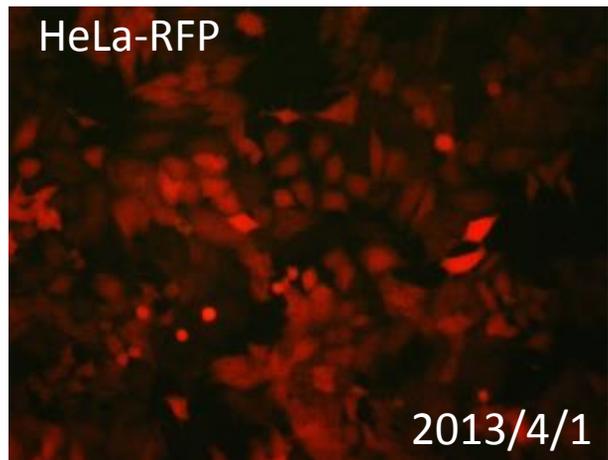
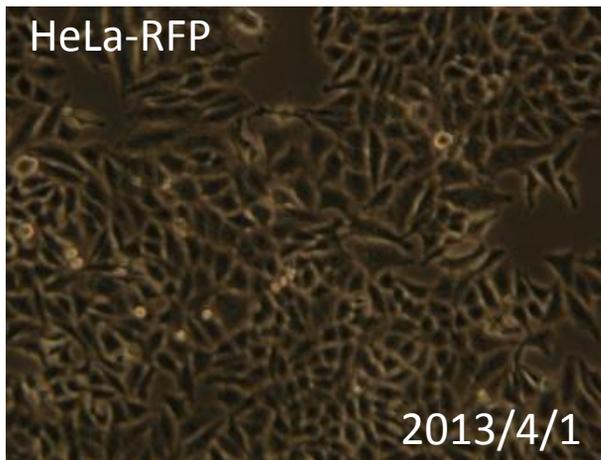


091-104 HeLa-RFP

要旨

HeLa-RFP細胞は、ヒト子宮頸がん由来HeLa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、89%であった。Short tandem repeats (STR)-PCR法による解析では、ATCC、JCRBのHeLaと同一と認証された。

Microscopic images



STR-profile

KBN0112

Summary (Cell No. : KBN0112_04)

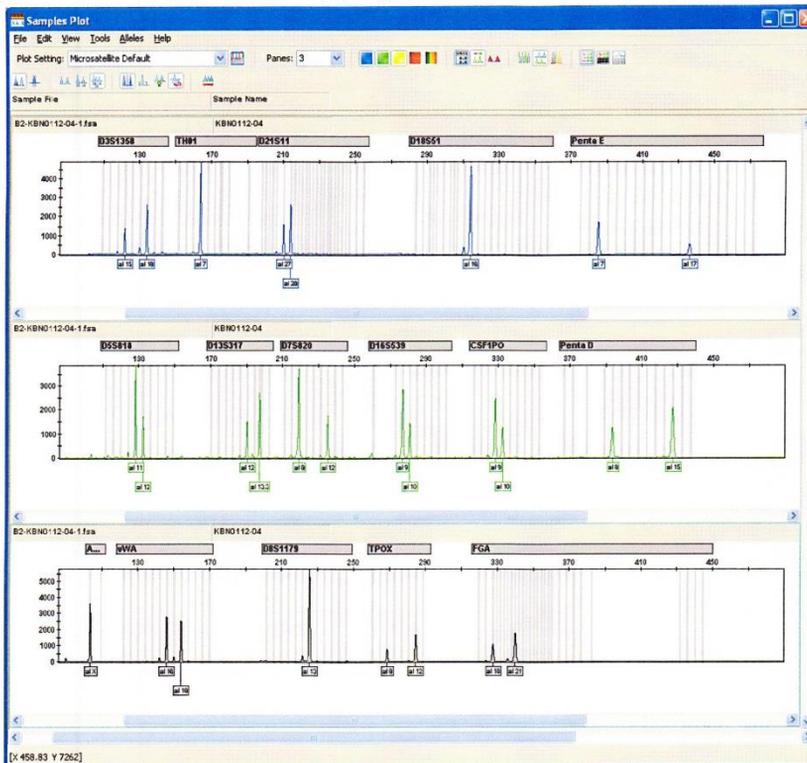
It was confirmed that the cell (Cell No. : KBN0112_04, Cell Name: cell-028) was the same as the cell registered in ATCC (CCL-2 HeLa), and the cell registered in JCRB (JCRB9004 HeLa), by the comparison with the database of JCRB Cell Bank.

Furthermore, it was confirmed that this cell was the same as that also of KBN0112_03 (Cell Name: cell-027), KBN0112_09 (Cell Name: cell-033), and KBN0112_10 (Cell Name: cell-034).

STR-profile

KBN0112

Peak report (Cell No. : KBN0112_04)



STR Profile (Cell No. : KBN0112_04)

D3S1358	TH01	D21S11	D18S51	Penta E	D5S818	D13S317	D7S820
15,18	7	27,28	16	7,17	11,12	12,13,3	8,12
D16S539	CSF1PO	Penta D	AM	VWA	D8S1179	TPOX	FGA
9,10	9,10	8,15	X	16,18	13	8,12	18,21

Comparison with database (Cell No. : KBN0112_04)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	VWA	TH01	AM	TPOX	CSF1PO
KBN0112-04	cell-028	04012013	1.000	11,12	12,13,3	8,12	9,10	16,18	7	X	8,12	9,10
GCL-2	HeLa		1.000	11,12	12,13,3	8,12	9,10	16,18	7	X	8,12	9,10
JCRB9004	HeLa	051299	1.000	11,12	12,13,3	8,12	9,10	16,18	7	X	8,12	9,10
KBN0112-03	cell-027	04012013	1.000	11,12	12,13,3	8,12	9,10	16,18	7	X	8,12	9,10
KBN0112-09	cell-033	04012013	1.000	11,12	12,13,3	8,12	9,10	16,18	7	X	8,12	9,10
KBN0112-10	cell-034	04012013	1.000	11,12	12,13,3	8,12	9,10	16,18	7	X	8,12	9,10
JCRB0538	TIG-109	08022012	0.710	11,12	8	12,13	9,11	16,18	7,9	X	8	9,10
JCRB0174.0	NCC16-P11	01052011	0.645	11,12	12	10,11	9,10	16,19	6,9,3	X	8	9,10
JCRB1125	PL502	09222005	0.645	9,11	8,12	9,10	9,10	16,18	7	X	8	10,12
JCRB1345	PALL-2	08072009	0.645	11,12	8	8,11	9,10	18,19	7,9	X,Y	8	10
ACC 140	SUP-T1	dsmz web	0.606	11,12	10,11,12	11	9,10,11	16,18	9,3	X	8,9	10,11
KBN0112-04	cell-028	04012013	1.000	11,12	12,13,3	8,12	9,10	16,18	7	X	8,12	9,10