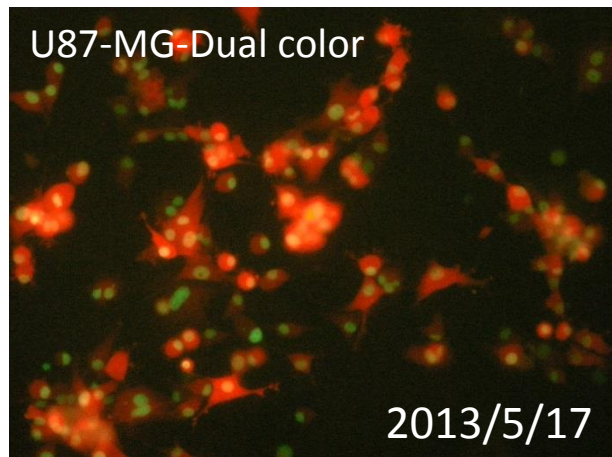
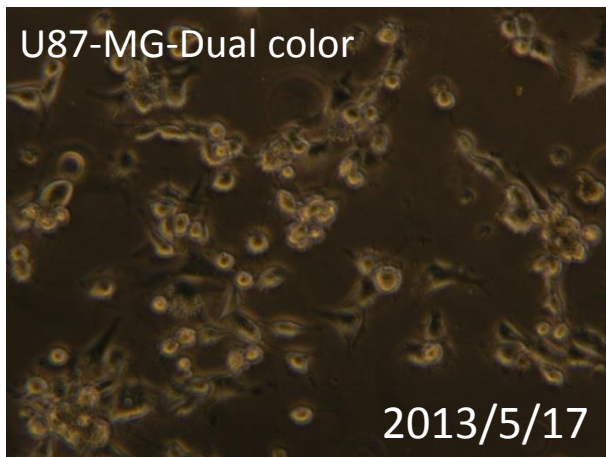


091-089 U-87 MG-Dual color

要旨

U-87 MG-Dual color細胞は、ヒト脳腫瘍由来U-87 MG細胞に対して、ヒトヒストンB1-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pFBと、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、98%であった。Short tandem repeats (STR)-PCR法による解析では、ATCCのU-87 MGと同一と認証された。

Microscopic images



STR-profile

Summary (Cell No. : KBN0119_03)

It was confirmed that the cell (Cell No. : KBN0119_03, Cell Name: cell-067) was the same as the cell registered in ATCC (HTB-14 U-87 MG), by the comparison with the database of JCRB Cell Bank.

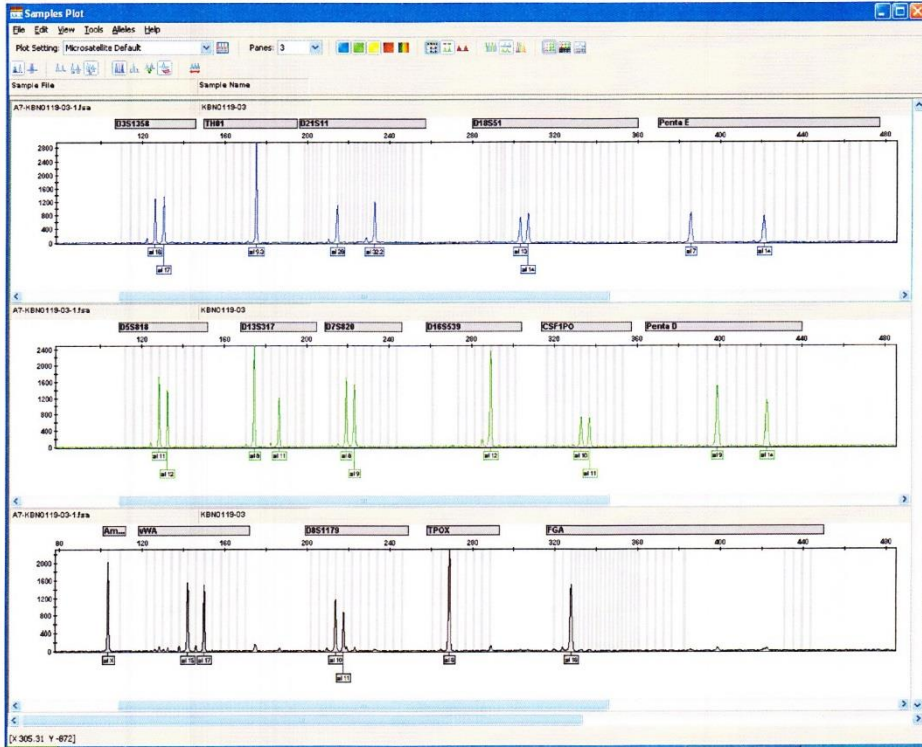
Furthermore, it was confirmed that this cell was the same as that also of KBN0110_07 (Cell Name: cell-011) and KBN0110_10 (Cell Name: cell-014).

091-089 U-87 MG-Dual color

STR-profile

KBN0119

Peak report (Cell No. : KBN0119_03)



STR Profile (Cell No. : KBN0119_03)

D3S1358	TH01	D21S11	D18S51	Penta E	D5S818	D13S317	D7S820
16.17	9.3	28.32.2	13.14	7.14	11.12	8.11	8.9

D16S539	CSF1PO	Penta D	AM	VWA	D8S1179	TPOX	FGA
12	10.11	9.14	X	15.17	10.11	8	18

Comparison with database (Cell No. : KBN0119_03)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	VWA	TH01	AM	TPOX	CSF1PO
KBN0119-03	cell-067	05152013	1.000	11,12	8,11	8,9	12	15,17	9,3	X	B	10,11
HTB-14	U-87 MG	atcc_web	1.000	11,12	8,11	8,9	12	15,17	9,3	X	B	10,11
KBN0110-10	cell-014	03212013	1.000	11,12	8,11	8,9	12	15,17	9,3	X	B	10,11
KBN0110-07	cell-011	03212013	0.963	11,12	8,11	9	12	15,17	9,3	X	B	10,11
JCRB0901	Calh-1	03252008	0.733	11,12	11,12	8,12	12	15,17	6,9	X	8,11	10,11
CRL-5842	NCI-H774 [-H774]	-----	0.769	11	8	9,11	12	15,17	6,9,3	X	B	10
JCRB1400	Calh-1-Luc	03172011	0.733	11,12	11,12	8,12	12	15,17	6,8	X	8,11	10,11
JCRB1373	BT-549-Luc	8182010	0.667	11	11	9	8	15	9,3	X	B	10,12
JCRB9078	DeGin	83087	0.667	11,12	11,14	8,12	12,13	15,17	8,9	X	B	9,10
JCRB9104	Detroit 510	61887	0.667	10,12	11,12	8,12	11,12	15,17	7,9,9	X	B	11,12
JCRB9076	FHs 74 Int	031387	0.645	11,12	11,12	9,10	11,12	16,18	7,9,3,11	X	B	10,11
KBN0119-03	cell-067	05152013	1.000	11,12	8,11	8,9	12	15,17	9,3	X	B	10,11