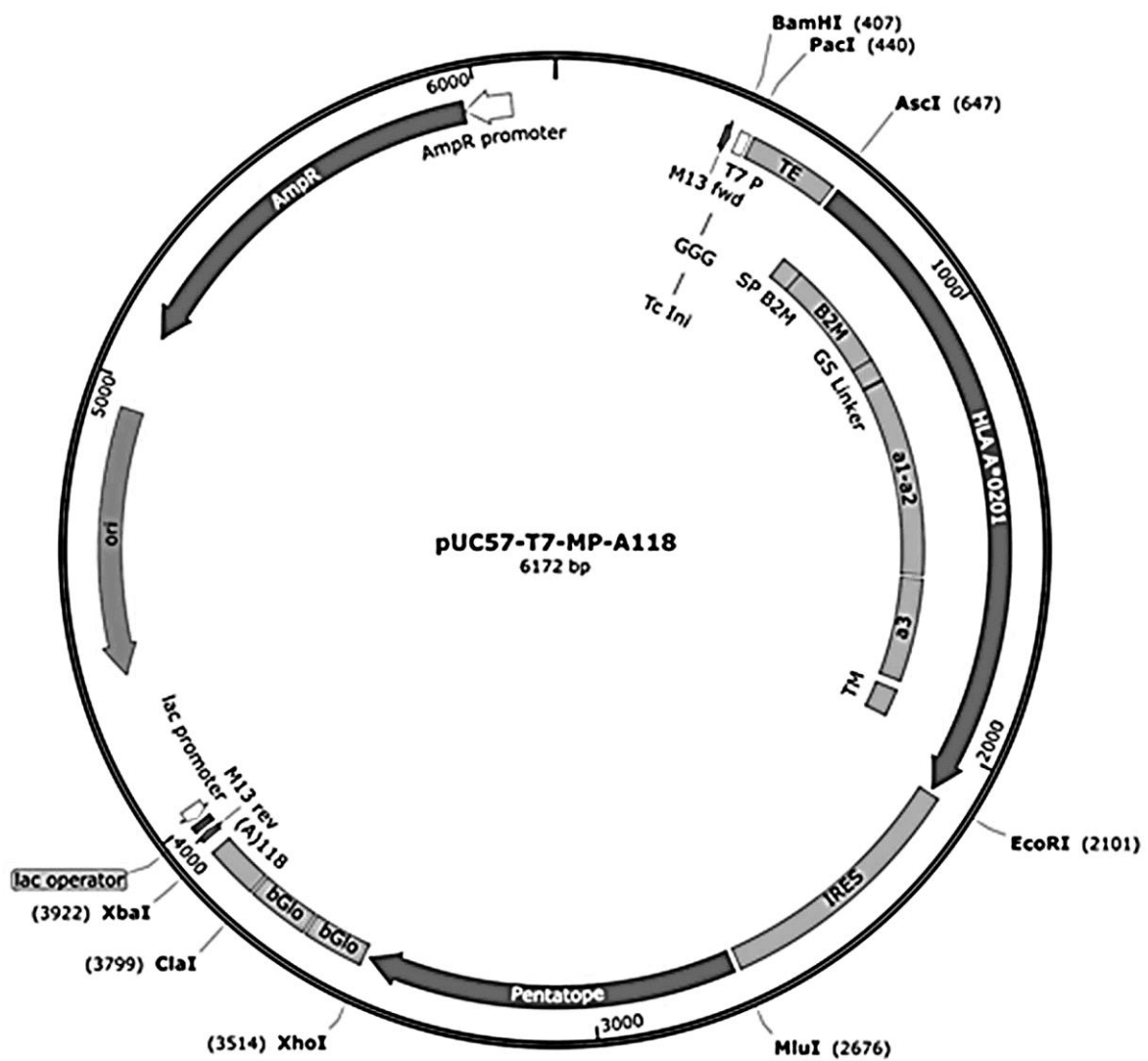
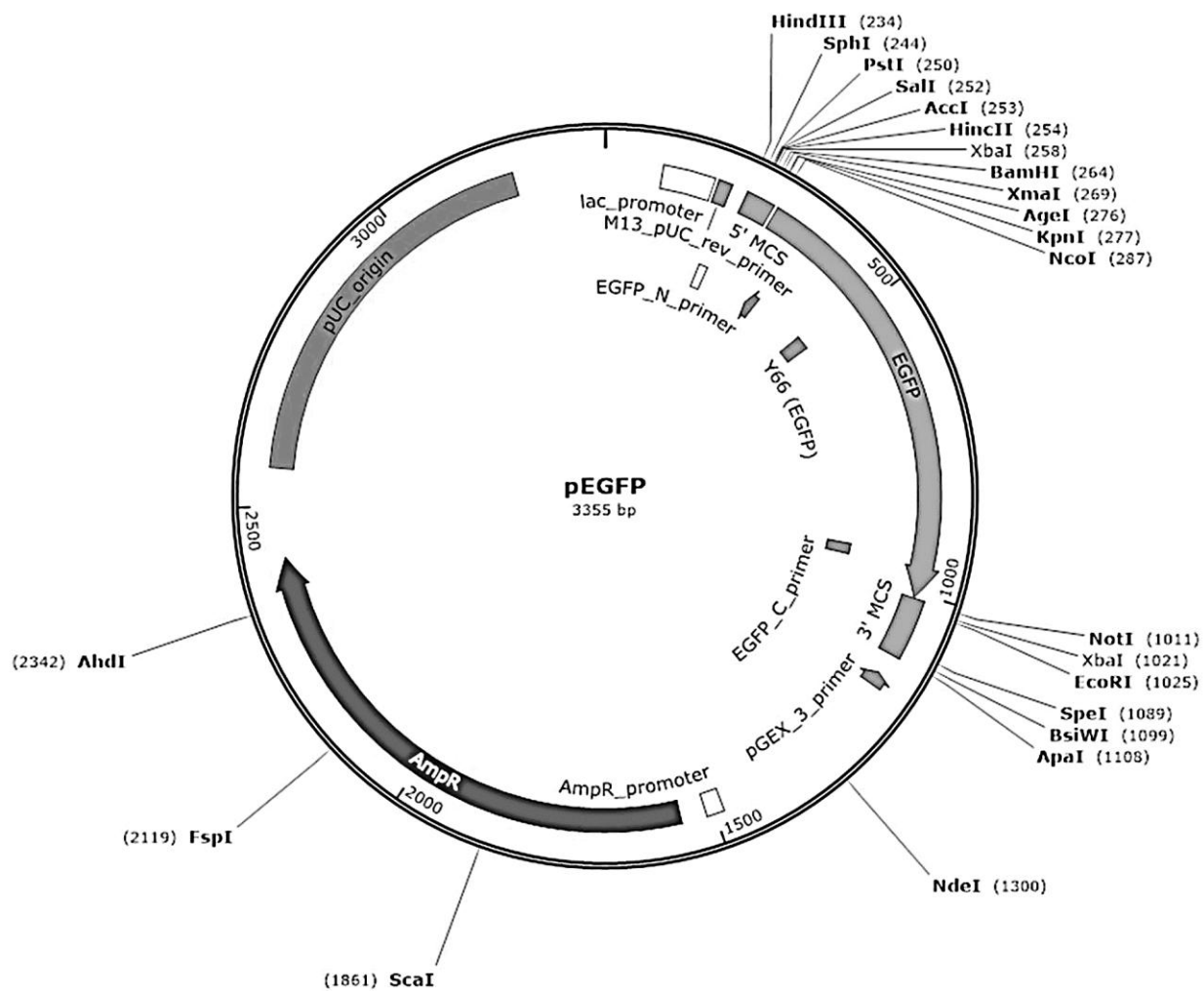


【DRAWINGS】

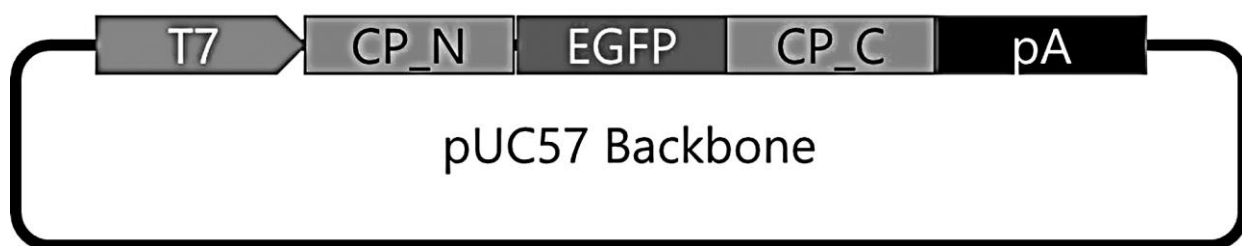
【FIG. 1】



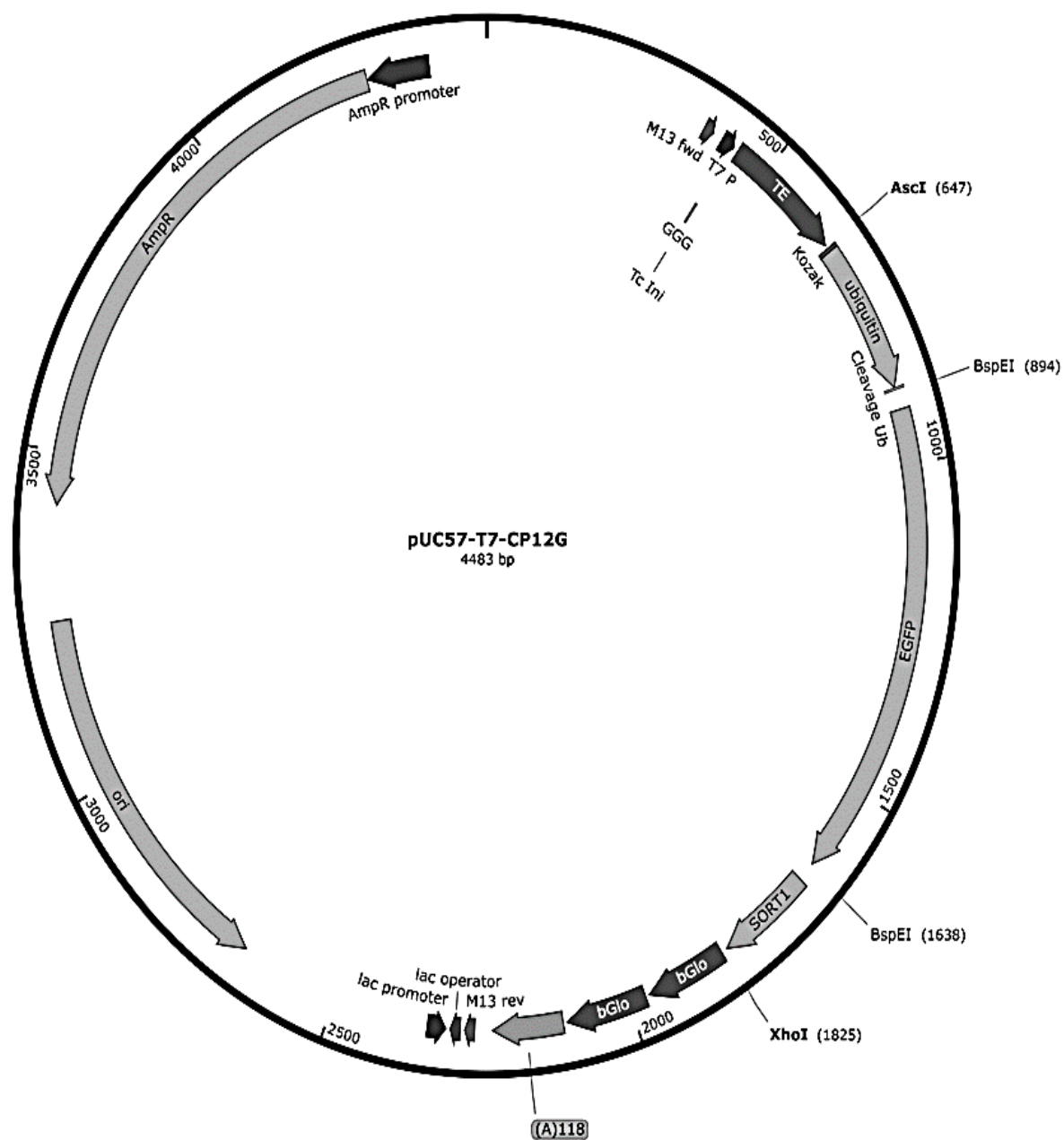
【FIG. 2】



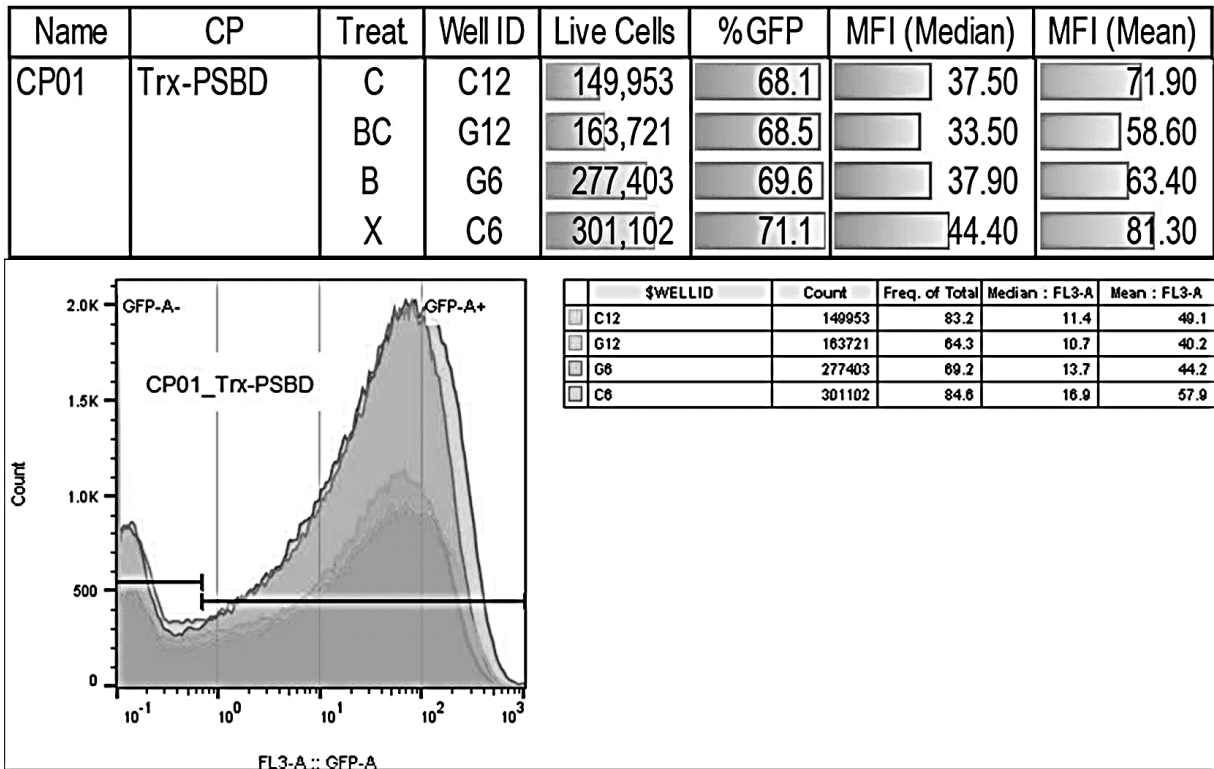
【FIG. 3】



【FIG. 4】

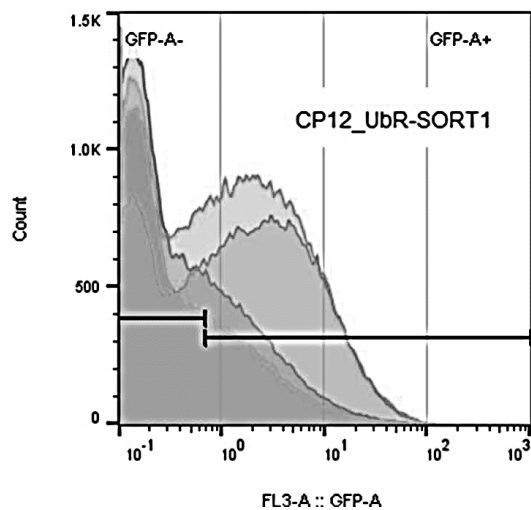


【FIG. 5a】



【FIG. 5b】

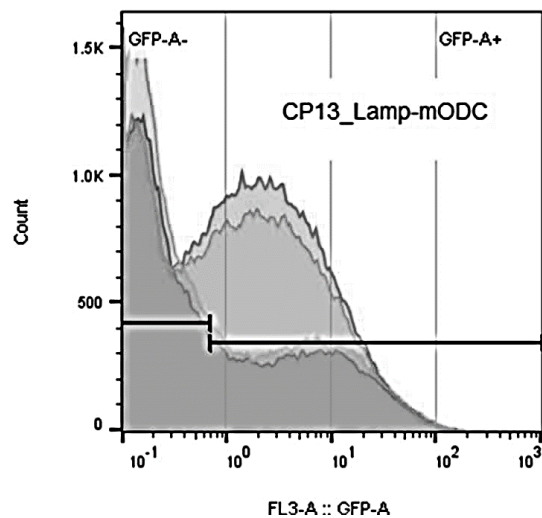
Name	CP	Treat	Well ID	Live Cells	%GFP	MFI (Median)	MFI (Mean)
CP12	UbR-SORT1	C	A8	126,732	14.9	1.86	4.44
CP12		BC	E8	201,451	36.7	3.05	6.26
CP12		B	E2	151,208	42.3	3.46	6.70
CP12		X	A2	152,316	17.6	1.90	4.45



	\$WELLID	Count	Freq. of Total	Median : FL3-A	Mean : FL3-A
	A8	126732	81.1	0.10	0.80
	E8	201451	66.5	0.20	2.40
	E2	151208	70.7	0.33	2.94
	A2	152316	81.4	0.10	0.92

【FIG. 5c】

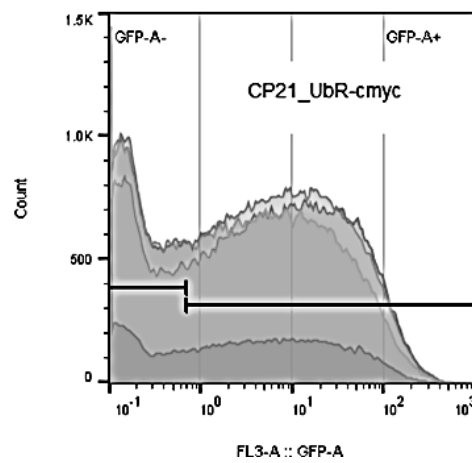
Name	CP	Treat	Well ID	Live Cells	%GFP	MFI (Median)	MFI (Mean)
CP13	Lamp-mODC	C	A9	178,248	21.7	5.42	12.30
CP13		BC	E9	199,359	37.6	3.38	7.72
CP13		B	E3	203,607	41.5	3.29	7.43
CP13		X	A3	142,220	24.4	5.40	12.50



	\$WELLID	Count	Freq. of Total	Median : FL3-A	Mean : FL3-A
	A9	178248	82.5	0.11	2.79
	E9	199359	64.7	0.20	3.01
	E3	203607	67.7	0.31	3.19
	A3	142220	80.0	0.13	3.17

【FIG. 5d】

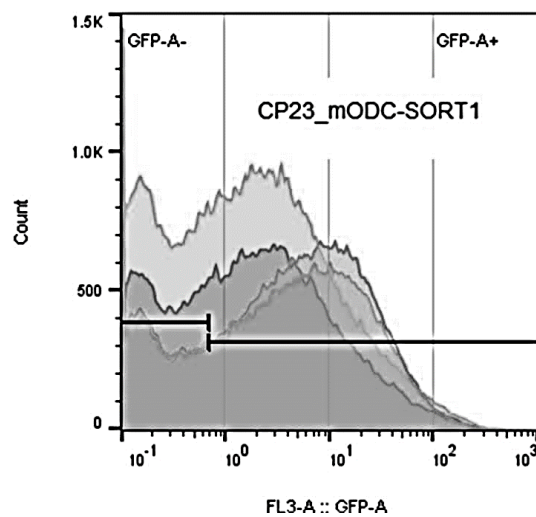
Name	CP	Treat	Well ID	Live Cells	% GFP	MFI (Median)	MFI (Mean)
CP21	UbR-cmyc	C	B8	187,310	47.7	7.91	23.10
CP21		BC	F8	200,360	51.2	9.35	26.20
CP21		B	F2	181,133	53.3	10.50	28.00
CP21		X	B2	47,453	50.4	8.78	25.20



	\$WELLID	Count	Freq. of Total	Median : FL3-A	Mean : FL3-A
	B8	187310	83.8	0.55	11.1
	F8	200360	85.1	0.81	13.5
	F2	181133	88.4	1.07	15.0
	B2	47453	77.5	0.74	12.8

【FIG. 5e】

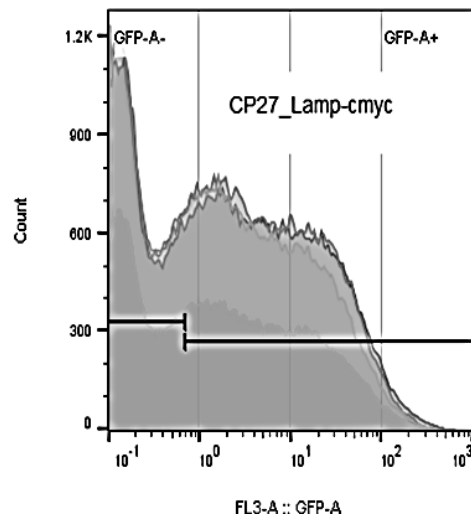
Name	CP	Treat	Well ID	Live Cells	%GFP	MFI (Median)	MFI (Mean)
CP23	mODC-SORT1	C	C7	175,233	48.8	3.72	12.80
CP23		BC	G7	101,622	60.2	7.22	16.20
CP23		B	G1	110,469	61.2	7.40	15.90
CP23		X	C1	119,840	50.1	3.76	12.70



	\$WELLID	Count	Freq. of Total	Median : FL3-A	Mean : FL3-A
	C7	175233	85.0	0.65	6.33
	G7	101622	63.9	1.87	9.83
	G1	110469	66.8	2.08	9.78
	C1	119840	79.8	0.71	6.44

【FIG. 5f】

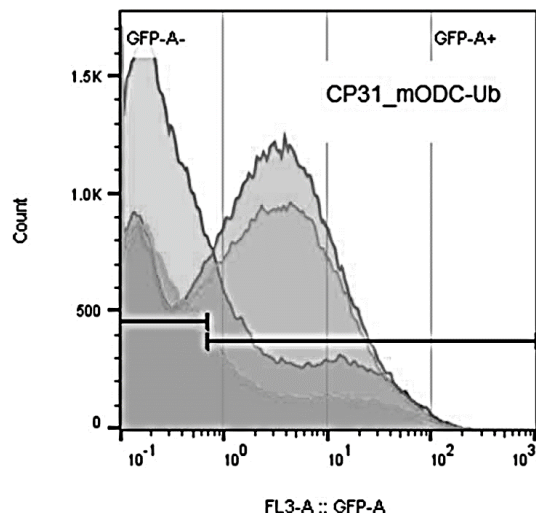
Name	CP	Treat	Well ID	Live Cells	%GFP	MFI (Median)	MFI (Mean)
CP27	Lamp-cmyc	C	D8	111,312	38.6	5.49	17.70
CP27		BC	H8	204,402	38.6	5.12	16.00
CP27		B	H2	211,743	41.1	5.94	17.80
CP27		X	D2	202,646	42.2	6.41	20.60



	\$WELLID	Count	Freq. of Total	Median : FL3-A	Mean : FL3-A
	D8	111312	79.8	0.20	6.95
	H8	204402	64.5	0.19	6.29
	H2	211743	67.5	0.23	7.42
	D2	202646	81.8	0.26	8.76

【FIG. 5g】

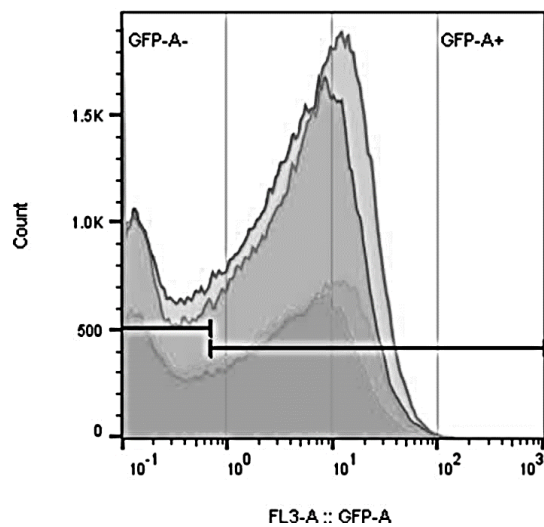
Name	CP	Treat	Well ID	Live Cells	%GFP	MFI (Median)	MFI (Mean)
CP31	mODC-Ub	C	A10	97,174	21.9	3.54	13.40
CP31		BC	E10	174,890	49.7	4.17	9.26
CP31		B	E4	195,614	53.2	4.00	9.20
CP31		X	A4	186,819	24.5	3.95	14.00



	\$WELLID	Count	Freq. of Total	Median : FL3-A	Mean : FL3-A
	A10	97174	76.8	0.16	3.08
	E10	174890	68.0	0.68	4.69
	E4	195614	64.5	0.93	4.98
	A4	186819	77.4	0.18	3.57

【FIG. 5h】

Name	CP	Treat	Well ID	Live Cells	%GFP	MFI (Median)	MFI (Mean)
CP33	mODC-Lamp	C	A12	108,088	48.0	4.87	7.57
CP33		BC	E12	120,147	50.2	6.79	10.30
CP33		B	E6	254,257	55.9	7.60	10.90
CP33		X	A6	240,197	53.6	5.56	8.58

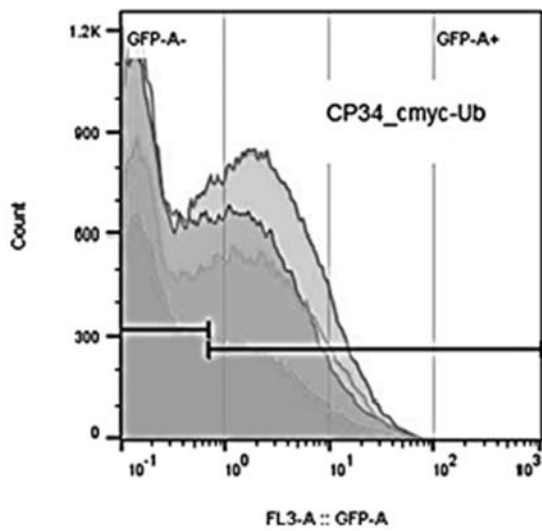


	\$WELLID	Count	Freq. of Total	Median : FL3-A	Mean : FL3-A
	A12	108088	82.4	0.57	3.72
	E12	120147	84.5	0.72	5.28
	E6	254257	89.9	1.44	6.18
	A6	240197	84.9	1.04	4.68

CP33_mODC-Lamp

【FIG. 5i】

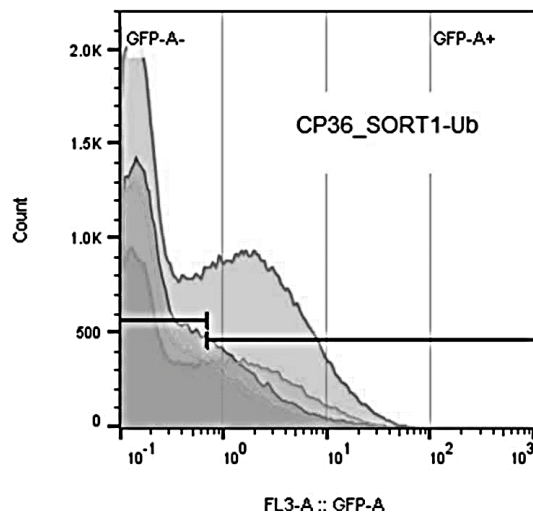
Name	CP	Treat	Well ID	Live Cells	%GFP	MFI (Median)	MFI (Mean)
CP34	cmyc-Ub	C	B10	81,117	22.9	2.22	4.52
CP34		BC	F10	129,620	32.6	2.74	5.52
CP34		B	F4	183,938	35.3	2.79	5.40
CP34		X	B4	157,702	29.2	2.37	4.88



	\$WELLID	Count	Freq. of Total	Median : FL3-A	Mean : FL3-A
	B10	81117	77.3	0.12	1.16
	F10	129620	67.4	0.17	1.92
	F4	183938	64.1	0.20	2.02
	B4	157702	75.6	0.15	1.55

【FIG. 5j】

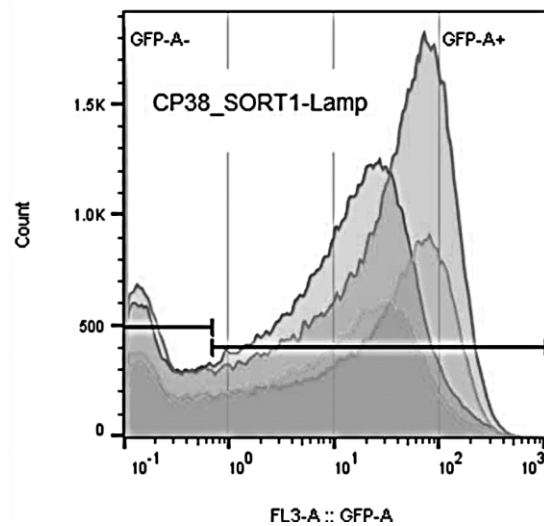
Name	CP	Treat	Well ID	Live Cells	%GFP	MFI (Median)	MFI (Mean)
CP36	SORT1-Ub	C	B12	129,075	9.6	1.53	3.45
CP36		BC	F12	110,453	22.0	2.33	4.40
CP36		B	F6	264,871	25.0	2.50	4.78
CP36		X	B6	146,026	13.6	1.65	3.85



	\$WELLID	Count	Freq. of Total	Median : FL3-A	Mean : FL3-A
	B12	129075	77.3	0.10	0.47
	F12	110453	67.6	0.10	1.09
	F6	264871	69.7	0.11	1.31
	B6	146026	79.5	0.10	0.66

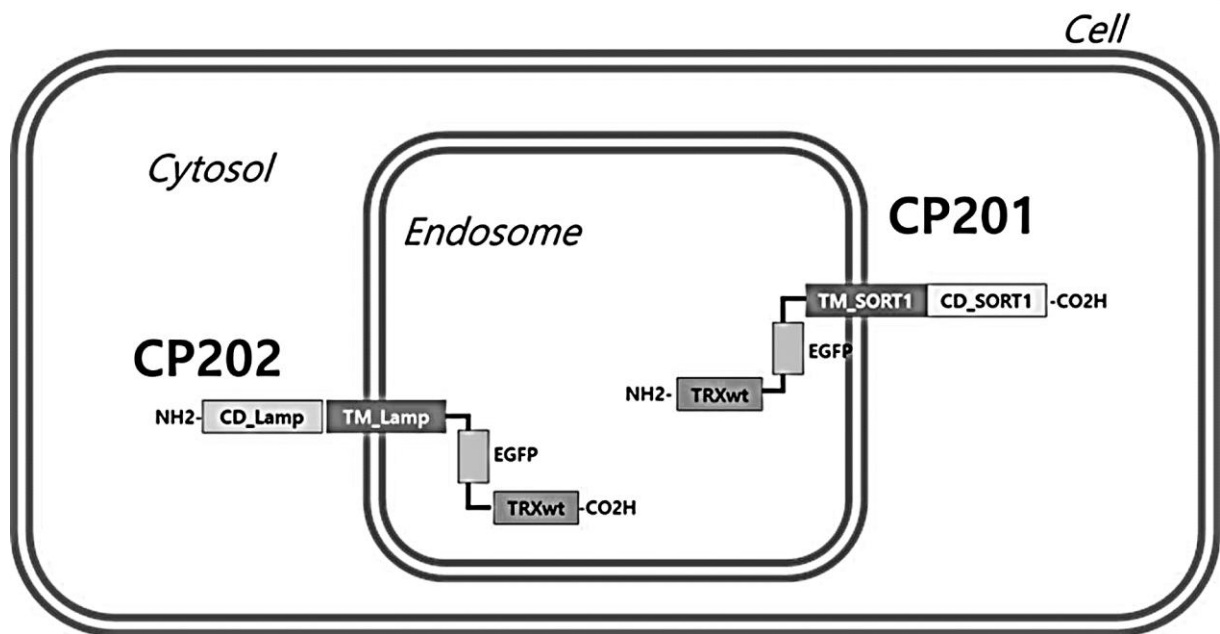
【FIG. 5k】

Name	CP	Treat	Well ID	Live Cells	%GFP	MFI (Median)	MFI (Mean)
CP38	SORT1-Lamp	C	C11	86,187	63.1	16.70	29.70
CP38		BC	G11	108,693	66.8	37.90	55.40
CP38		B	G5	205,437	67.6	40.30	57.20
CP38		X	C5	173,365	63.7	15.60	28.40

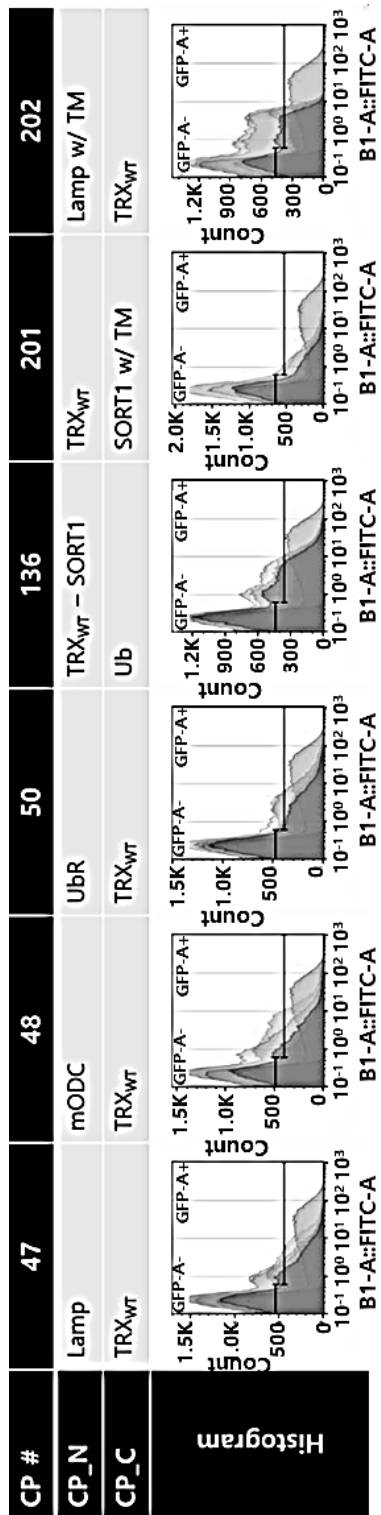


	\$WELLID	Count	Freq. of Total	Median : FL3-A	Mean : FL3-A
	C11	86187	84.2	3.99	18.8
	G11	108693	62.0	9.76	37.1
	G5	205437	64.5	12.1	38.7
	C5	173365	79.0	4.30	18.2

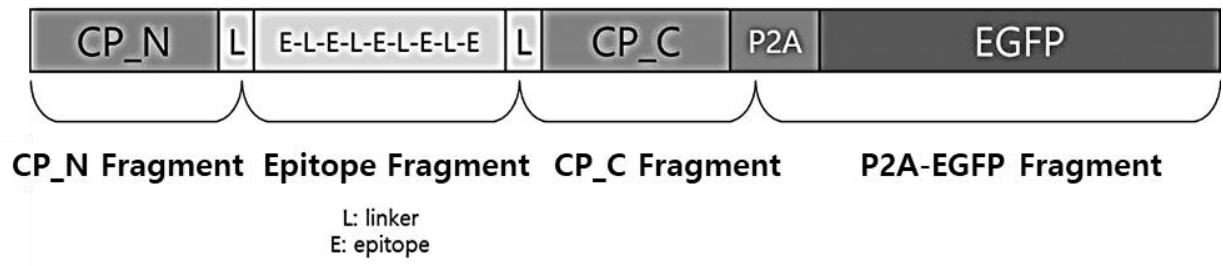
【FIG. 6】



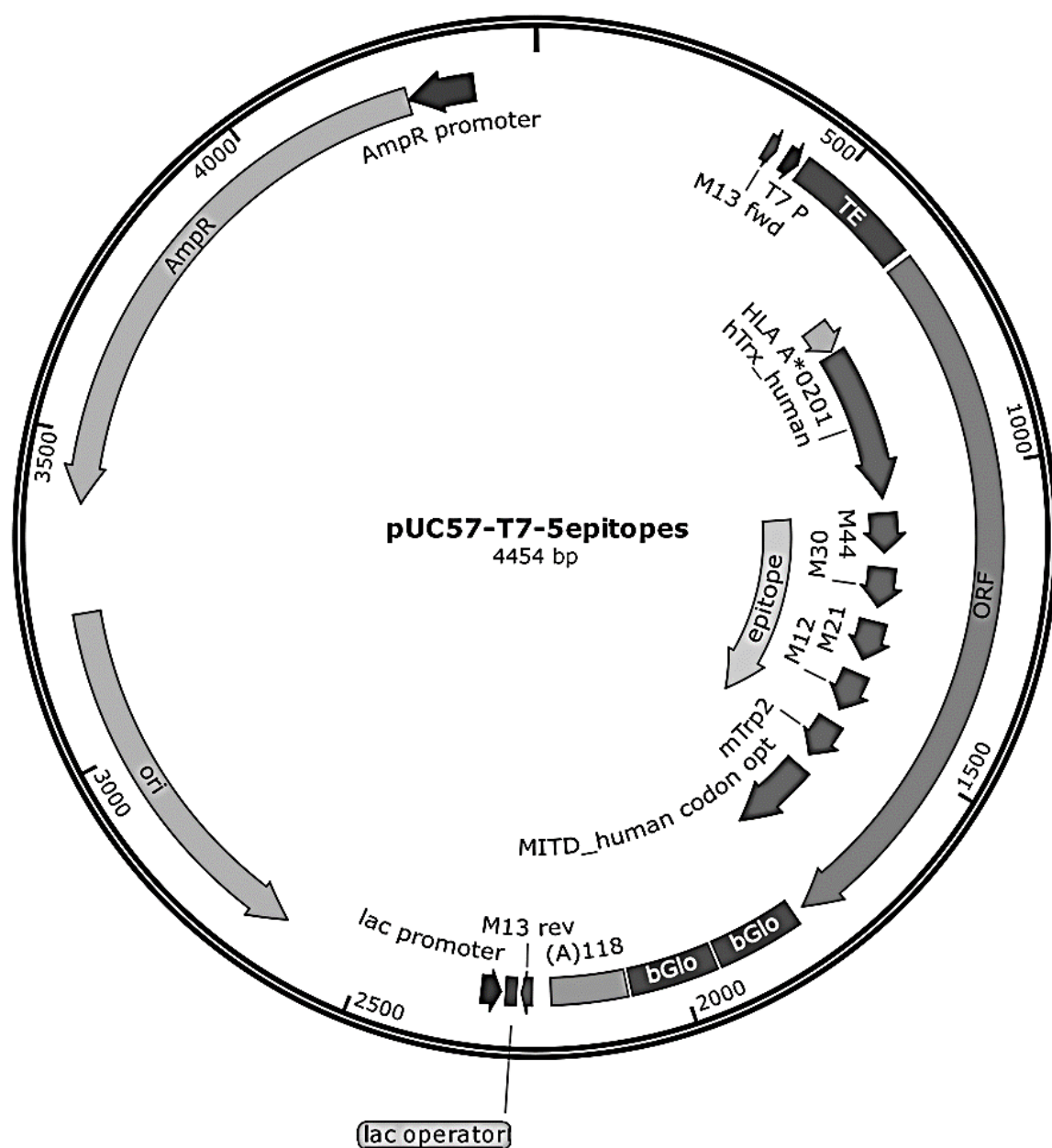
【FIG. 7】



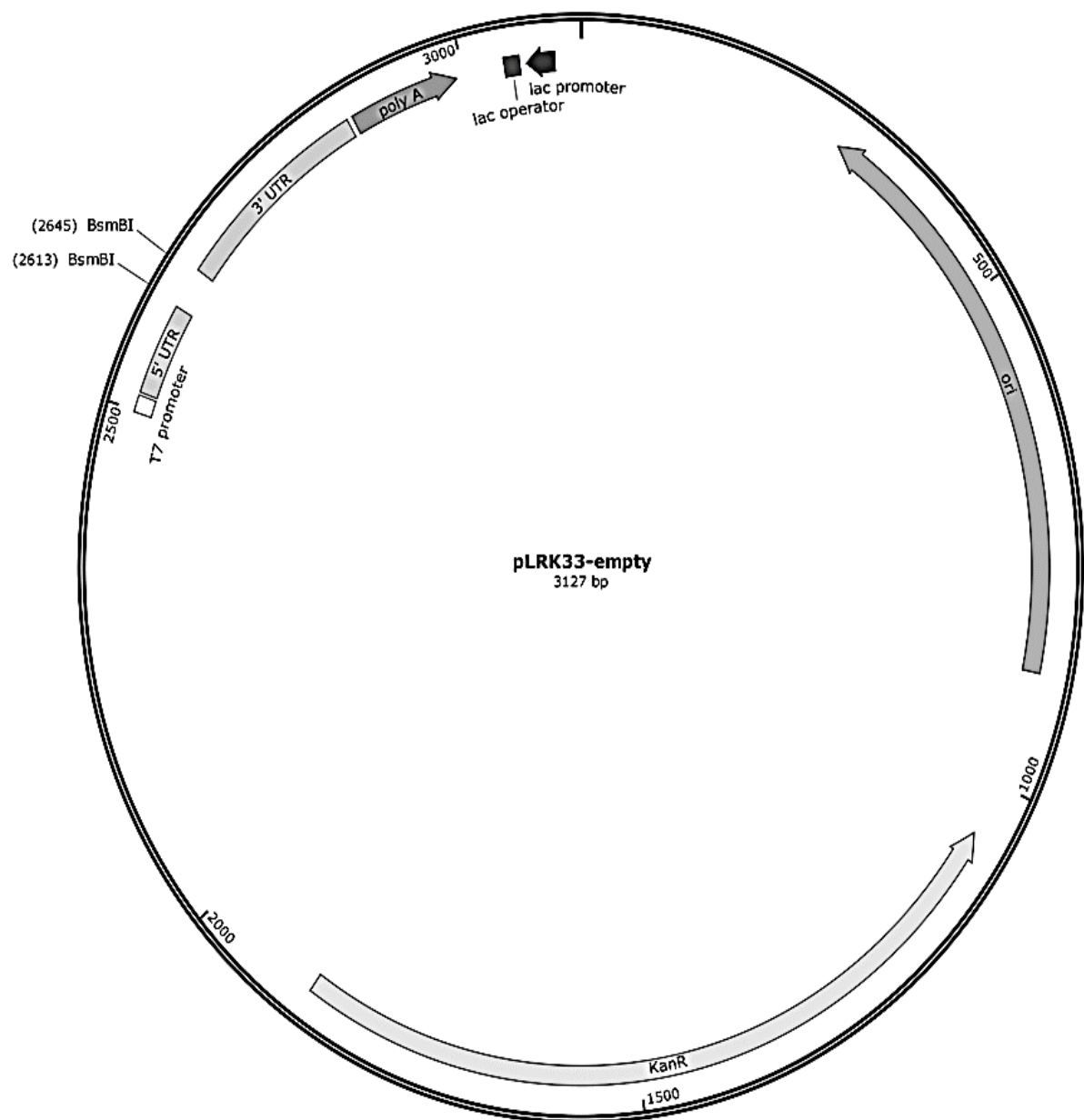
【FIG. 8】



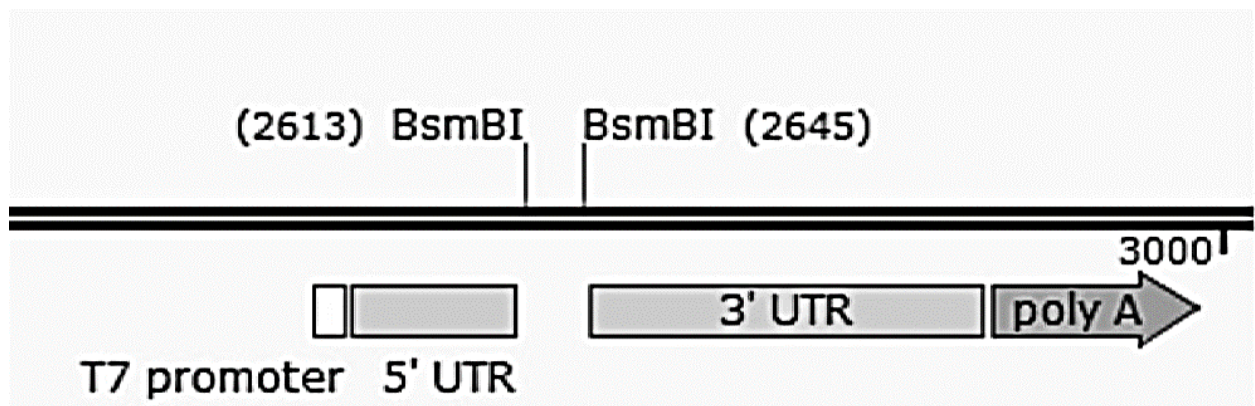
【FIG. 9】



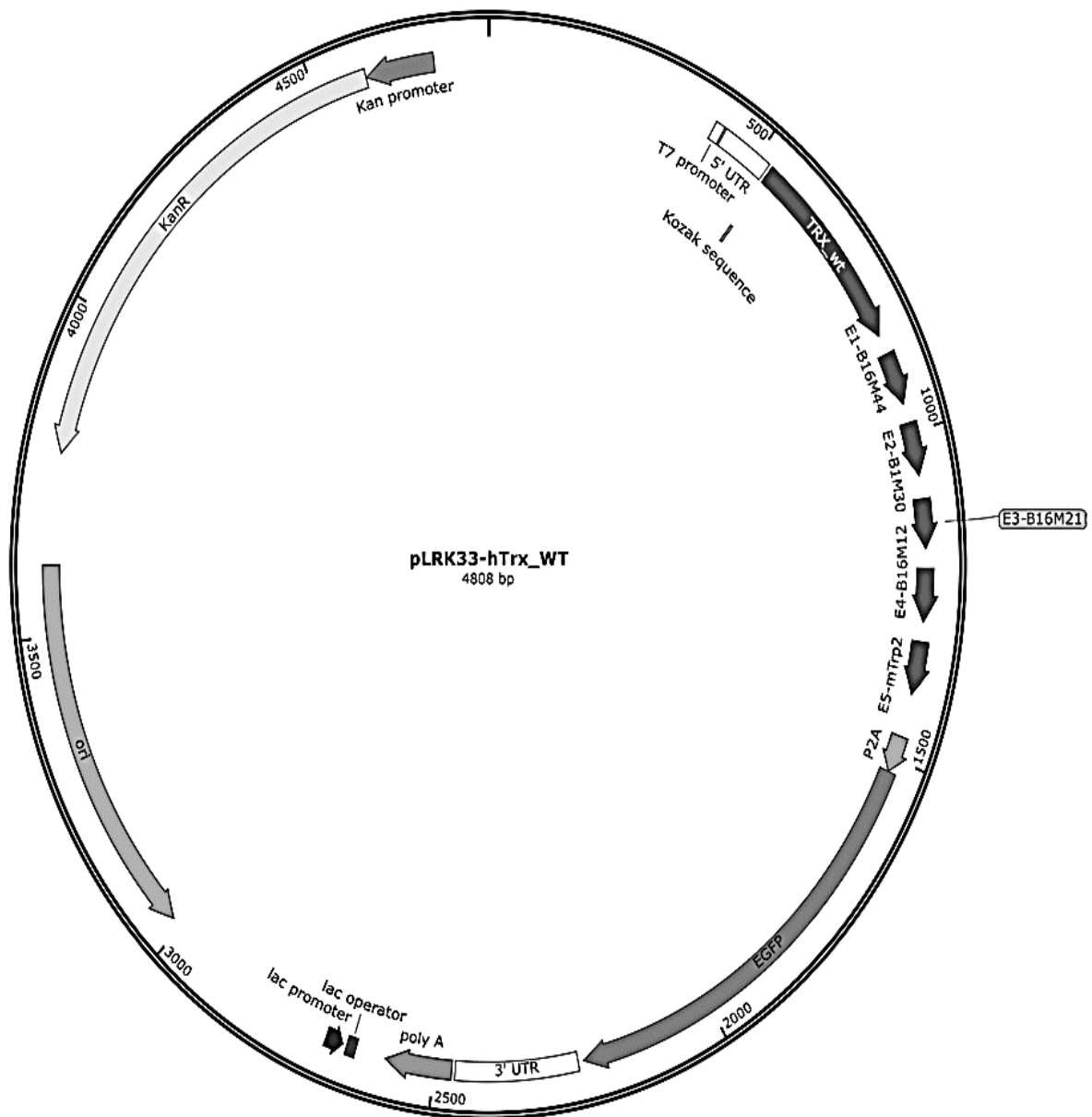
【FIG. 10】



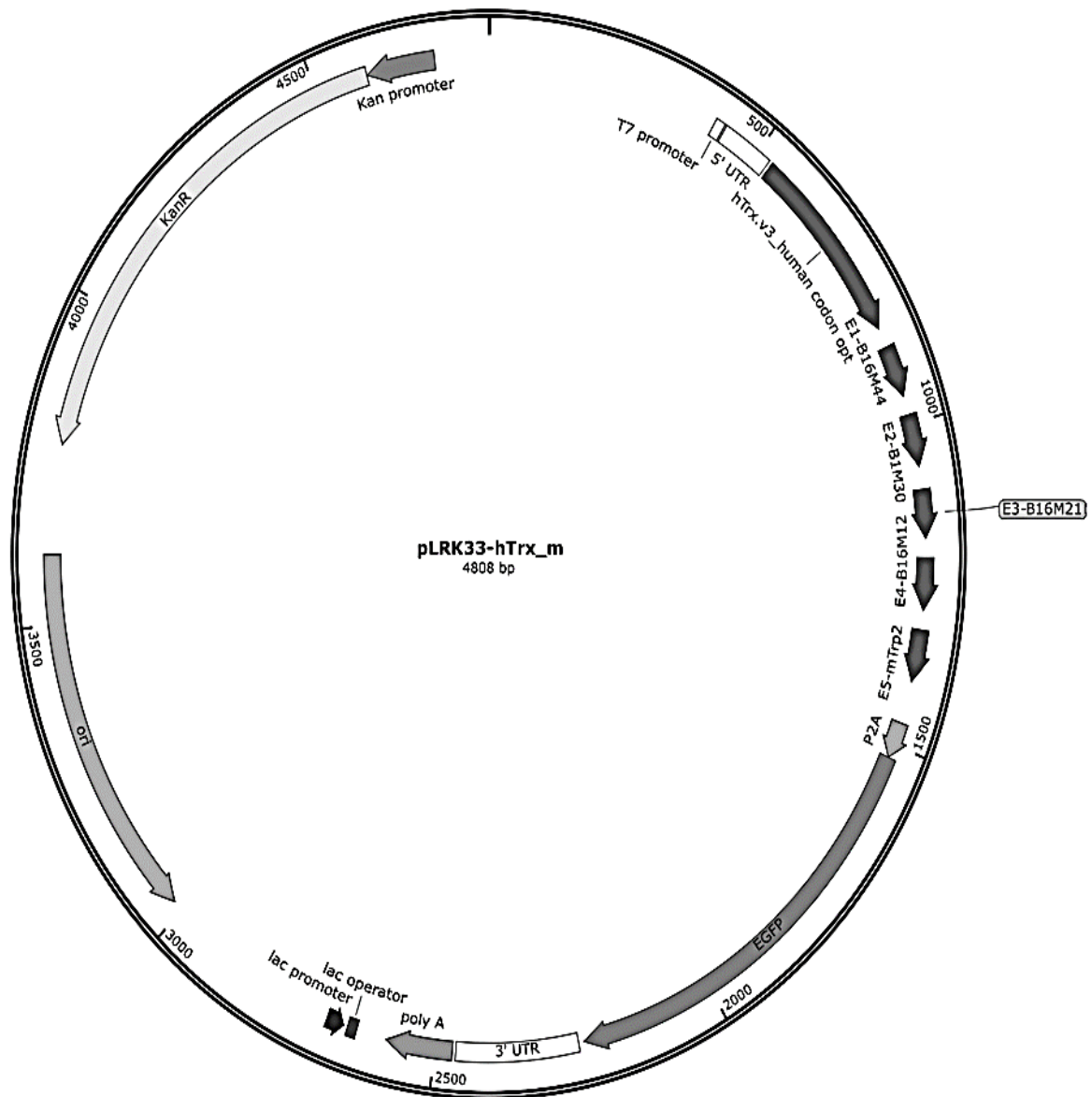
【FIG. 11】



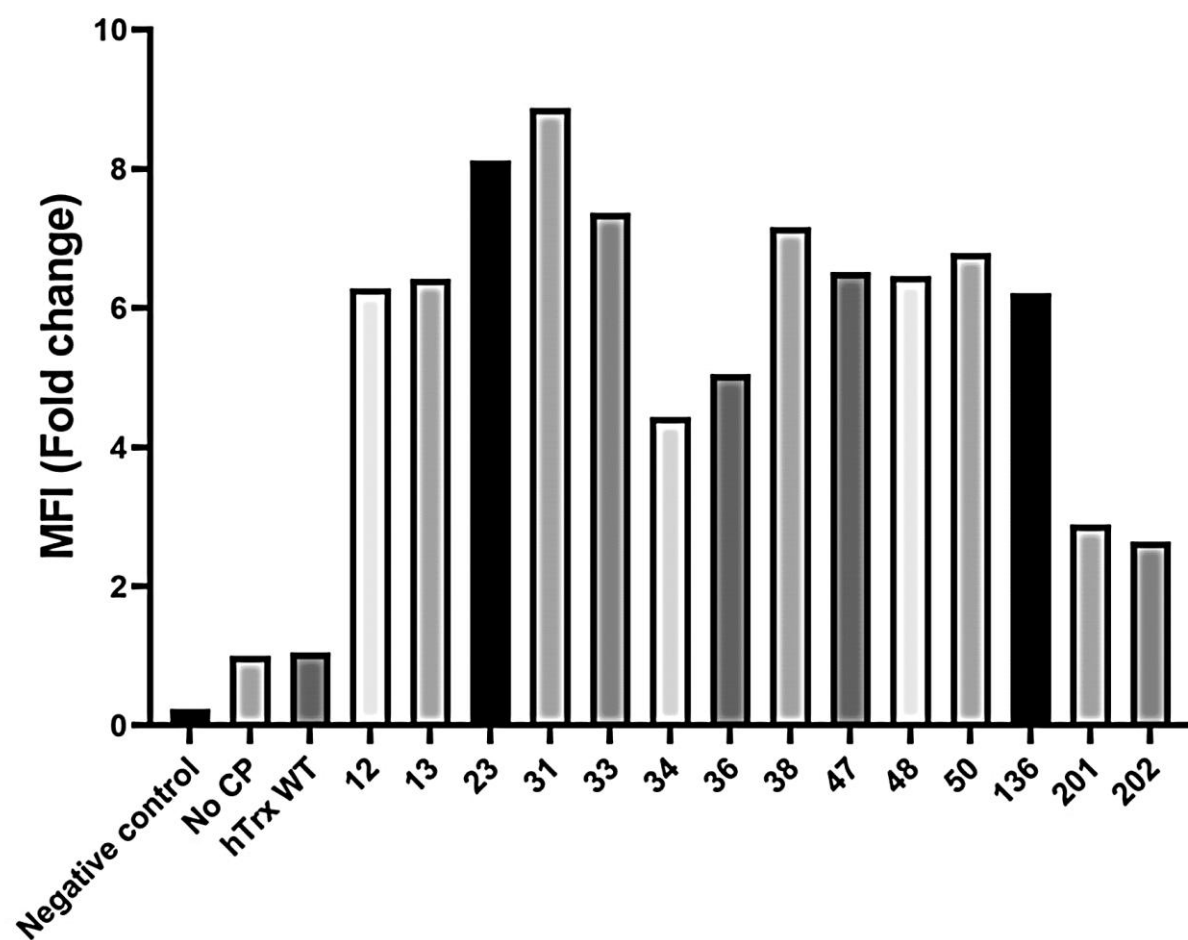
【FIG. 12】



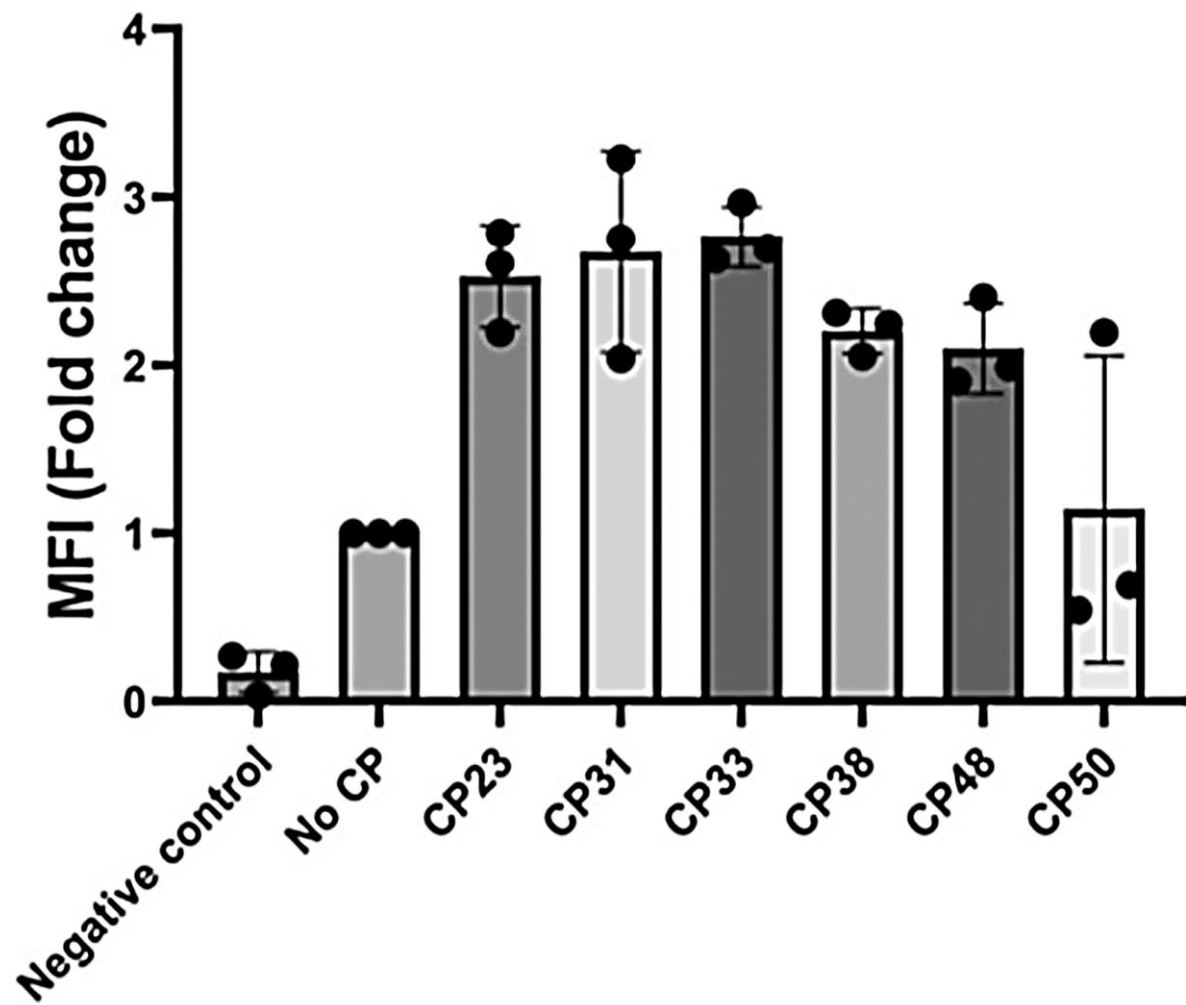
【FIG. 13】



【FIG. 14】



【FIG. 15】



【FIG. 16】

