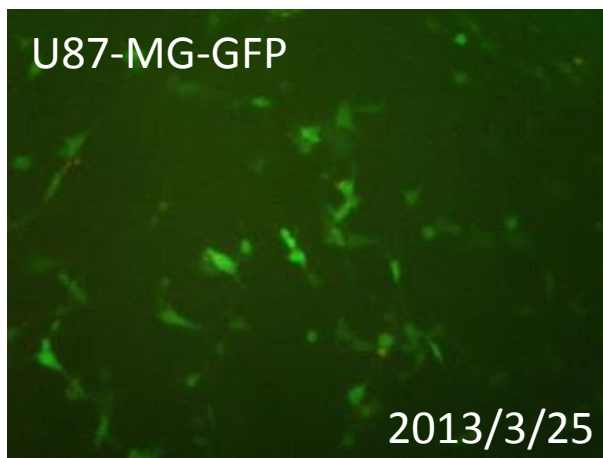
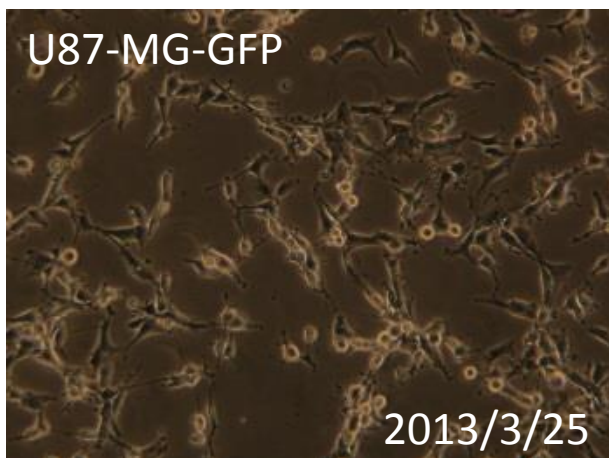


091-022 U87-MG-GFP

要旨

U87-MG-GFP細胞は、ヒト脳腫瘍由来U87-MG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pFB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、52%であった。Short tandem repeats (STR)-PCR法による解析では、JCRB、ATCCのHOS等と同一と認証された。

Microscopic images



STR-profile

KBN0110

Summary (Cell No. : KBN0110_10)

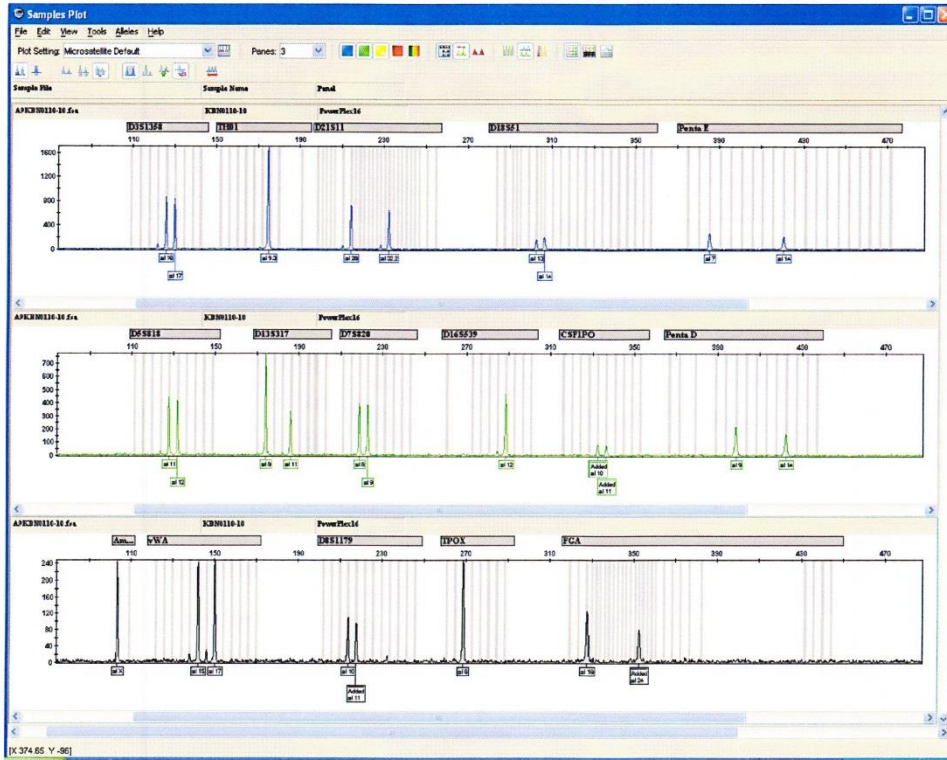
It was confirmed that the cell (Cell No. : KBN0110_10, Cell Name: cell-014) was the same as the cell registered in ATCC (HTB-14 U-87MG), by the comparison with the database of JCRB Cell Bank.

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

STR-profile

KBN0110

Peak report (Cell No. : KBN0110_10)



STR Profile (Cell No. : KBN0110_10)

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	CSFIPO	Penta_D	AM	VWA	D8S1179	TPOX	FGA
12	10,11	9,14	X	15,17	10,11	8	18,24

Comparison with database (Cell No. : KBN0110_10)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	VWA	TH01	AM	TPOX	CSFIPO
KBN0110-10	cell-014	03212013	1.000	11,12	8,11	8,9	12	15,17	9.3	X	8	10,11
HTB-14	U-87MG	atcc web	1.000	11,12	8,11	8,9	12	15,17	9.3	X	8	10,11
KBN0110-07	cell-011	03212013	0.963	11,12	8,11	9	12	15,17	9.3	X	8	10,11
JCRB0801	Caki-1	011097	0.733	11,12	11,12	8,12	12	15,17	6,8	X	8,11	10,11
NIHS0653	Caki-1-Luc	02252011	0.733	11,12	11,12	8,12	12	15,17	6,8	X	8,11	10,11
JCRB1400	Caki-1-Luc	03012011	0.690	11	11,12	8,12	12	15,17	6,8	X	8,11	10,11
JCRB0810	ME-180	090498	0.667	12	11,13	9,10	12,13	15,16,17	8,9,3	X	8,10	11
JCRB1373	BT-549-Luc	08162010	0.667	11	11	9	8	15	9.3	X	8	10,12
JCRB0708	DeGin	083067	0.667	11,12	11,14	8,12	12,13	15,17	8,9	X	8	9,10
JCRB9104	Detroit 510	061867	0.667	10,12	11,12	8,12	11,12	15,17	7,9,3	X	8	11,12
JCRB9076	FHs 74 Int	031387	0.645	11,12	11,12	9,10	11,12	16,18	7,9,3,11	X	8	10,11
KBN0110-10	cell-014	03212013	1.000	11,12	8,11	8,9	12	15,17	9.3	X	8	10,11