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JCRB Cell Bank

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Cell Authentication Report (KBN0728)

Client:

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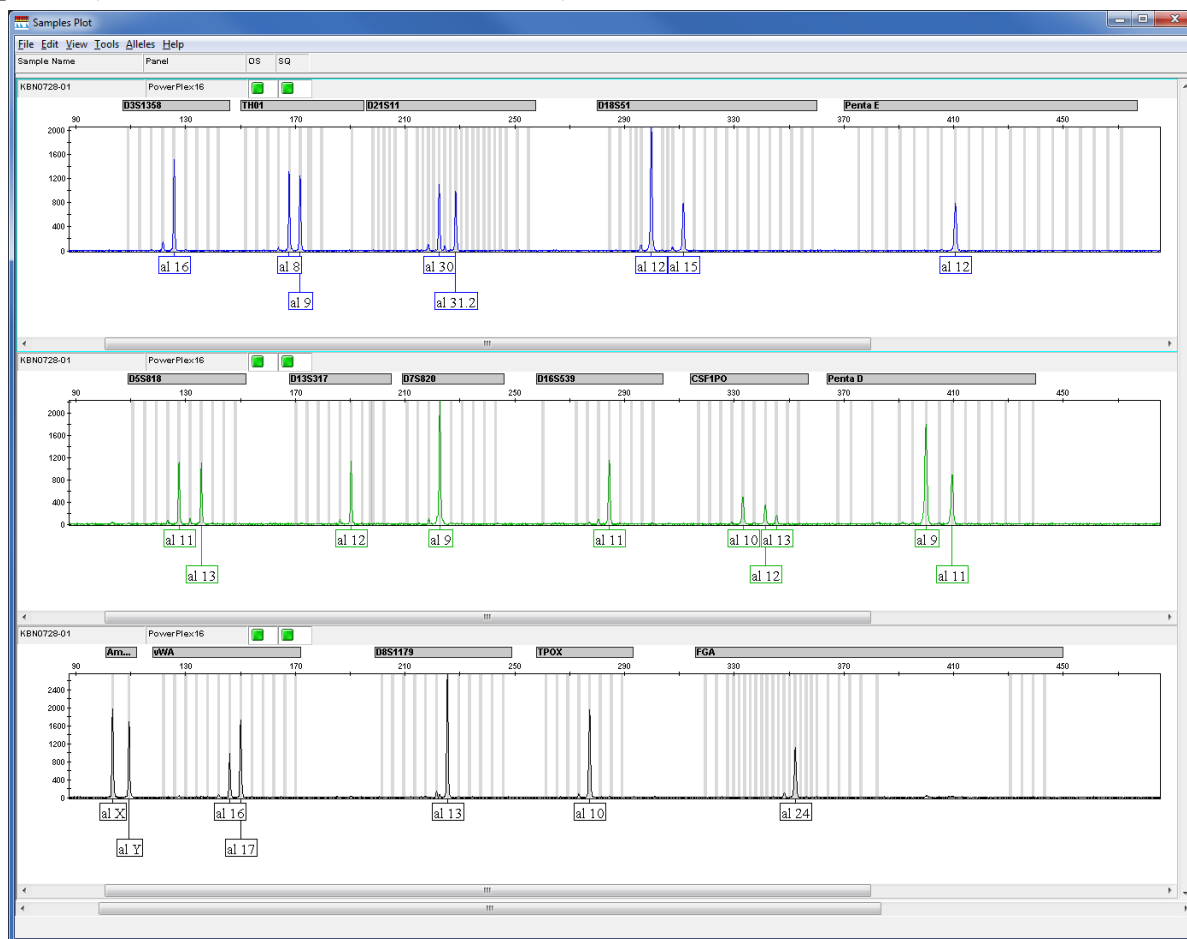
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Sample Information

Sample Number : 8

- 1) Cell No. : KBN0728-01 (Cell Name : H69)
- 2) Cell No. : KBN0728-02 (Cell Name : H69AR)
- 3) Cell No. : KBN0728-03 (Cell Name : H889)
- 4) Cell No. : KBN0728-04 (Cell Name : H1688)
- 5) Cell No. : KBN0728-05 (Cell Name : SBC1)
- 6) Cell No. : KBN0728-06 (Cell Name : SBC3)
- 7) Cell No. : KBN0728-07 (Cell Name : SBC5)
- 8) Cell No. : KBN0728-08 (Cell Name : A549)

Peak report (Cell No. : KBN0728-01)



STR Profile (Cell No. : KBN0728-01)

D3S1358	TH01	D21S11	D18S51	Penta E
16	8,9	30,31.2	12,15	12

D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta D
11,13	12	9	11	10,12,13	9,11

AM	vWA	D8S1179	TPOX	FGA
X,Y	16,17	13	10	24

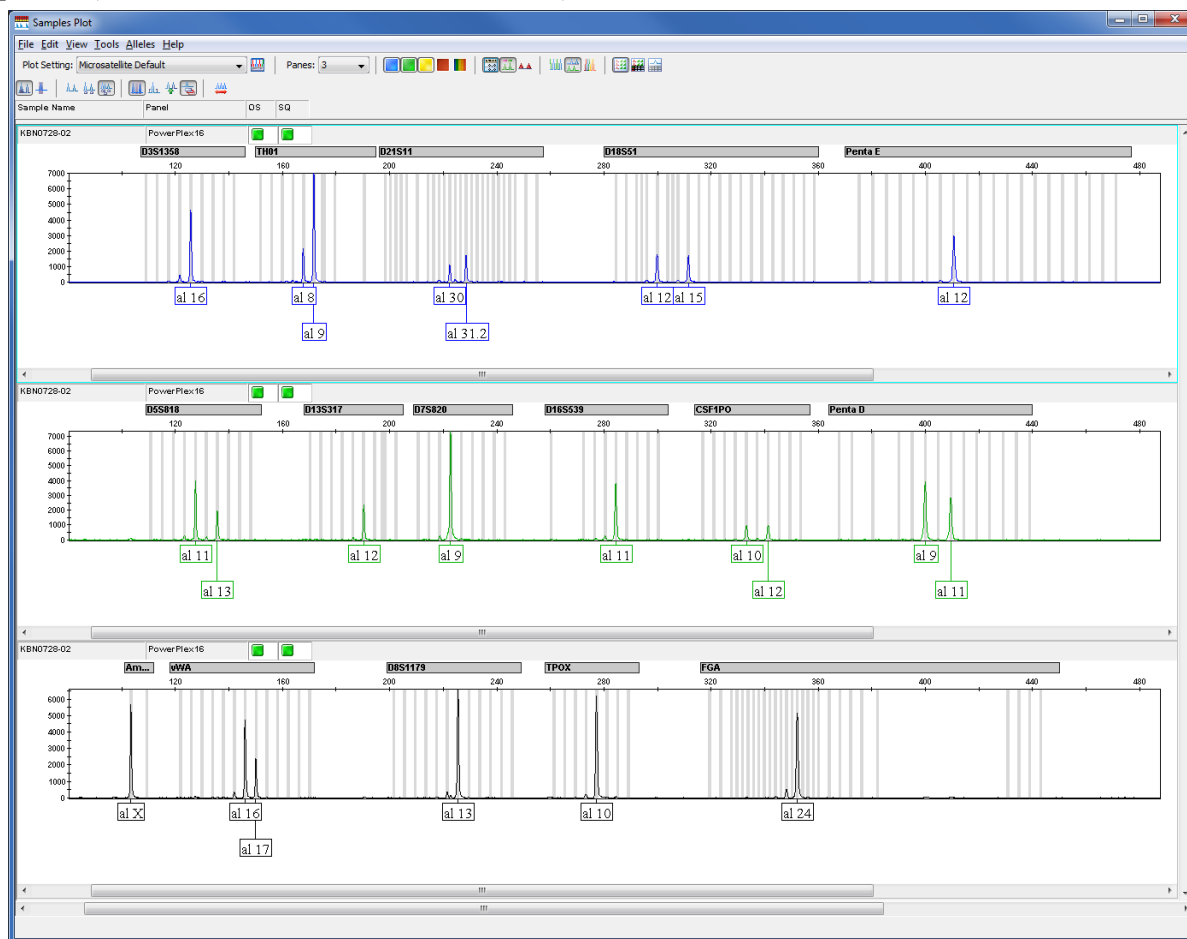
Comparison with database (Cell No. : KBN0728-01)

Cell No.	Cell Name	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
KBN0728-01	H69	----	11,13	12	9	11	16,17	8,9	X,Y	10	10,12,13
HTB-119	NCI-H69 [H69]	0.973	11,13	12	9	11	16,17	8,9	X,Y	10	10,12
CRL-11351	H69AR	0.919	11,13	12	9	11	16,17	8,9	X	10	10,12
KBN0728-02	H69AR	0.919	11,13	12	9	11	16,17	8,9	X	10	10,12
CRL-9850	MD	0.649	11,13	12	10,11	11,15	16,17	8	X,Y	8,11	10,12
IFO50368	no.10	0.595	12,13	12	8,11	11	17	7,9	X,Y	9	12,13
JCRB0041	HLCL-1	0.595	11,13	10,12	8,12	11	16,17	9	X,Y	9,11	11,12
JCRB9070	G-402	0.595	11,12	9,12	9,10	11,13	13,17	7,9	X	10	10,13
RCB4499	Onda10	0.595	12,13	12	8,11	11	17	7,9	X,Y	9	12,13
ACC-19	JVM-13	0.595	11	9,11	9	11	16,18	6,7	X,Y	10,11	10,12
CCL-138	Detroit 562	0.595	11,12	12	8,10	11	16	8,9	X	8,10	11,13

Summary (Cell No. : KBN0728-01)

It was confirmed that the cell (Cell No. : KBN0728-01, Cell Name: H69) was the same as the cell registered in ATCC (HTB-119 NCI-H69 [H69], CRL-11351 H69AR), by the comparison with the database of JCRB Cell Bank. Furthermore, it was confirmed that this cell was the same as that also of the KBN0728-02 (Cell Name: H69AR).

Peak report (Cell No. : KBN0728-02)



STR Profile (Cell No. : KBN0728-02)

D3S1358	TH01	D21S11	D18S51	Penta E
16	8,9	30,31.2	12,15	12

D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta D
11,13	12	9	11	10,12	9,11

AM	vWA	D8S1179	TPOX	FGA
X	16,17	13	10	24

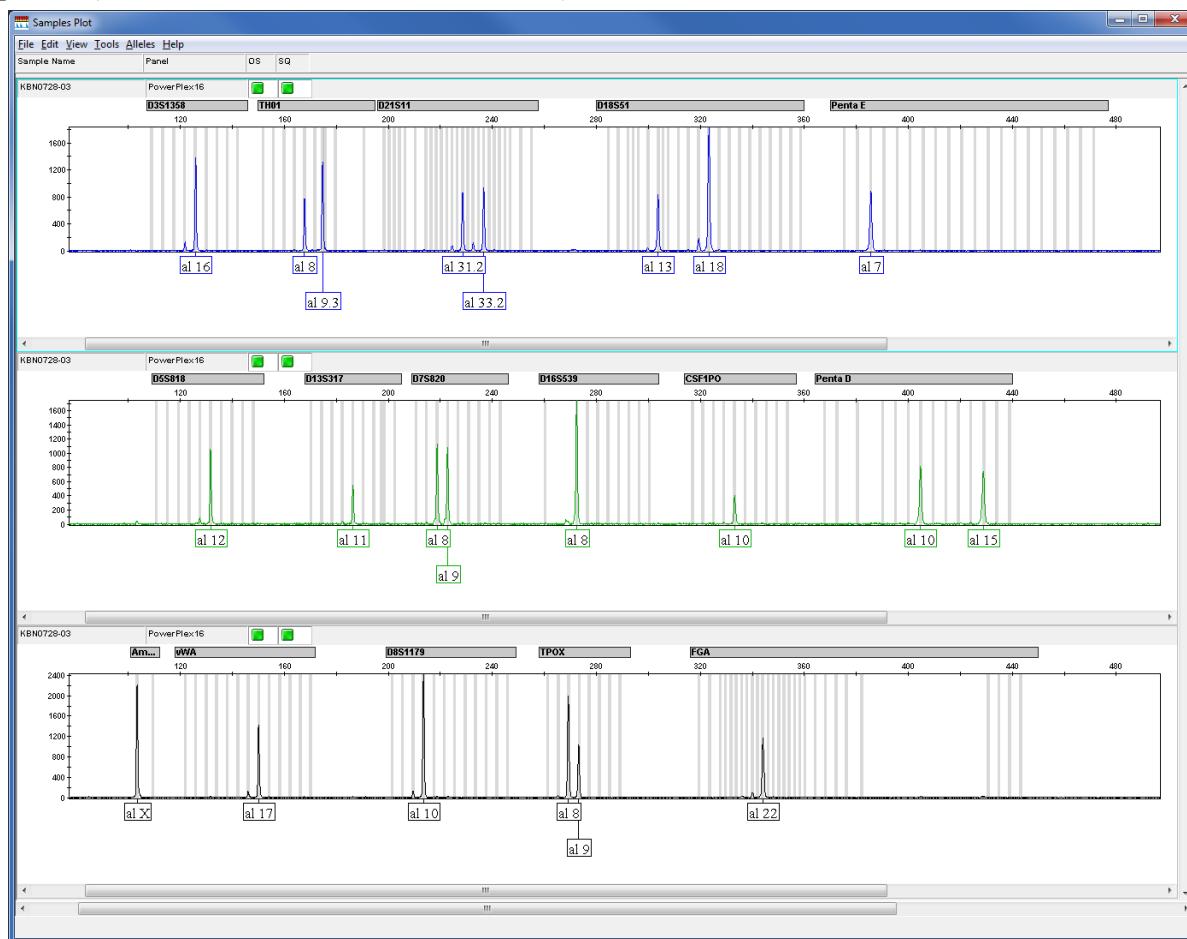
Comparison with database (Cell No. : KBN0728-02)

Cell No.	Cell Name	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
KBN0728-02	H69AR	----	11,13	12	9	11	16,17	8,9	X	10	10,12
CRL-11351	H69AR	1.000	11,13	12	9	11	16,17	8,9	X	10	10,12
HTB-119	NCI-H69 [H69]	0.944	11,13	12	9	11	16,17	8,9	X,Y	10	10,12
KBN0728-01	H69	0.919	11,13	12	9	11	16,17	8,9	X,Y	10	10,12,13
JCRB1509	NCI-H23-Luc	0.611	12,13	12	9,10	11	16,17	6	X	8,9	10
JCRB9070	G-402	0.611	11,12	9,12	9,10	11,13	13,17	7,9	X	10	10,13
CCL-138	Detroit 562	0.611	11,12	12	8,10	11	16	8,9	X	8,10	11,13
CRL-5800	NCI-H23 [H23]	0.611	12,13	12	9,10	11	16,17	6	X	8,9	10
CRL-9850	MD	0.611	11,13	12	10,11	11,15	16,17	8,8	X,Y	8,11	10,12
ACC-339	MHH-CALL-3	0.611	11,12	12,13	10,12	11	16	6,8	X	8,10	10,12
CRL-2120	CCD-1094Sk	0.611	10,11	11,12	11	11,12	16,17	7,8	X	8,10	10,12

Summary (Cell No. : KBN0728-02)

It was confirmed that the cell (Cell No. : KBN0728-02, Cell Name: H69AR) was the same as the cell registered in ATCC (CRL-11351 H69AR, HTB-119 NCI-H69 [H69]), by the comparison with the database of JCRB Cell Bank. Furthermore, it was confirmed that this cell was the same as that also of the KBN0728-01 (Cell Name: H69).

Peak report (Cell No. : KBN0728-03)



STR Profile (Cell No. : KBN0728-03)

D3S1358	TH01	D21S11	D18S51	Penta E
16	8,9.3	31.2,33.2	13,18	7

D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta D
12	11	8,9	8	10	10,15

AM	vWA	D8S1179	TPOX	FGA
X	17	10	8,9	22

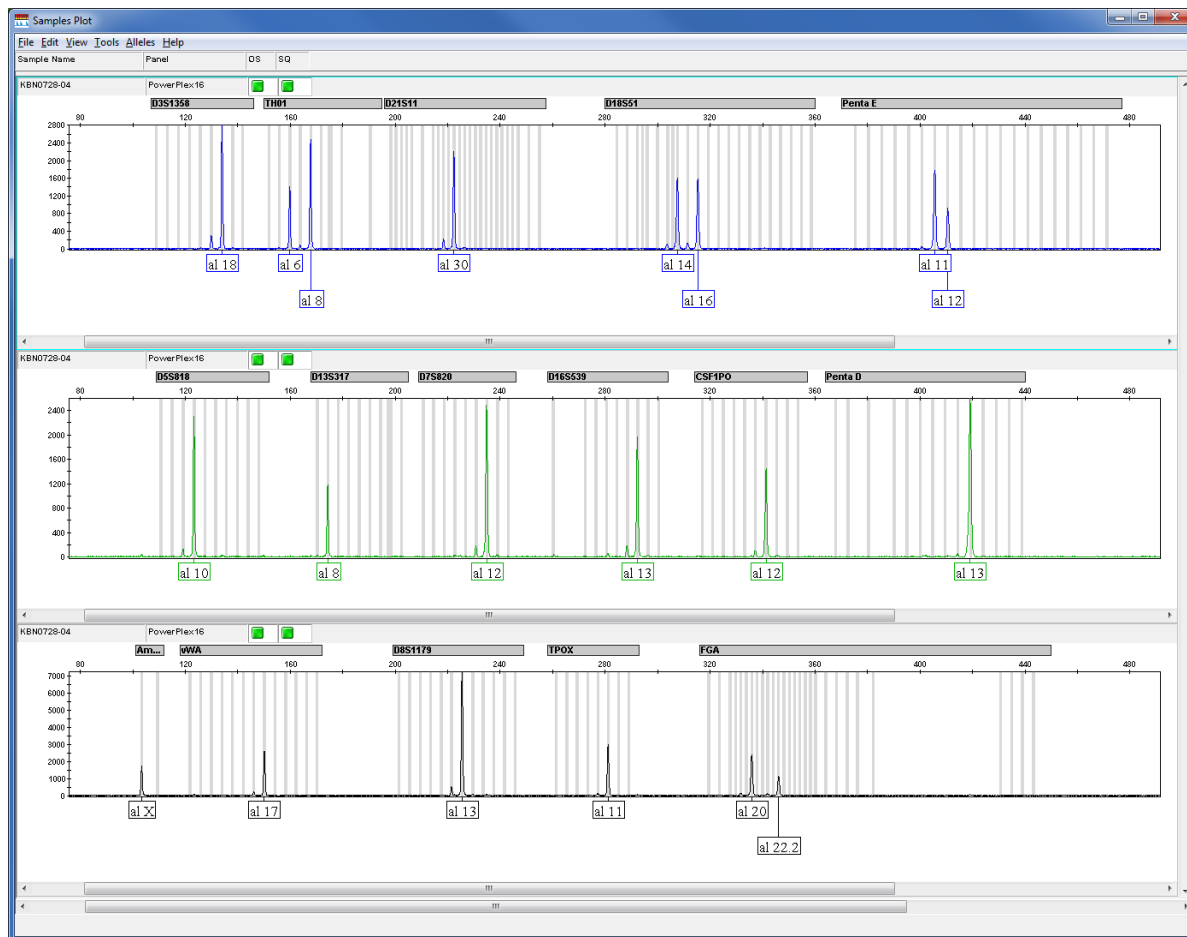
Comparison with database (Cell No. : KBN0728-03)

Cell No.	Cell Name	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
KBN0728-03	H889	----	12	11	8,9	8	17	8,9.3	X	8,9	10
CRL-5817	NCI-H889 [H889]	1.000	12	11	8,9	8	17	8,9.3	X	8,9	10
JCRB1191	KMS-28PE	0.667	14	11	8,11	9,11	17	7,9.3	X	8,9	10
ACC-250	A-204	0.667	12	11,12	8,10	11,12	15,17	8,9.3	X	8,9	10,13
ACC-377	TCC-SUP	0.667	12	11	8,9	9,11	14,16	6,9.3	X	8	10
HTB-82	A-204	0.667	12	11,12	8,10	11,12	15,17	8,9.3	X	8,9	10,13
CRL-2328	HCC 1428BL	0.667	11,12	8,12	9	8,12	17	8,9.3	X	8	10
CRL-7005	Hs 3.T	0.667	11,12	11	9	11,12	17	8,9.3	X	7,8	10,11
HTB-92	SW872	0.667	12,13	11	8,11	9,12	17	8,10	X	8,11	10
CRL-2922	EA.hy926	0.615	11	11	8,9,10	11,12	14,17	6,8,9.3	X	8,9	10,11,12
JCRB1444	KYSE1230	0.611	12	11	8,12	11	17,19	8	X	11	10

Summary (Cell No. : KBN0728-03)

It was confirmed that the cell (Cell No. : KBN0728-03, Cell Name: H889) was the same as the cell registered in ATCC (CRL-5817 NCI-H889 [H889]), by the comparison with the database of JCRB Cell Bank.

Peak report (Cell No. : KBN0728-04)



STR Profile (Cell No. : KBN0728-04)

D3S1358	TH01	D21S11	D18S51	Penta E	
18	6,8	30	14,16	11,12	
D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta D
10	8	12	13	12	13
AM	vWA	D8S1179	TPOX	FGA	
X	17	13	11	20,22.2	

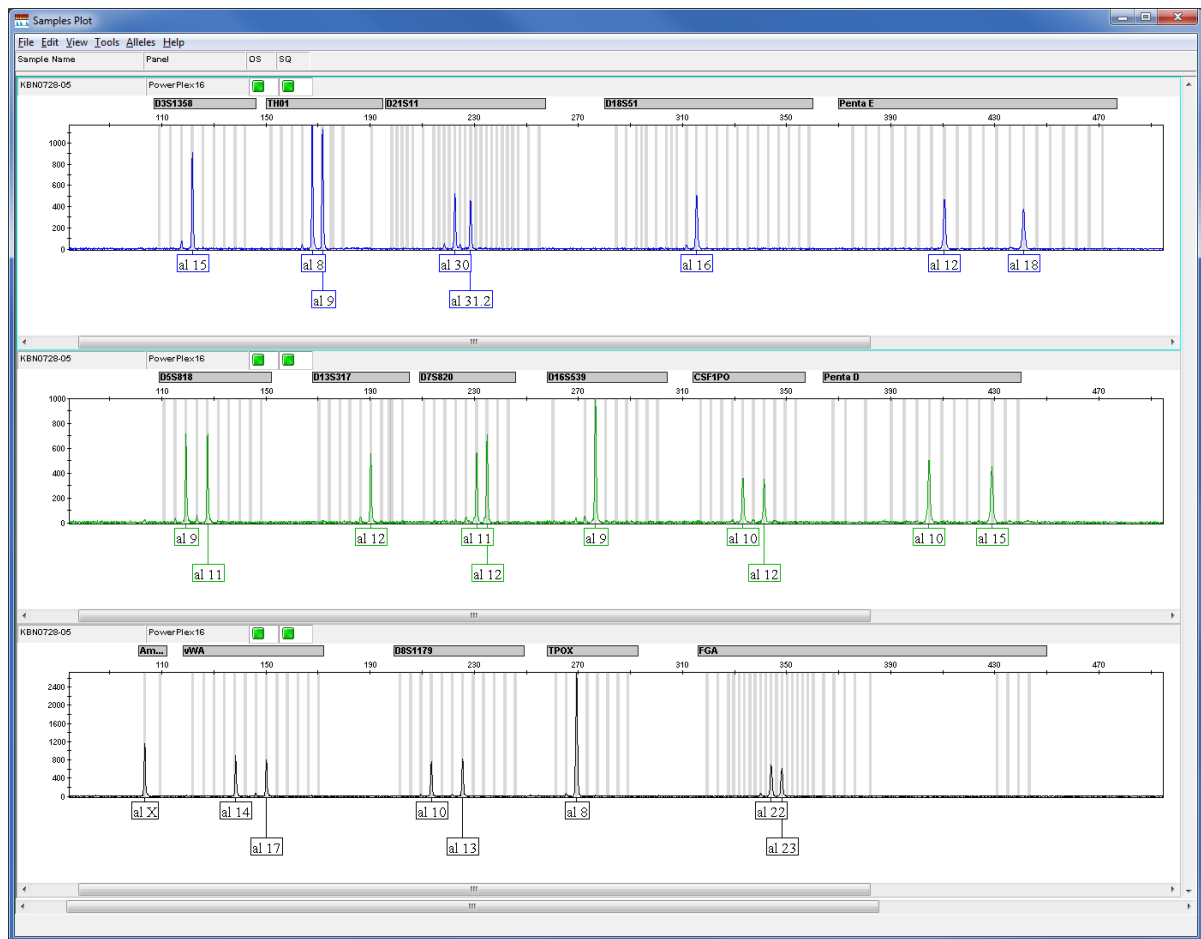
Comparison with database (Cell No. : KBN0728-04)

Cell No.	Cell Name	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
KBN0728-04	H1688	----	10	8	12	13	17	6,8	X	11	12
CCL-257	NCI-H1688 [H1688]	1.000	10	8	12	13	17	6,8	X	11	12
CRL-5973	SNU-5	0.667	10	8,9	8,12	13	15,16	9	X	11	12
CRL-5974	SNU-16	0.667	10,13	8,12	12	11,13	16,16	6,9	X	11	12
IFO50492	AM-38	0.611	12,13	8	12	11,13	17	7	X,Y	11	11,12
JCRB1481	KYSE3940	0.611	11	8	12	11,12	17,18	9	X	11	12
RCB4554	HiDEP-1	0.611	9,12	8	11,12	10,13	14,17	7,9	X	11	12
RCB1613	HFL-AE-VI	0.611	10,11	8,11	11,12	13,14	17,19	6,9	X	8,11	12
RCB2977	HFM-1	0.611	9,12	8	11,12	10,13	14,17	7,9	X	11	12
RCB4555	HiDEP-2	0.611	9,12	8	11,12	10,13	14,17	7,9	X	11	12
ACC-660	UPCI-SCC-040	0.611	10,11	8,12	9,10	11	17	6,8	X,Y	11	12

Summary (Cell No. : KBN0728-04)

It was confirmed that the cell (Cell No. : KBN0728-04, Cell Name: H1688) was the same as the cell registered in ATCC (CCL-267 NCI-H1688 [H1688]), by the comparison with the database of JCRB Cell Bank.

Peak report (Cell No. : KBN0728-05)



STR Profile (Cell No. : KBN0728-05)

D3S1358	TH01	D21S11	D18S51	Penta E
15	8,9	30,31.2	16	12,18

D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta D
9,11	12	11,12	9	10,12	10,15

AM	vWA	D8S1179	TPOX	FGA
X	14,17	10,13	8	22,23

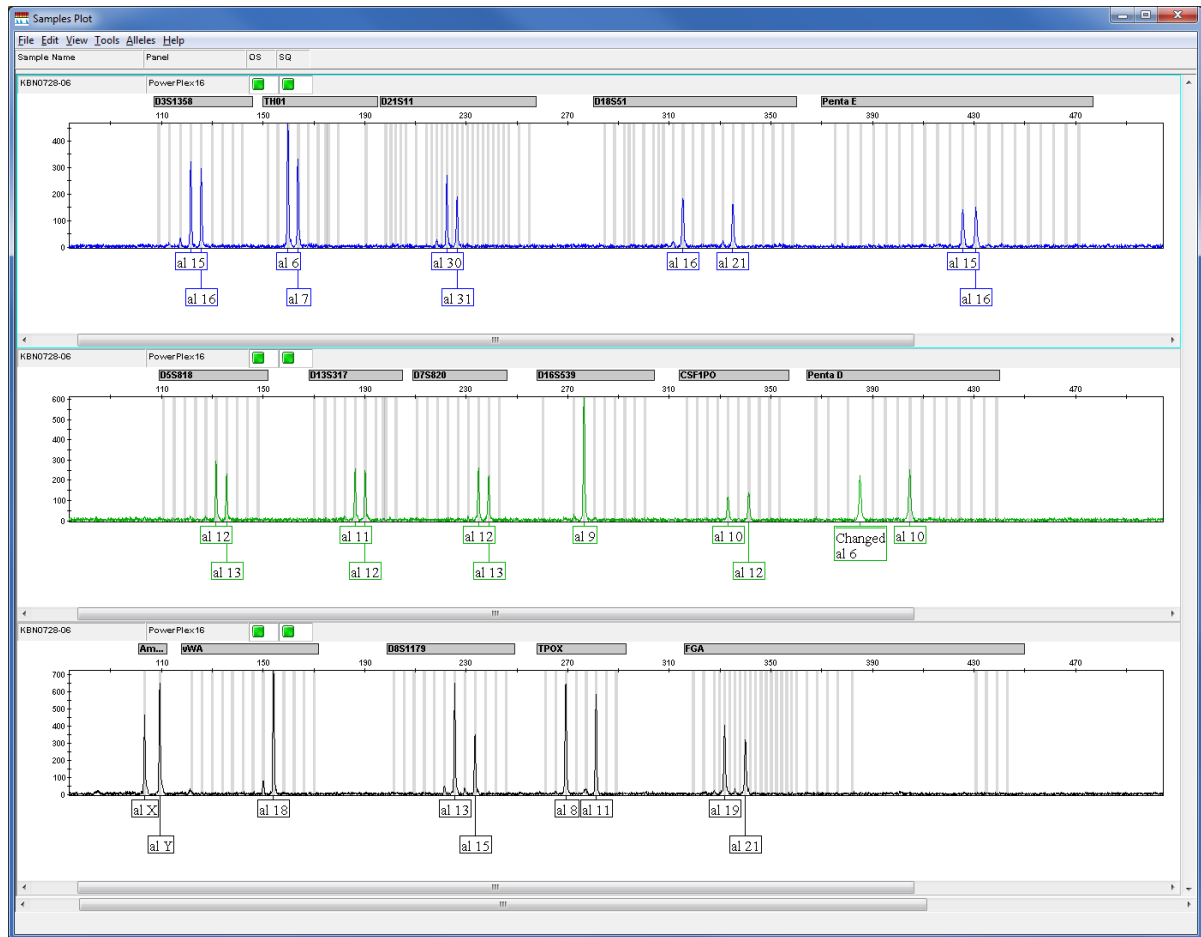
Comparison with database (Cell No. : KBN0728-05)

Cell No.	Cell Name	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
KBN0728-05	SBC1	----	9,11	12	11,12	9	14,17	8,9	X	8	10,12
JCRB0816	SBC-1	1.000	9,11	12	11,12	9	14,17	8,9	X	8	10,12
JCRB1436	KYSE510	0.722	11	12	11,12	9	14	9	X	8	11,13
JCRB1462	KYSE1250	0.722	13	12	8,11	9,11	14,17	8,9	X	8	10
RCB2983	HCT116-RAD18(-/-)	0.722	9,11	10,12	11,12	11,13	17,21	8,9	X	8	7,10
RCB2982	HCT116-RAD18(+/-)	0.722	9,11	10,12	11,12	11,13	17,21	8,9	X	8	7,10
RCB2999	H414-RAD(-/-)	0.722	9,11	10,12	11,12	11,13	17,21	8,9	X	8	7,10
RCB0627	SF8422	0.722	11,12	11,12	11,12	9,10	14,17	6,9	X	8,11	10,12
RCB1437	AW-EBV-LCL	0.722	7,10	11,12	11,12	9	17,19	9,9.3	X	8	10,12
ACC-374	KYSE-510	0.722	11	12	11,12	9	14	9	X	8	11
CVCL_6989	MSK-922	0.722	11	12	11	9,11	17	8	X	8	10,12

Summary (Cell No. : KBN0728-05)

It was confirmed that the cell (Cell No. : KBN0728-05, Cell Name: SBC-1) was the same as the cell registered in JCRB Cell Bank (JCRB0816 SBC-1), by the comparison with the database of JCRB Cell Bank.

Peak report (Cell No. : KBN0728-06)



STR Profile (Cell No. : KBN0728-06)

D3S1358	TH01	D21S11	D18S51	Penta E	
15,16	6,7	30,31	16,21	15,16	
D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta D
12,13	11,12	12,13	9	10,12	6,10
AM	vWA	D8S1179	TPOX	FGA	
X,Y	18	13,15	8,11	19,21	

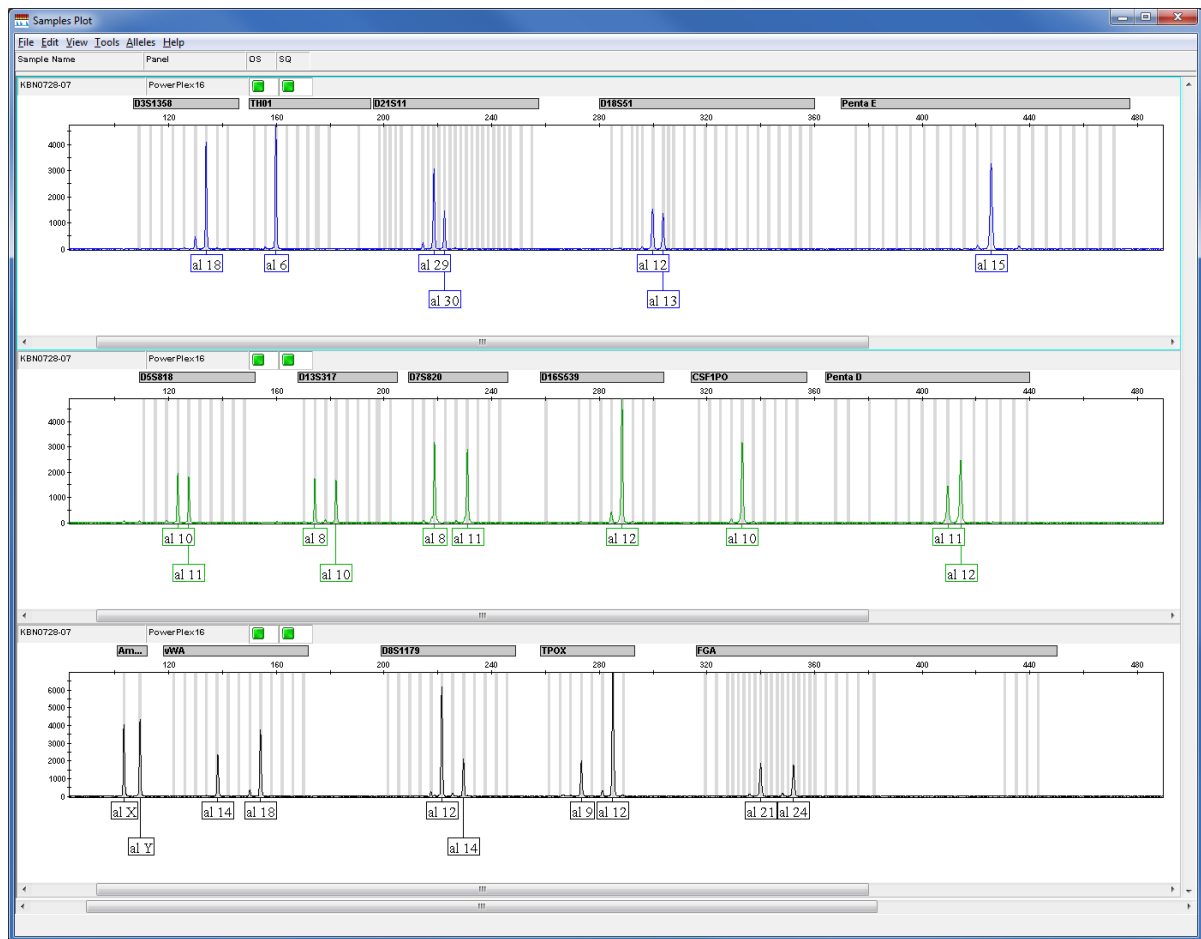
Comparison with database (Cell No. : KBN0728-06)

Cell No.	Cell Name	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
KBN0728-06	SBC3	----	12,13	11,12	12,13	9	18	6,7	X,Y	8,11	10,12
JCRB0818	SBC-3	1.000	12,13	11,12	12,13	9	18	6,7	X,Y	8,11	10,12
RCB0256	BALL-1	0.757	10,12,13	9,12	10,12	9	14,18	7,9	X,Y	8,11	10,12
JCRB1053	STC 1	0.722	12,13	12	9,10	9	16,18	6,9	X,Y	8,11	10,12
JCRB3002	Dch1	0.722	12,13	11,13	10,12	9,13	17,18	6,9	X,Y	8,11	10,12
RCB2250	HE33	0.722	12	11,12	10,12	9,11	17,18	7,8	X,Y	8,11	10,12
RCB0256	BALL-1	0.722	10,12	9,12	10,12	9	14,18	7,9	X,Y	8,11	10,12
CRL-2876	VCaP	0.722	12	11,12	9,12	9	18,19	9,3	X,Y	8,11	10,12
RCB2976	HUC-5	0.722	10,13	11,12	8,13	9,12	18	6,9	X,Y	8,9	10,12
ACC-742	BALL-1	0.722	10,13	9,12	10,12	9	14,18	7,9	X,Y	8,11	10,12
CRL2271	SK-N-BE(2)	0.667	12	11	9,10	9,11	18	6,7	X,Y	8,11	10

Summary (Cell No. : KBN0728-06)

It was confirmed that the cell (Cell No. : KBN0728-06, Cell Name: SBC-3) was the same as the cell registered in JCRB Cell Bank (JCRB0818 SBC-3), by the comparison with the database of JCRB Cell Bank.

Peak report (Cell No. : KBN0728-07)



STR Profile (Cell No. : KBN0728-07)

D3S1358	TH01	D21S11	D18S51	Penta E	
18	6	29,30	12,13	15	
D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta D
10,11	8,10	8,11	12	10	11,12
AM	vWA	D8S1179	TPOX	FGA	
X,Y	14,18	12,14	9,12	21,24	

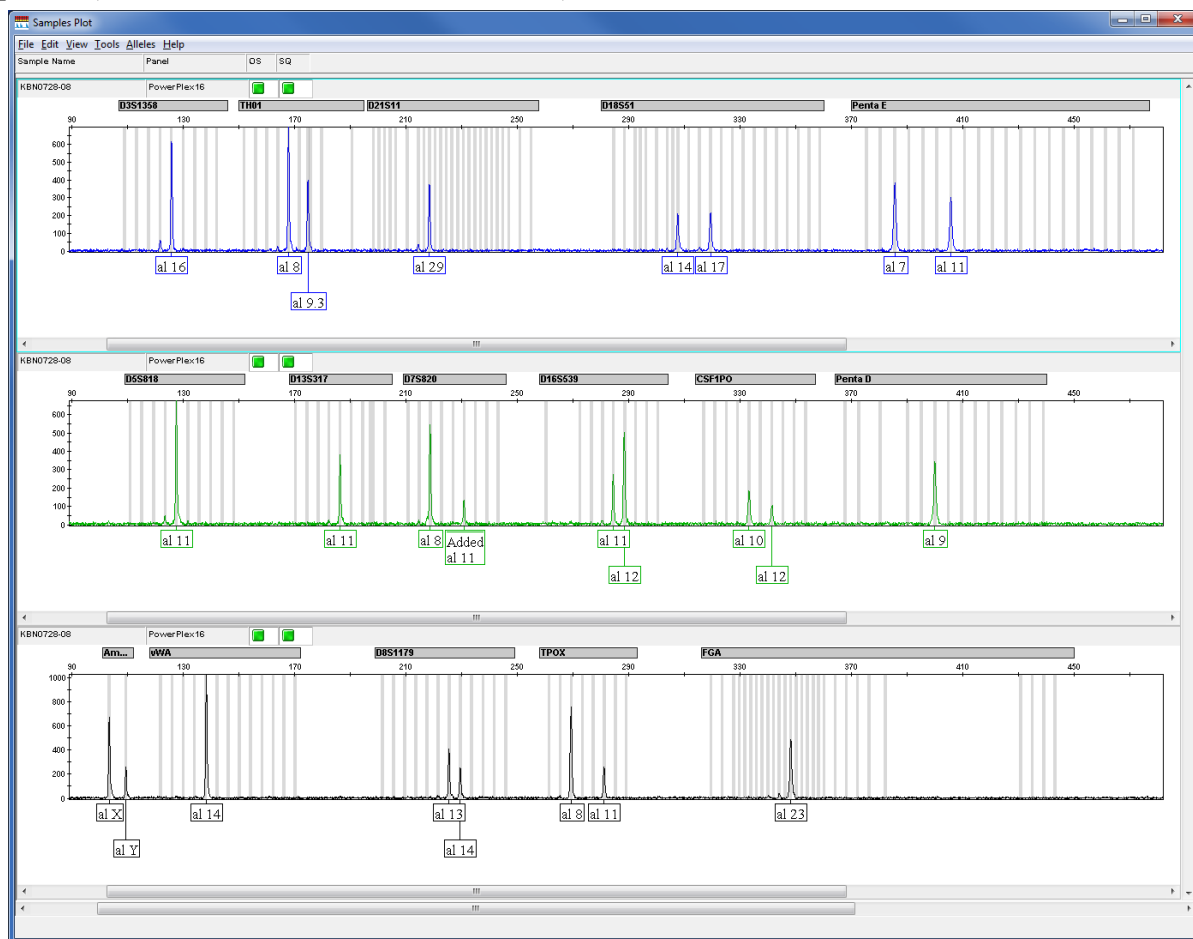
Comparison with database (Cell No. : KBN0728-07)

Cell No.	Cell Name	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
KBN0728-07	SBC5	----	10,11	8,10	8,11	12	14,18	6	X,Y	9,12	10
JCRB0819	SBC-5	1.000	10,11	8,10	8,11	12	14,18	6	X,Y	9,12	10
JCRB1171	Yub642p	0.667	10,13	8,10	8,11	9,10	16,18	6	X,Y	10,11	10
JCRB1172	Yub642	0.667	10,13	8,10	8,11	9,10	16,18	6	X,Y	10,11	10
JCRB1174	Yub642b	0.667	10,13	8,10	8,11	9,10	16,18	6	X,Y	10,11	10
JCRB3004	Dch4F	0.667	11,12	8,10	8,11	9,10	14,18	6	X,Y	9,11	11,12
ACC-317	KPL-1	0.667	11,12	10,11	8,9	11,12	14,15	6	X,X	9,12	10
ACC-444	FU-OV-1	0.667	11,13	8,10	11	12	14,19	6	X,X	8,9	10,12
RCB5006	MCC121(cell)	0.667	10,11	10	8,11	13	14,18	6,7	X,Y	8,9	10,14
JCRB0074	VMRC-MELG	0.611	10,13	8,11	8,10	12	17	6,7	X,Y	9,11	10
JCRB0134	MCF-7	0.611	11,12	11	8,9	11,12	14,15	6	X	9,12	10

Summary (Cell No. : KBN0728-07)

It was confirmed that the cell (Cell No. : KBN0728-07, Cell Name: SBC-5) was the same as the cell registered in JCRB Cell Bank (JCRB0819 SBC-5), by the comparison with the database of JCRB Cell Bank.

Peak report (Cell No. : KBN0728-08)



STR Profile (Cell No. : KBN0728-08)

D3S1358	TH01	D21S11	D18S51	Penta E	
16	8,9,3	29	14,17	7,11	
D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta D
11	11	8,11	11,12	10,12	9
AM	vWA	D8S1179	TPOX	FGA	
X,Y	14	13,14	8,11	23	

Comparison with database (Cell No. : KBN0728-08)

Cell No.	Cell Name	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
KBN0728-08	A549	----	11	11	8,11	11,12	14	8,9.3	X,Y	8,11	10,12
JCRB0076	A549	1.000	11	11	8,11	11,12	14	8,9.3	X,Y	8,11	10,12
JCRB1414	A549-Luc	1.000	11	11	8,11	11,12	14	8,9.3	X,Y	8,11	10,12
RCB3677	A549	1.000	11	11	8,11	11,12	14	8,9.3	X,Y	8,11	10,12
ACC-107	A-549	1.000	11	11	8,11	11,12	14	8,9.3	X,Y	8,11	10,12
CCL-185	A549	1.000	11	11	8,11	11,12	14	8,9.3	X,Y	8,11	10,12
RCB2352	633	0.944	11	11	8,11	11,12	14	8,9.3	X	8,11	10,12
RCB0098	A549	0.889	11	11	8	11,12	14	8,9.3	X	8,11	10,12
ACC-102	MV4-11	0.722	11,12	13	8,9	11,12	14,15	8,9.3	X,Y	8,11	10,12
CRL-2392	GA-10	0.722	11	11	8,10	11,12	16,20	9,9.3	X,Y	8,11	10
CRL-2393	GA-10 (Clone 4)	0.722	11	11	8,10	11,12	16,20	9,9.3	X,Y	8,11	10

Summary (Cell No. : KBN0728-08)

It was confirmed that the cell (Cell No. : KBN0728-08, Cell Name: A549) was the same as the cell registered in JCRB Cell Bank (JCRB0076 A549, JCRB1414 A549-Luc), the cell registered in RIKEN BRC Cell Bank (RCB3677 A549, RCB2352 633, RCB0098 A549), the cell registered in DSMZ (ACC-107 A-549), and the cell registered in ATCC (CCL-185 A549), by the comparison with the database of JCRB Cell Bank.