

要旨

MDA-MB-231-RFP細胞は、ヒト乳がん由来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。Short tandem repeats (STR)-PCR法による解析では、ATCCのMDA-MB-231と同一と認証された。

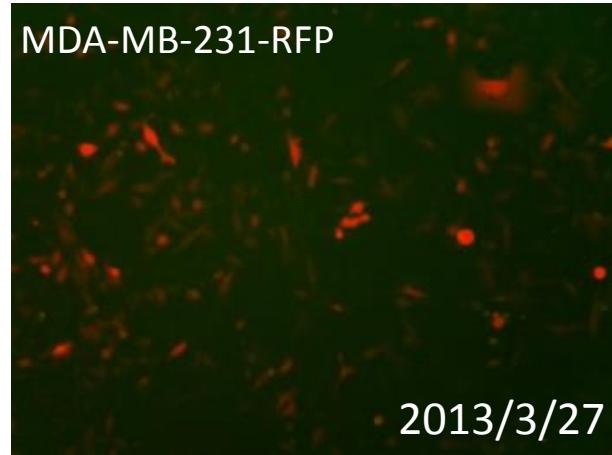
Microscopic images

MDA-MB-231-RFP



2013/3/27

MDA-MB-231-RFP



2013/3/27

STR-profile

KBN0111

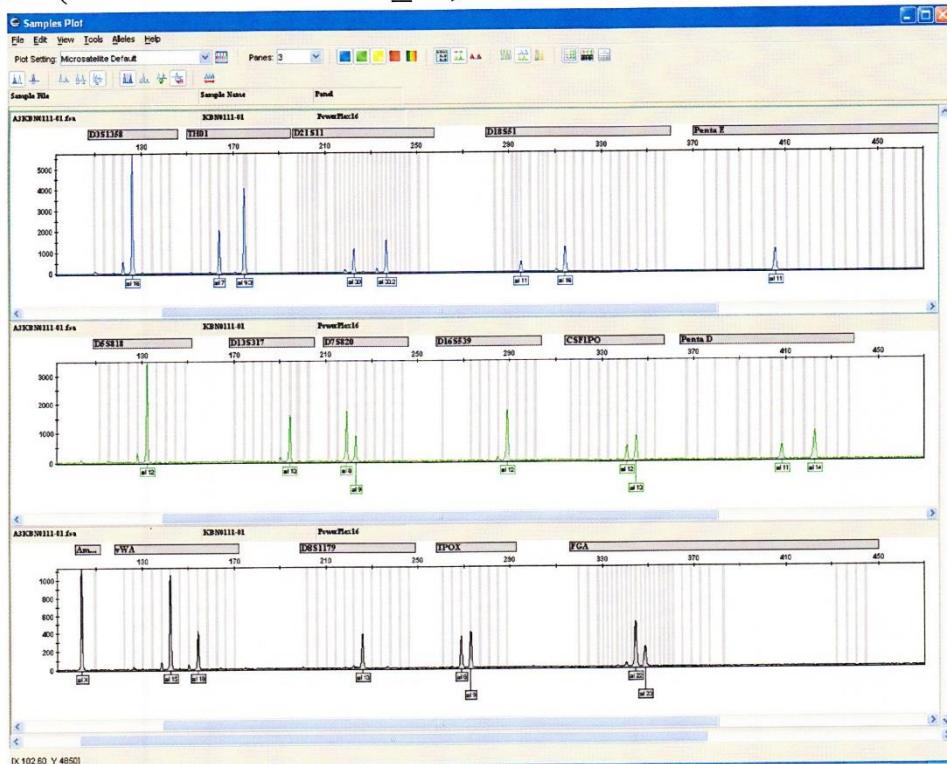
Summary (Cell No. : KBN0111_01)

It was confirmed that the cell (Cell No. : KBN0111_01, Cell Name: cell-015) was the same as the cell registered in ATCC (HTB-26 MDA-MB-231), 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_04 (Cell Name: cell-008).

STR-profile

KBN0111

Peak report (Cell No. : KBN0111_01)



STR Profile (Cell No. : KBN0111_01)

D3S1358	TH01	D21S11	D18S51	Penta E	D5S818	D13S317	D7S820
16	7,9,3	30,33,2	11,16	11	12	13	8,9
D16S539	CSF1PO	Penta D	AM	VWA	D8S1179	TPOX	FGA
12	12,13	11,14	X	15,18	13	8,9	22,23

Comparison with database (Cell No. : KBN0111_01)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	VWA	TH01	AM	TPOX	CSF1PO
KBN0111-01	cell-015	03252013	1.000	12	13	8,9	12	15,18	7,9,3	X	8,9	12,13
HTB-26	MDA-MB-231	atcc_web	1.000	12	13	8,9	12	15,18	7,9,3	X	8,9	12,13
KBN0110-04	cell-008	03212013	1.000	12	13	8,9	12	15,18	7,9,3	X	8,9	12,13
JCRB1522	YS-1	03132013	0,645	11,12	10,13	9,11	9,12	16,18	6,7	X,Y	8	12,13
JCRB1486	NCI-H1975-Luc	10152012	0,643	11,12	10,13	8,11	9,12	18	7	X	8,11	12
JFO50467	NMC-G1	563	0,621	12	11,13	8,12	10,13	17,18	9,9,3	X	8,9	12
JCRB0622	HSC-2	122198	0,621	10,12	11,12	9,12	12	16,18	6,7	X	8	12,13
JFO50321	GAK	732	0,615	10	9,13	11	12	15,18	7	X	8,9	10
JCRB1335	HD-70	4202009	0,600	8,12	13	10,12	12	15,18	7,9	X,Y	8,11	10,12
JCRB0104	Detroit 510	061887	0,600	10,12	11,12	8,12	11,12	15,17	7,9,3	X	8	11,12
JCRB0225	COLO320 DM	112996	0,593	12	11	9,12	11,12	15,18	9	X	8,9	11
KBN0111-01	cell-015	03252013	1.000	12	13	8,9	12	15,18	7,9,3	X	8,9	12,13