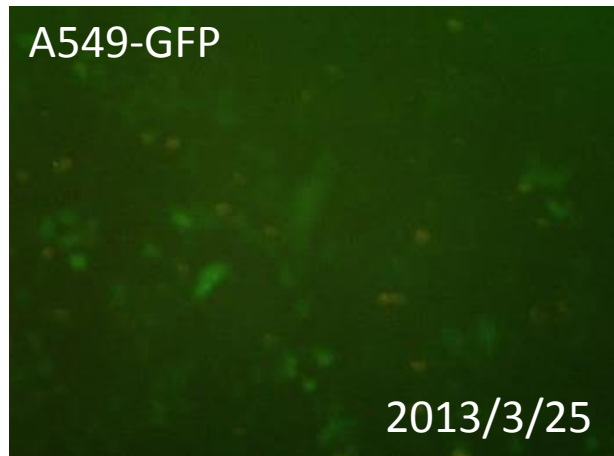
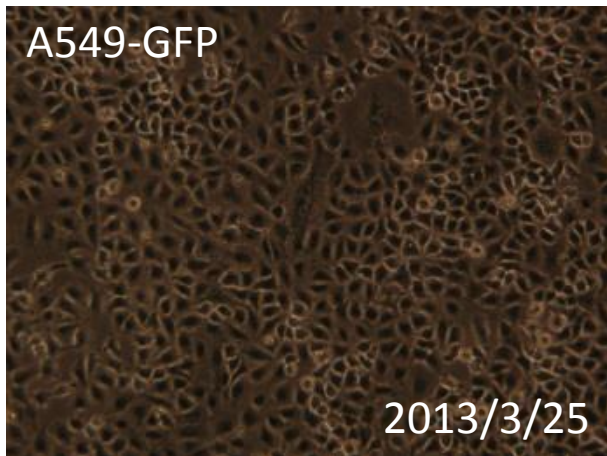


091-047 A549-GFP

## 要旨

A549-GFP細胞は、ヒト肺がん由来A549細胞に対して、緑色蛍光タンパク質(EGFP)遺伝子を含むレトロウイルスベクターpFBI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、42%であった。Short tandem repeats (STR)-PCR法による解析では、JCRBのA549等と同一と認証された。

## Microscopic images



## STR-profile

KBN0110

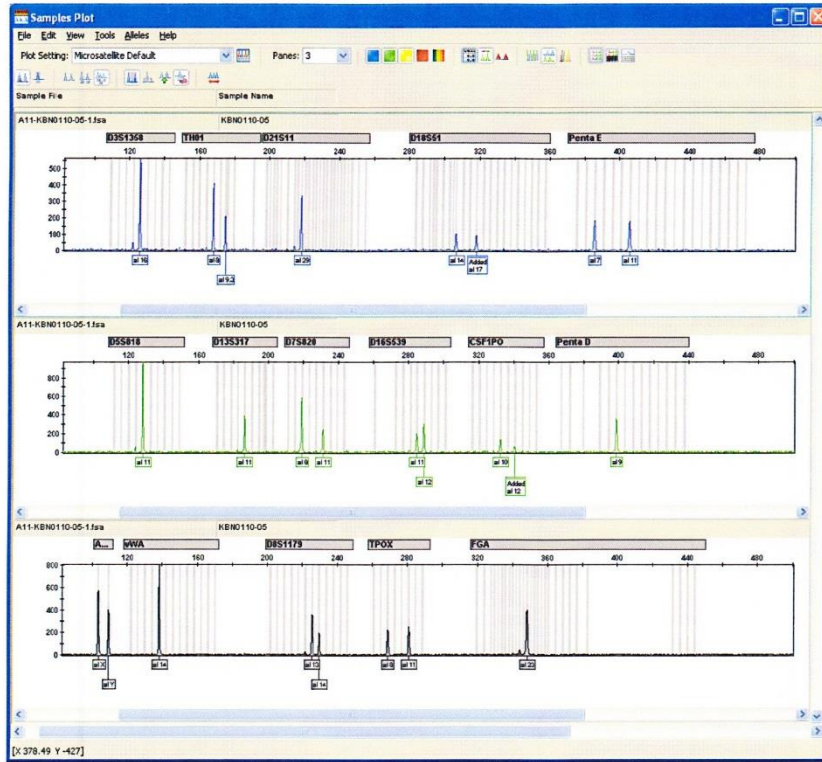
### Summary (Cell No. : KBN0110\_05)

It was confirmed that the cell (Cell No. : KBN0110\_06, Cell Name: cell-009) was the same as the cell registered in JCRB (JCRB0076 A549, JCRB1414 A549-Luc), and the cell registered in RCB (RCB2352 633), by the comparison with the database of JCRB Cell Bank.

STR-profile

KBN0110

Peak report (Cell No. : KBN0110\_05)



STR Profile (Cell No. : KBN0110\_05)

D3S1358	TH01	D21S11	D18S51	Penta_E	D5S818	D13S317	D7S820
16	8,9,3	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. : KBN0110\_05)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	VWA	TH01	AM	TPOX	CSF1PO
KBN0110-05	cell-009	03212013	1.000	11	11	8,11	11,12	14	8,9,3	X,Y	8,11	10,12
JCRB0076	A549	120498	1.000	11	11	8,11	11,12	14	8,9,3	X,Y	8,11	10,12
JCRB1414	A549-Luc	06202011	1.000	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	8,11	10,12
JCRB9088	Dempsy	050487	0.710	11,13	11	8,12	11,12	17,18	8,9,3	X,Y	8	11,12
JCRB0141	PHK16-0b	04182000	0.690	9,11	11	9,11	11,12	16	9,3	X,Y	8	12,13
JCRB0142	NCC16	122299	0.690	9,11	11	9,11	11,12	16	9,3	X,Y	8	12,13
JCRB0177.0	KP-1N	08072002	0.690	11,13	11	8,10	11	15	7,8	X	8,11	10,12
JCRB0518	WI-38-40	07192011	0.690	10	11	9,11	11,12	19,20	8,9,3	X	8	10,12
JCRB9017	WI-38	092096	0.690	10	11	9,11	11,12	19,20	8,9,3	X	8	10,12
JCRB1435	TK6	11022011	0.698	12,13	11	9,11	11,12	17,20	8,9,3	X,Y	8,11	11,12
KBN0110-05	cell-009	03212013	1.000	11	11	8,11	11,12	14	8,9,3	X,Y	8,11	10,12