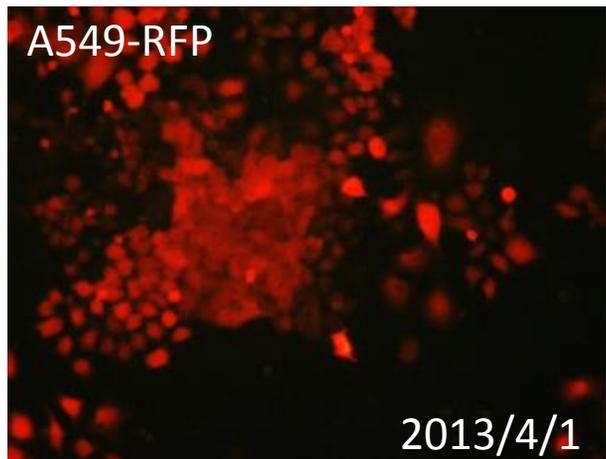
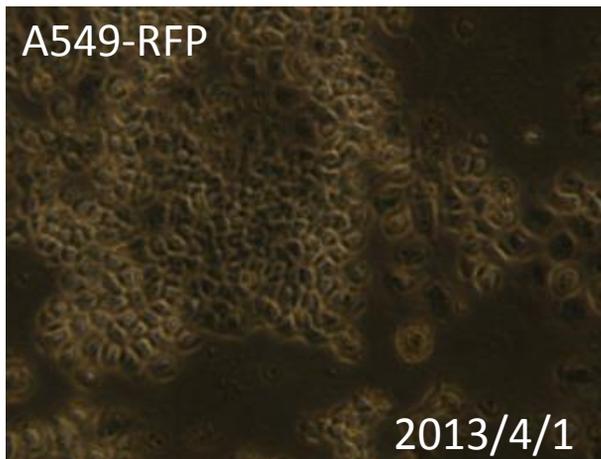


091-175 A549-RFP

## 要旨

A549-RFP細胞は、ヒト肺がん由来A549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、96%であった。Short tandem repeats (STR)-PCR法による解析では、JCRBのA549と同一と認証された。

## Microscopic images



## STR-profile

KBN0112

### Summary (Cell No. : KBN0112\_01)

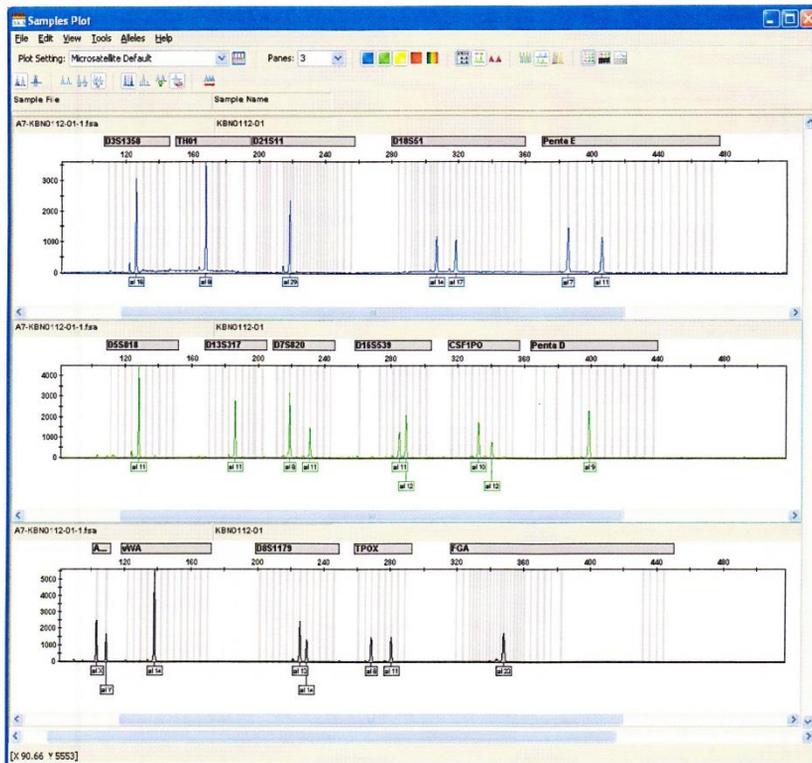
It was confirmed that the cell (Cell No. : KBN0112\_01, Cell Name: cell-025) was the same as the cell registered in JCRB (JCRB0076 A549, JCRB1414 A549-Luc), and the cell registered in RCB (RCB0098 A549, RCB2352 633), by the comparison with the database of JCRB Cell Bank.

Furthermore, it was confirmed that this cell was the same as that also of KBN0110\_05 (Cell Name: cell-009).

STR-profile

KBN0112

Peak report (Cell No. : KBN0112\_01)



STR Profile (Cell No. : KBN0112\_01)

D3S1358	TH01	D21S11	D18S51	Penta_E	D5S818	D13S317	D7S820
16	8	29	14,17	7,11	11	11	8,11
D16S539	CSF1PO	Penta_D	AM	VWA	D8S1179	TPOX	FGA
11,12	10,12	9	X,Y	14	13,14	8,11	23

Comparison with database (Cell No. : KBN0112\_01)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	VWA	TH01	AM	TPOX	CSF1PO
KBN0112-01	cell-025	04012013	1.000	11	11	8,11	11,12	14	8	X,Y	8,11	10,12
JCRB0076	A549	120498	0.966	11	11	8,11	11,12	14	8,9,3	X,Y	8,11	10,12
JCRB1414	A549-Luc	06212011	0.966	11	11	8,11	11,12	14	8,9,3	X,Y	8,11	10,12
KBN0110-05	cell-009	03212013	0.966	11	11	8,11	11,12	14	8,9,3	X,Y	8,11	10,12
RCB0098	A549		0.966	11	11	8,11	11,12	14	8,9,3	X,Y	8,11	10,12
RCB2352	633	RCB	0.966	11	11	8,11	11,12	14	8,9,3	X,Y	8,11	10,12
JCRB0177.0	KP-1N	08122002	0.714	11,13	11	8,10	11	15	7,8	X	8,11	10,12
IF050413	KP-N-YN	896	0.710	10,11	8,11	11,13	12	14,17	7,9	X,Y	8,11	10,12
JCRB1220	UC702	11282007	0.692	11	11	11	11,12	14,17	6,7	X	8	12
IF050108	MG-63	240	0.690	11,12	11	10	11,12	16,19	9,3	X,Y	8,11	10,12
JCRB1193	HEC-1-B	07122007	0.690	11,13	11	9,11	11,12	18	6,7	X	8,11	10,12
KBN0112-01	cell-025	04012013	1.000	11	11	8,11	11,12	14	8	X,Y	8,11	10,12