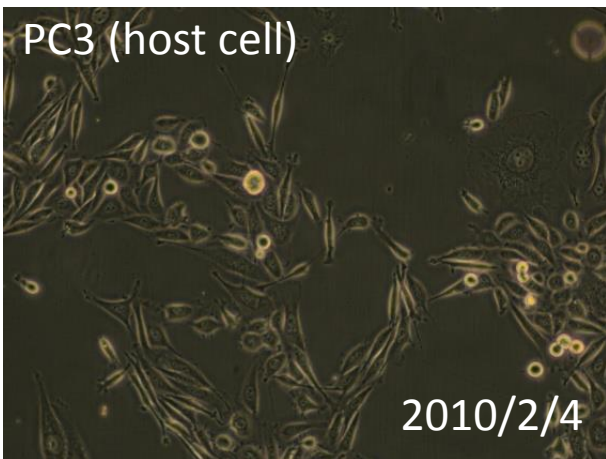
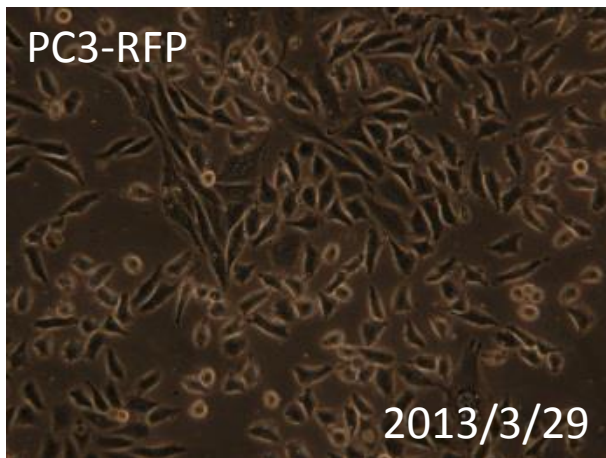


## 要旨

MDA-MB-231-RFP細胞は、ヒト前立腺がん由来MDA-MB-231細胞に対して、赤色蛍光タンパク質 (DsRed2) 遺伝子を含むレトロウイルスベクターpLNCX2による遺伝子組換えを行って作製した細胞である。顕微鏡観察から、蛍光を発する細胞の割合は、100%であった。Short tandem repeats (STR)-PCR法による解析では、JCRB、ATCC等のPC3と同一と認証された。

## Microscopic images



## STR-profile

KBN0111

### Summary (Cell No. : KBN0111\_09)

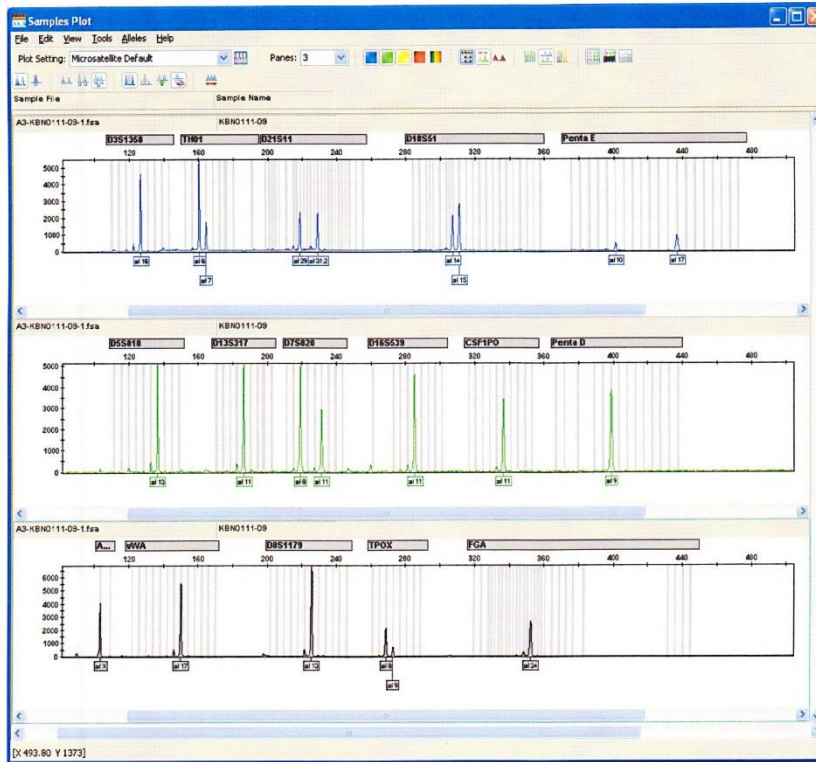
It was confirmed that the cell (Cell No. : KBN0111\_09, Cell Name: cell-023) was the same as the cell registered in JCRB (JCRB1406 PC-3-Luc, JCRB9110 PC-3), the cell registered in DSMZ (ACC465 PC-3), the cell registered in ATCC (CRL-1435 PC-3), and the cell registered in RCB (RCB2145 PC-3), by the comparison with the database of JCRB Cell Bank.

Furthermore, it was confirmed that this cell was the same as that also of KBN0111\_04 (Cell Name: cell-018) and KBN0111\_05 (Cell Name: cell-019).

STR-profile

KBN0111

Peak report (Cell No. : KBN0111\_09)



STR Profile (Cell No. : KBN0111\_09)

D3S1358	TH01	D21S11	D18S51	Penta E	D5S818	D13S317	D7S820
16	6,7	29,31.2	14,15	10,17	13	11	8,11
D16S539	CSF1PO	Penta D	AM	VWA	D8S1179	TPOX	FGA
11	11	9	X	17	13	8,9	24

Comparison with database (Cell No. : KBN0111\_09)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	VWA	TH01	AM	TPOX	CSF1PO
KBN0111-09	cell-023	03252013	1.000	13	11	8,11	11	17	6,7	X	8,9	11
JCRB1406	PC-3-Luc	05022011	1.000	13	11	8,11	11	17	6,7	X	8,9	11
ACC465	PC-3	-----	1.000	13	11	8,11	11	17	6,7	X	8,9	11
GRL-1435	PC-3	-----	1.000	13	11	8,11	11	17	6,7	X	8,9	11
JCRB9110	PC-3	11052008	1.000	13	11	8,11	11	17	6,7	X	8,9	11
RCB2145	PC-3	-----	1.000	13	11	8,11	11	17	6,7	X	8,9	11
KBN0111-04	cell-018	03252013	1.000	13	11	8,11	11	17	6,7	X	8,9	11
KBN0111-05	cell-019	03252013	1.000	13	11	8,11	11	17	6,7	X	8,9	11
JCRB1191	KMS-28PE	03282007	0.720	14	11	8,11	9,11	17	7,9,3	X	8,9	10
JCRB1192	KMS-28BM	04032007	0.720	14	11	8,11	9,11	17	7,9,3	X	8,9	10
JCRB0194	KON	07172002	0.714	11,13	11,12	8,11	9,11	17	7,9	X	9,11	11,12
KBN0111-09	cell-023	03252013	1.000	13	11	8,11	11	17	6,7	X	8,9	11