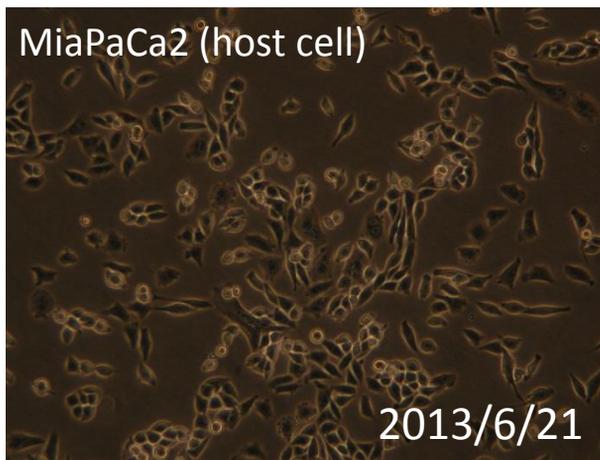
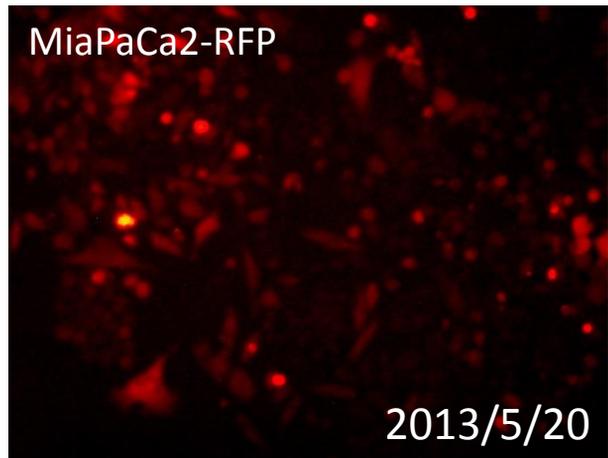
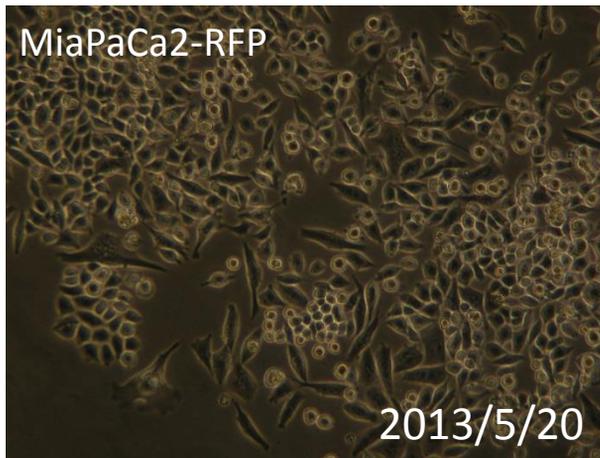


## 091-071 MiaPaCa2-RFP

### 要旨

MiaPaCa2-RFP細胞は、ヒト膵臓がん由来MiaPaCa2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、MiaPaCa2との形態の違いは見られず、蛍光を発する細胞の割合は、76%であった。Short tandem repeats (STR)-PCR法による解析では、医薬基盤研究所細胞バンク等のMiaPaCa2と同一と認証された。

### Microscopic images



### STR-profile

Summary (Cell No. : KBN0119\_05)

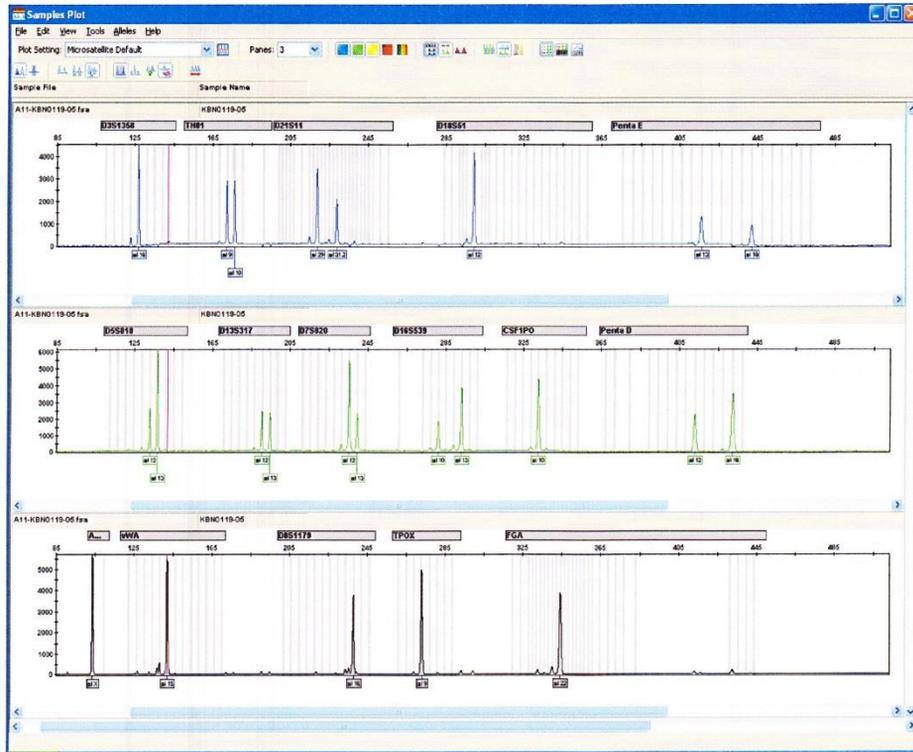
It was confirmed that the cell (Cell No. : KBN0119\_05, Cell Name: cell-069) was the same as the cell registered in JCRB (JCRB0070 MIA PaCa-2, JCRB1038 PH61-N), the cell registered in JCRB (JCRB0070 MIA PaCa-2, JCRB1038 PH61-N), the cell registered in ATCC (CRL-1420 MIA PaCa-2), and the cell registered in RCB (RCB2094 MIA Paca2) by the comparison with the database of JCRB Cell Bank.

Furthermore, it was confirmed that this cell was the same as that also of KBN0107\_04 (Cell Name: Cell-004).

STR-profile

KBN0119

Peak report (Cell No. : KBN0119\_05)



STR Profile (Cell No. : KBN0119\_05)

D3S1358	TH01	D21S11	D18S51	Penta E	D5S818	D13S317	D7S820
16	9.10	29.31.2	12	13.18	12.13	12.13	12.13
D16S539	CSF1PO	Penta D	AM	VWA	D8S1179	TPOX	FGA
10,13	10	12.16	X	15	16	9	22

Comparison with database (Cell No. : KBN0119\_05)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	VWA	TH01	AM	TPOX	CSF1PO
KBN0119-05	cell-069	05152013	1.000	12,13	12,13	12,13	10,13	15	9,10	X	9	10
JCRB0070	MIA PaCa-2	110498	1.000	12,13	12,13	12,13	10,13	15	9,10	X	9	10
CRL-1420	MIA PaCa-2	-----	1.000	12,13	12,13	12,13	10,13	15	9,10	X	9	10
RCB2094	MIA PaCa2	-----	1.000	12,13	12,13	12,13	10,13	15	9,10	X	9	10
KBN107-04	Cell_004	03182013	1.000	12,13	12,13	12,13	10,13	15	9,10	X	9	10
JCRB1098	PH61-N	12022002	0.963	12,13	12,13	12,13	10,13	15	10	X	9	10
FO50037	RFM1798	56	0.600	12,13	11,13	10,12	10,13	18,19	6,9,3	X	8,9	10
JCRB9054	JMR-90	121186	0.581	12,13	11,13	9,12	10,13	16,19	8,10	X	8,9	11,13
JCRB1472	KYSE2300	06052012	0.560	13	12,13	11,12	11	14	9	X	8	10
FO50026	CCRF-SB	45	0.552	11,12	10,12	11,12	13	18	9,10	X,V	8	10,12
FO50467	NMC-G1	563	0.552	12	11,13	8,12	10,13	17,18	9,9,3	X	8,9	12
KBN0119-05	cell-069	05152013	1.000	12,13	12,13	12,13	10,13	15	9,10	X	9	10