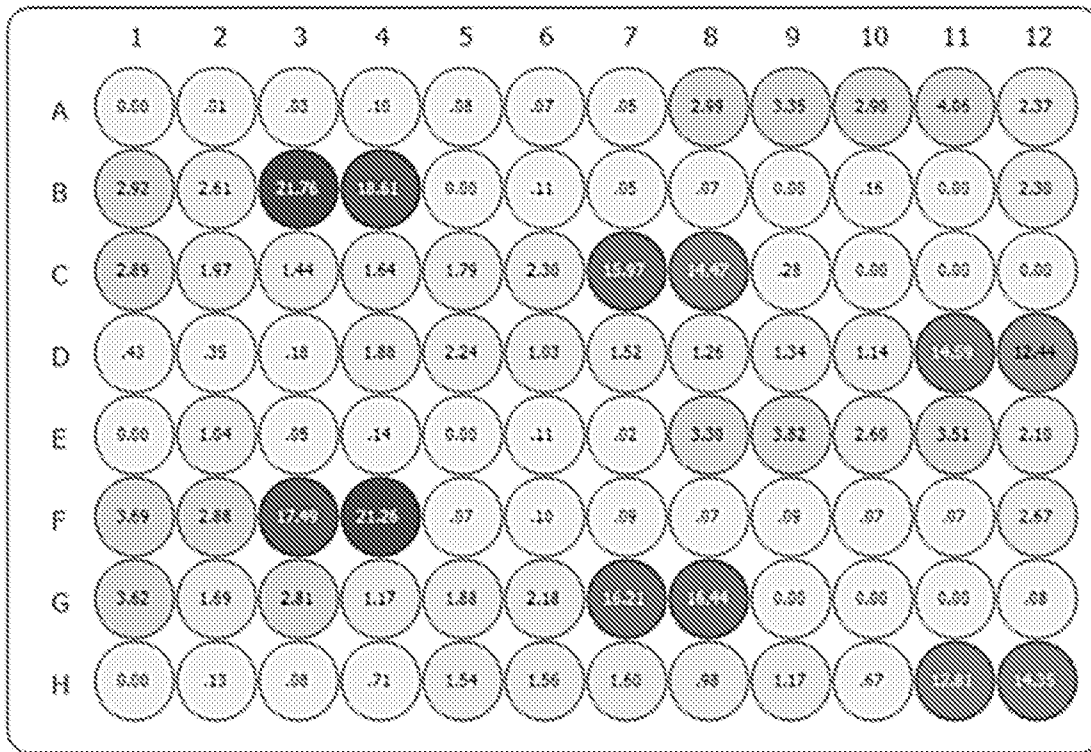


Fig. 23B-23C

D



E

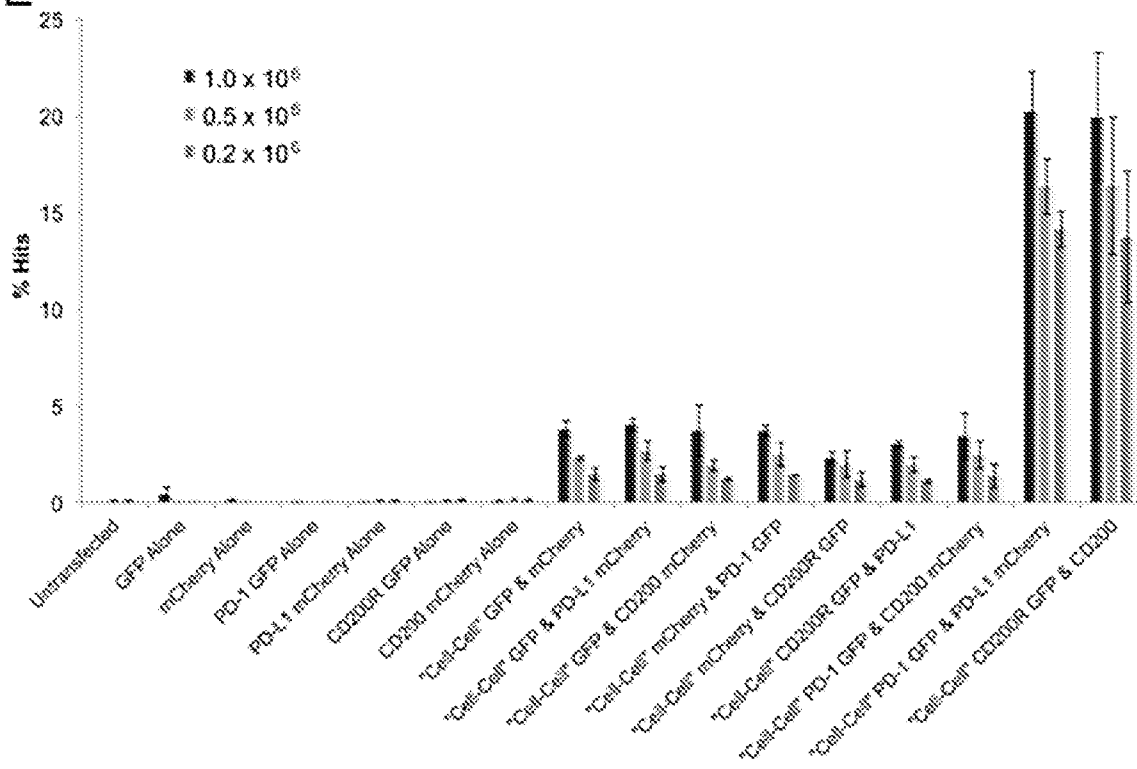


Fig. 23D-23E

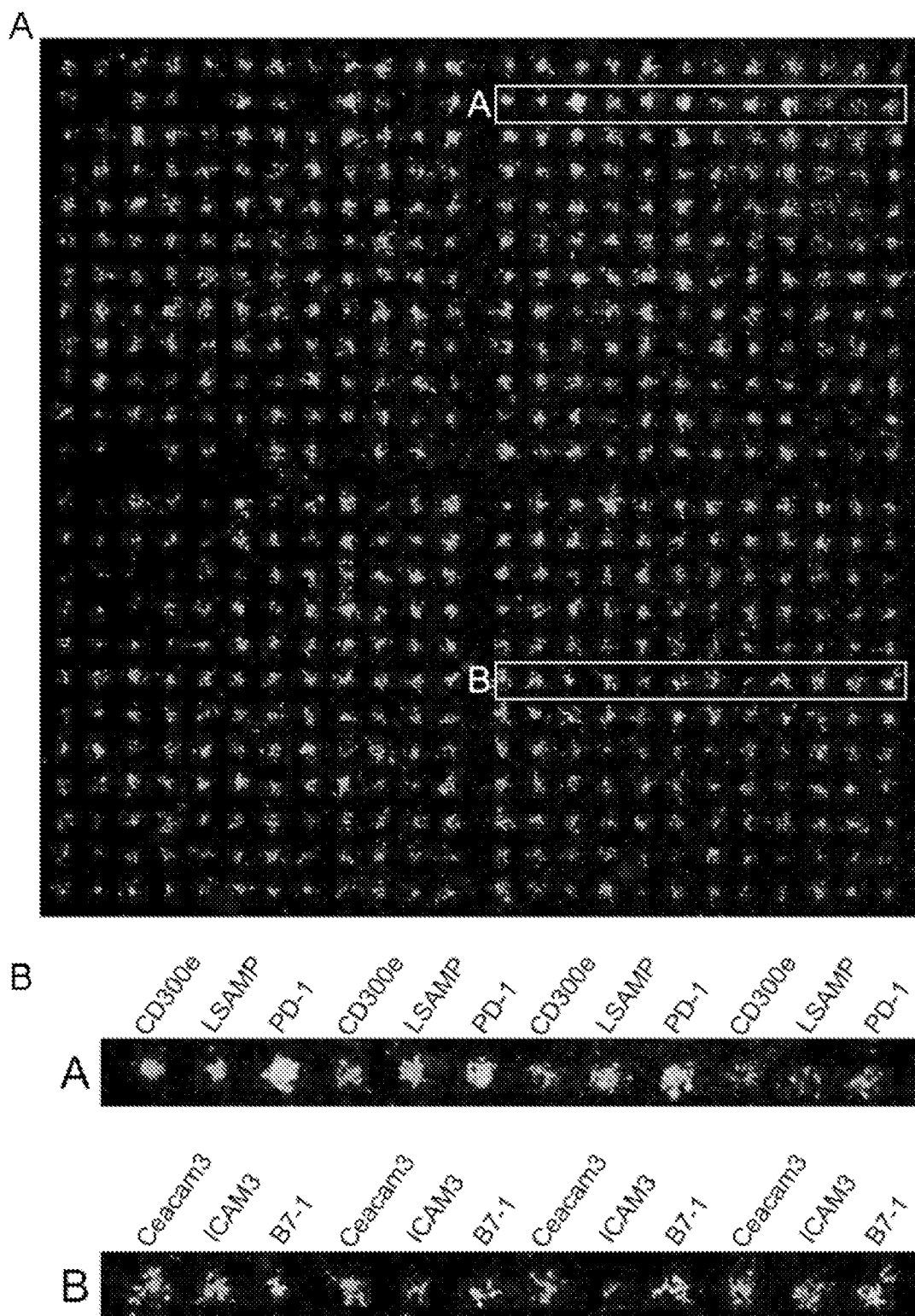


Fig. 24