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JCRB Cell Bank



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Cell Authentication Report (ST-0064)

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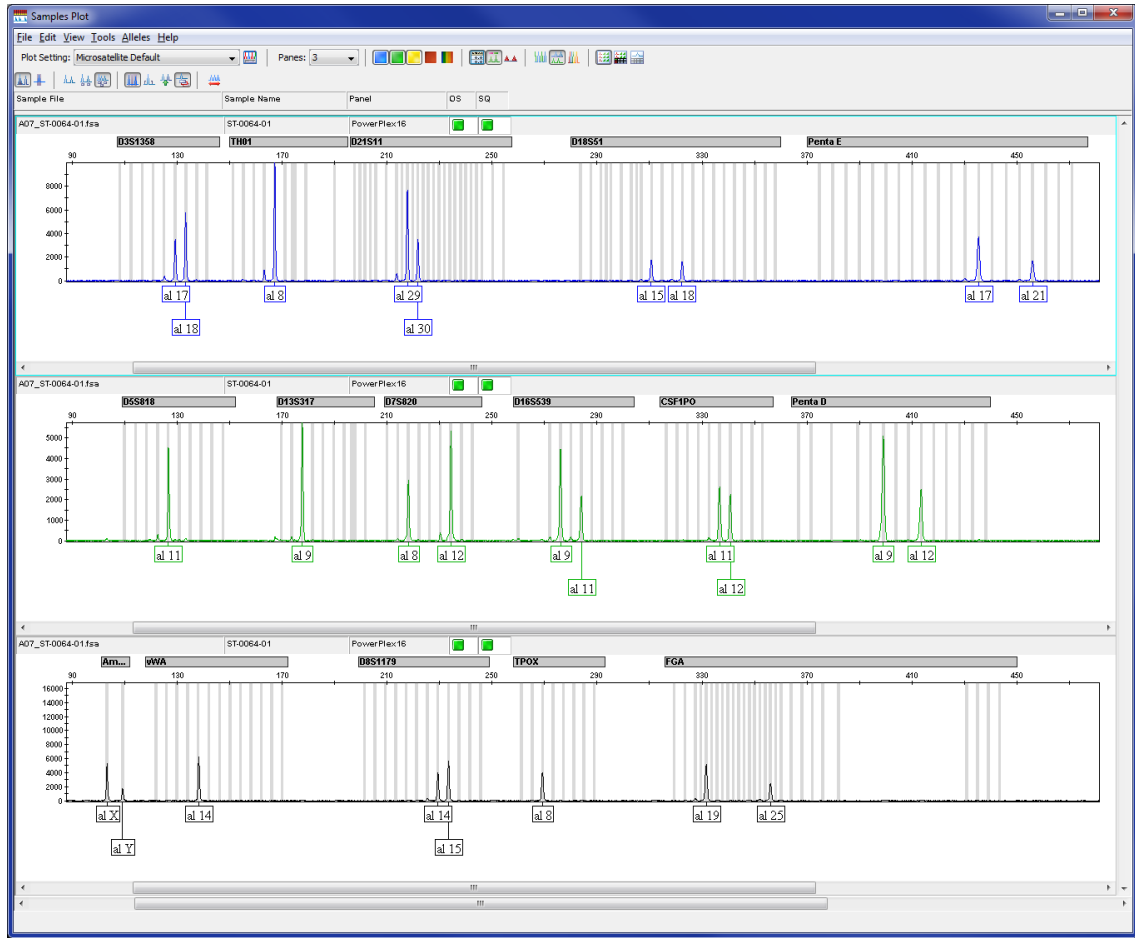
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Sample Information

Sample Number : 6

- 1) Cell No. : ST-0064_01 (Cell Name : OKAJIMA)
- 2) Cell No. : ST-0064_02 (Cell Name : MKN45)
- 3) Cell No. : ST-0064_03 (Cell Name : AGS)
- 4) Cell No. : ST-0064_04 (Cell Name : KATO-III)
- 5) Cell No. : ST-0064_05 (Cell Name : OCUM-1)
- 6) Cell No. : ST-0064_06 (Cell Name : NUGC-2)

Peak report (Cell No. : ST-0064_01)



STR Profile (Cell No. : ST-0064_01)

D3S1358	TH01	D21S11	D18S51	Penta_E	
17,18	8	29,30	15,18	17,21	
D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta_D
11	9	8,12	9,11	11,12	9,12
AM	vWA	D8S1179	TPOX	FGA	
X,Y	14	14,15	8	19,25	

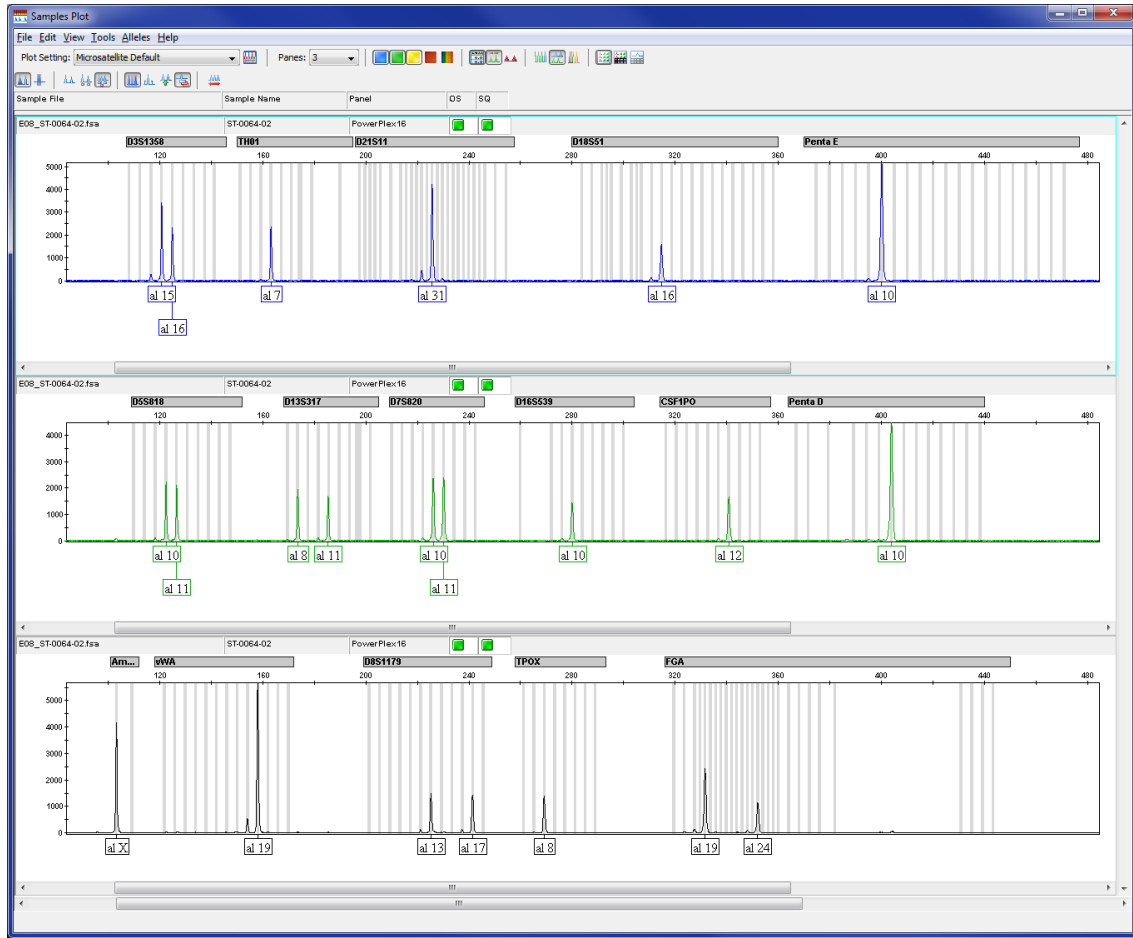
Comparison with database (Cell No. : ST-0064_01)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
ST-0064-01	OKAJIMA	11202014	1.000	11	9	8,12	9,11	14	8	X,Y	8	11,12
JCRB0324	BCNS1 KO	09302008	0.759	11	8,9	10,12	9,11	14,17	6	X,Y	8,11	11,12
JCRB3009	BCNS1 KO hTERT	04152008	0.759	11	8,9	10,12	9,11	14,17	6	X,Y	8,11	11,12
JCRB1463	KYSE3210	03122012	0.750	11	9	8,12	9	14,17	9	X	8	11
JCRB1218	UC701	10302007	0.690	10,11	9,10	8,12	10,11	16	6	X,Y	8,9	11,12
JCRB1229	PL512	02142008	0.690	10,11	9,10	8,12	10,11	16	6	X,Y	8,9	11,12
JCRB9088	Dempsy	050487	0.690	11,13	11	8,12	11,12	17,18	8,9,3	X,Y	8	11,12
JCRB0117	B104	07142009	0.667	11	10,11	12	9,11	16	7,8	X,Y	8,11	12
JCRB0314	FA9JTO	05302008	0.667	12	9,12	11	9,11	14	9	X,Y	8,11	11,12
JCRB0330	RBL182T	06072010	0.667	11,13	9	12	11	14,15	7	X,Y	8,9	12,13
JCRB1060	FA9JTOTERT	deposit	0.667	12	9,12	11	9,11	14	9	X,Y	8,11	11,12
ST-0064-01	OKAJIMA	11202014	1.000	11	9	8,12	9,11	14	8	X,Y	8	11,12

Summary (Cell No. : ST-0064_01)

It was confirmed that the cell (Cell No.: ST-0064_01, Cell Name: OKAJIMA) was not corresponding to the cell of the database of JCRB (Database of 2279 cells registered in ATCC, DSMZ, RIKEN CELL BANK, and JCRB).

Peak report (Cell No. : ST-0064_02)



STR Profile (Cell No. : ST-0064_02)

D3S1358	TH01	D21S11	D18S51	Penta_E
15,16	7	31	16	10

D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta_D
10,11	8,11	10,11	10	12	10

AM	vWA	D8S1179	TPOX	FGA
X	19	13,17	8	19,24

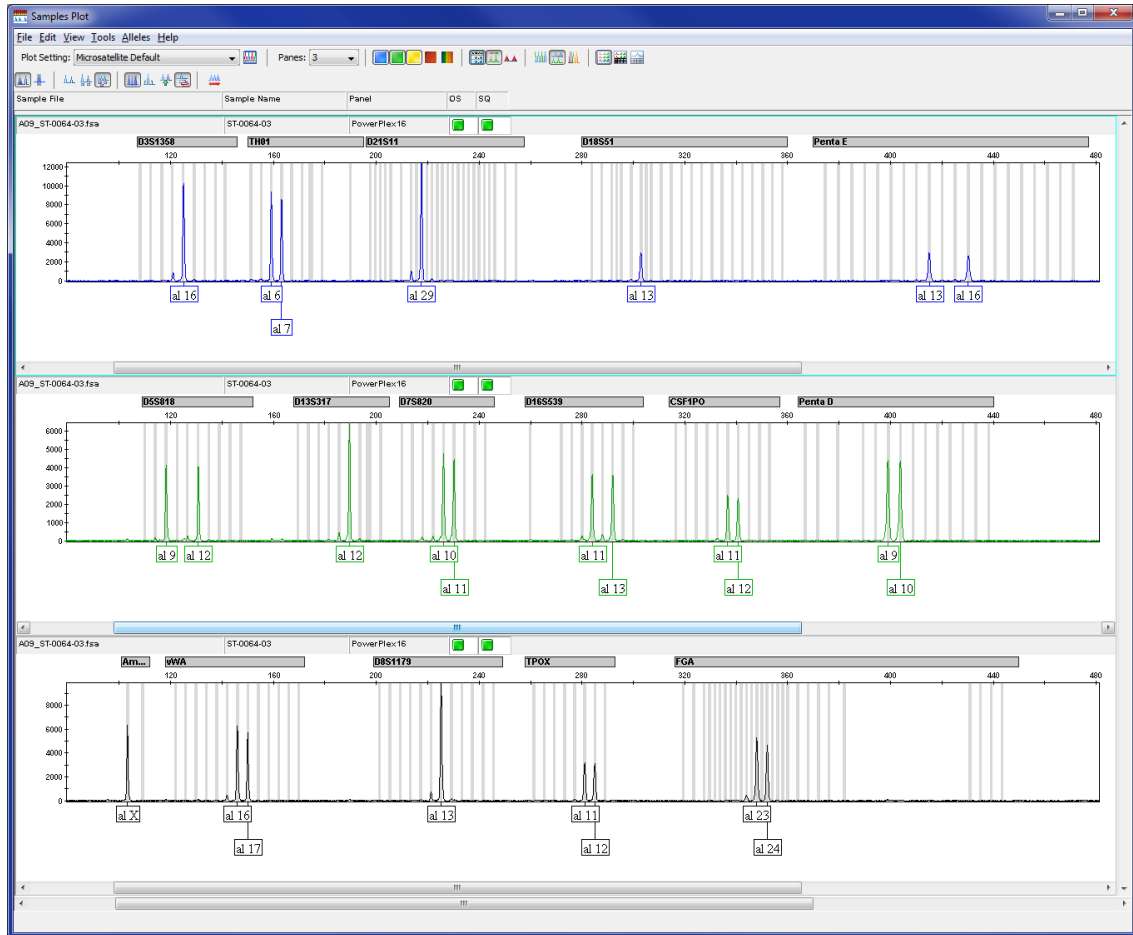
Comparison with database (Cell No. : ST-0064_02)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
ST-0064-02	MKN45	11202014	1.000	10,11	8,11	10,11	10	19	7	X	8	12
RCB1001	MKN45	-----	1.000	10,11	8,11	10,11	10	19	7	X	8	12
JCRB0254	MKN45	111795	1.000	10,11	8,11	10,11	10	19	7	X	8	12
JCRB1379	MKN45-Luc	10222010	1.000	10,11	8,11	10,11	10	19	7	X	8	12
JCRB1116	Yub 10F	08192005	0.741	10	8,11	10,11	10,13	13,14	6,7	X	8	11,12
JCRB1034	OUS-11	04122003	0.667	10,11	10,11	10,11	10	14,17	7	X	8,11	10,11
JCRB1405	Minami-2	04212011	0.667	10,11	8,11	9,11	9,10	14,17	7,9	X,Y	8,11	10,12
IFO50513	MTA	924	0.643	10,11	11	10,11	9,12	18,19	6,7	X	8,11	10,11
JCRB0331	AT(L)5KY	04212009	0.643	10,14	9,11	10,11	9,10	14,17	6,7	X	8	11,12
JCRB1030	JHH-6	09082009	0.643	10,11	11,12,13	11	10	14,18	7,9	X	8,9	10,12
JCRB1170	SKNO-1	08162006	0.643	10,13	8,11	10,12	10,11	14,17	7	X	8,9	12,13
ST-0064-02	MKN45	11202014	1.000	10,11	8,11	10,11	10	19	7	X	8	12

Summary (Cell No. : ST-0064_02)

It was confirmed that the cell (Cell No. : ST-0064_02, Cell Name: MKN45) was the same as the cell registered in RIKEN CELL BANK (RCB1001 MKN45), and the cell registered in JCRB (JCRB0254 MKN45, JCRB1379 MKN45-Luc), by the comparison with the database of JCRB Cell Bank.

Peak report (Cell No. : ST-0064_03)



STR Profile (Cell No. : ST-0064_03)

D3S1358	TH01	D21S11	D18S51	Penta_E	
16	6,7	29	13	13,16	
D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta_D
9,12	12	10,11	11,13	11,12	9,10
AM	vWA	D8S1179	TPOX	FGA	
X	16,17	13	11,12	23,24	

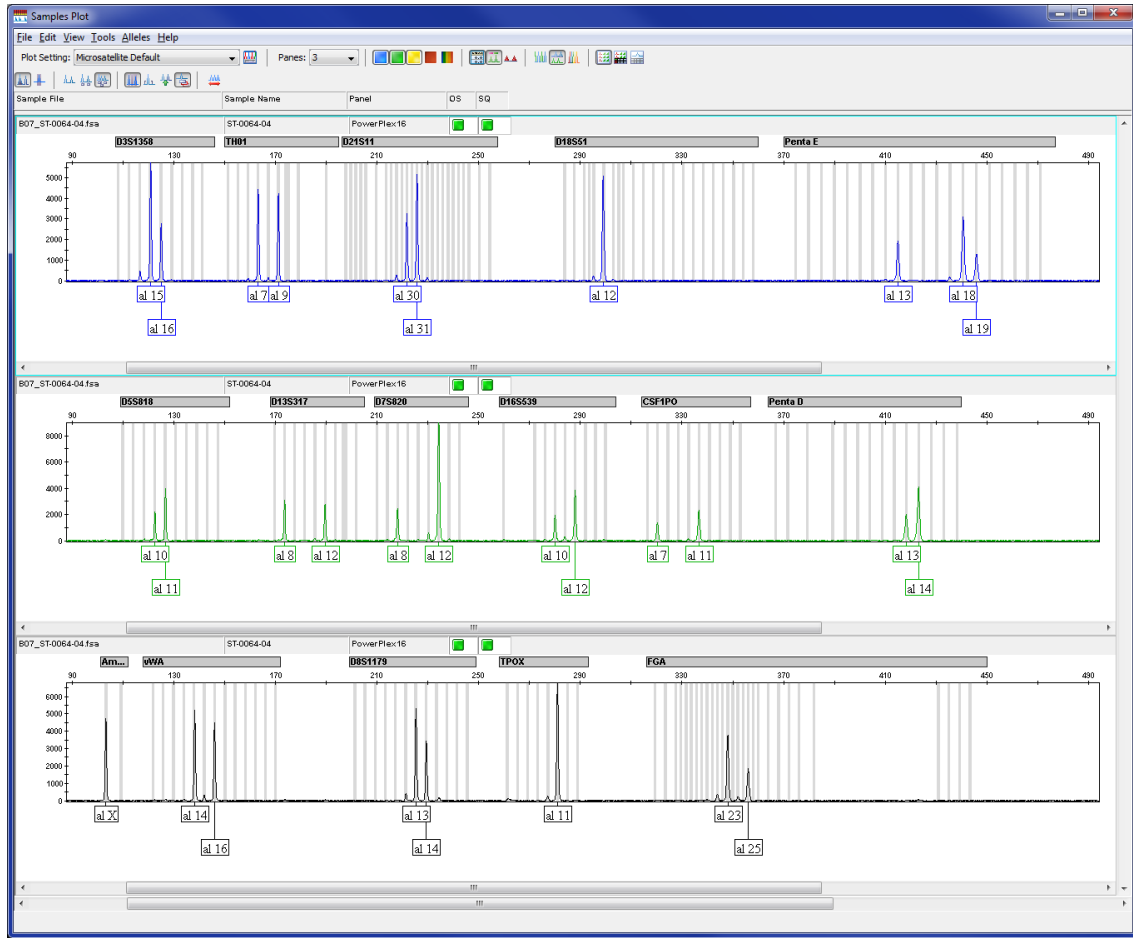
Comparison with database (Cell No. : ST-0064_03)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
ST-0064-03	AGS	11202014	1.000	9,12	12	10,11	11,13	16,17	6,7	X	11,12	11,12
COSS906790	AGS	-----	1.000	9,12	12	10,11	11,13	16,17	6,7	X	11,12	11,12
JCRB1093	PSVK1	12202004	0.750	12,13	12	10,11	9,13	16	6,7	X,Y	8,11	11,12
JCRB0106	SCCH-26	032787	0.710	11,12	11,12	10	11,12	16	6,7	X	8,11	11,12
JCRB0260	SAS	120798	0.688	9	10,12	11,12	12,13	10,14,17	6,7	X	11,12	11
JCRB1194	PL508	04242007	0.688	12,13	9,12	10,11	11,13	14,17	7,9	X	11	12,13
JCRB3018	BC-KP	07222014	0.688	9,11	8,12	8,10	11,13	14,17	6,7	X	9,11	11
CRL-2914	M4A4	atcc	0.667	11,12	12	8,10	13	16,18	6,7	X	8,11	11
JCRB0746	YKG-1	062496	0.667	10,11	8,12	10,11	11	16,17	6,9	X	11	12
JCRB0185	HCC-48	11162001	0.645	12	11	11	11,13	16,17,18	7,9	X	8,11	12,13
JCRB1090	NCE 16IIA	02182011	0.645	12	11,12	8,11	11,12	16,18	7	X	9,12	11,12
ST-0064-03	AGS	11202014	1.000	9,12	12	10,11	11,13	16,17	6,7	X	11,12	11,12

Summary (Cell No. : ST-0064_03)

It was confirmed that the cell (Cell No. : ST-0064_03, Cell Name: AGS) was the same as the cell registered in COSMIC Cell Line Project (COSS906790 AGS), by the comparison with the database of JCRB Cell Bank.

Peak report (Cell No. : ST-0064_04)



STR Profile (Cell No. : ST-0064_04)

D3S1358	TH01	D21S11	D18S51	Penta_E	
15,16	7,9	30,31	12	13,18,19	
D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta_D
10,11	8,12	8,12	10,12	7,11	13,14
AM	vWA	D8S1179	TPOX	FGA	
X	14,16	13,14	11	23,25	

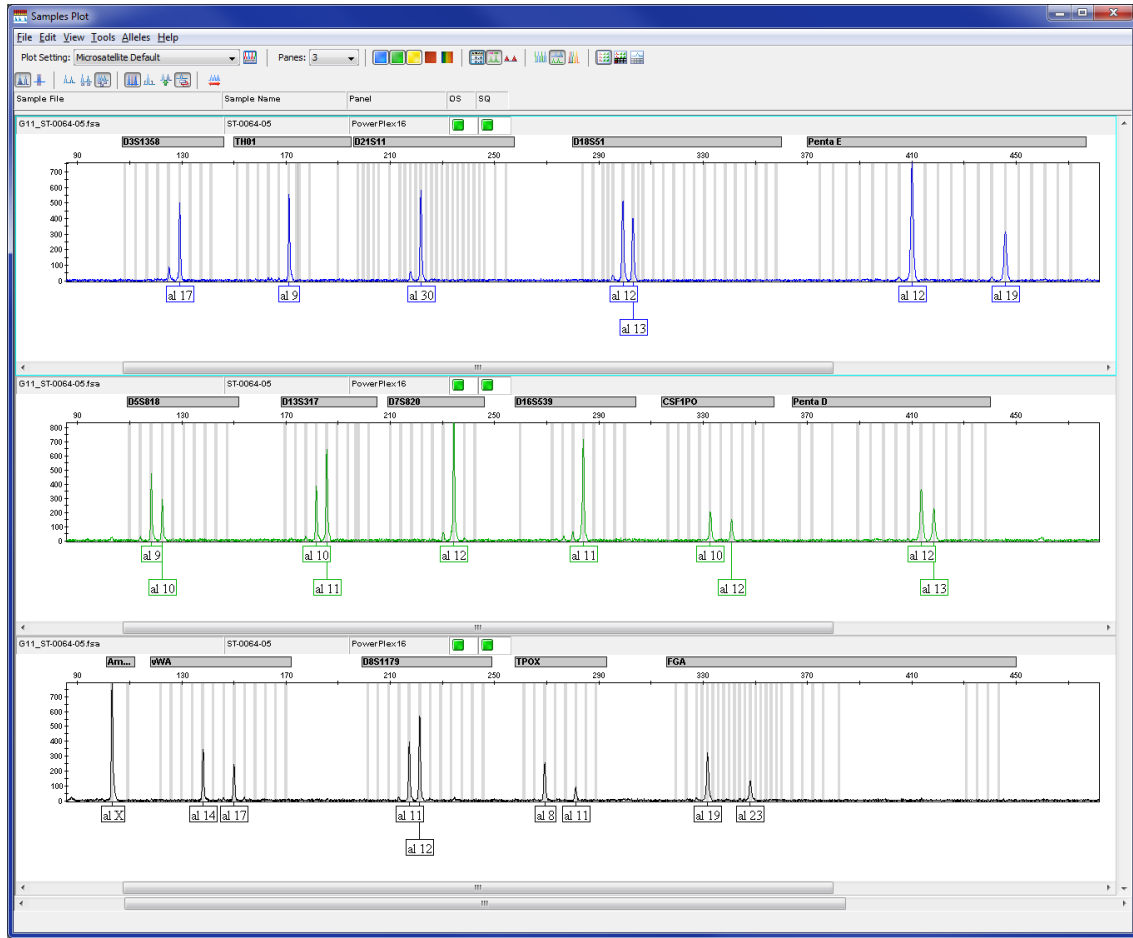
Comparison with database (Cell No. : ST-0064_04)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
ST-0064-04	KATO-III	11202014	1.000	10,11	8,12	8,12	10,12	14,16	7,9	X	11	7,11
HTB-103	KATO III	-----	1.000	10,11	8,12	8,12	10,12	14,16	7,9	X	11	7,11
RCB2088	Kato III	-----	1.000	10,11	8,12	8,12	10,12	14,16	7,9	X	11	7,11
JCRB0611	KATOIII	082995	1.000	10,11	8,12	8,12	10,12	14,16	7,9	X	11	7,11
JCRB1487	KATOIII/GMV-Luc	09112012	1.000	10,11	8,12	8,12	10,12	14,16	7,9	X	11	7,11
JCRB1581	Edom22	04142014	0.733	11	8,12	9,12	10,12	14,17	7,9	X	11	12
JCRB0301	XP2OS(SV)	02152011	0.714	11	9	8,12	12	14,16	9	X	11	10,11
JCRB1317	KCL-22	08152008	0.690	10,11	8,12	11,12	12	14	7,9	X	8	12
JCRB0525	TIG-2M-30	07282011	0.688	11,13	8,12	12	11,12	14,16	7,9	X	9,10	11,12
JCRB0534	TIG-114	09022011	0.688	10,11	8	9,11	9,10	14,16	7,9	X,Y	10,11	11
JCRB1437	iPS-TIG114-4f1	02152012	0.688	10,11	8	9,11	9,10	14,16	7,9	X,Y	10,11	11
ST-0064-04	KATO-III	11202014	1.000	10,11	8,12	8,12	10,12	14,16	7,9	X	11	7,11

Summary (Cell No. : ST-0064_04)

It was confirmed that the cell (Cell No. : ST-0064_04, Cell Name: KATO-III) was the same as the cell registered in ATCC (HTB-103 KATO III), the cell registered in RIKEN CELL BANK (RCB2088 Kato III), and the cell registered in JCRB (JCRB0611 KATOIII, JCRB1487 KATOIII/CMV-Luc), by the comparison with the database of JCRB Cell Bank.

Peak report (Cell No. : ST-0064_05)



STR Profile (Cell No. : ST-0064_05)

D3S1358	TH01	D21S11	D18S51	Penta_E	
17	9	30	12,13	12,19	
D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta_D
9,10	10,11	12	11	10,12	12,13
AM	vWA	D8S1179	TPOX	FGA	
X	14,17	11,12	8,11	19,23	

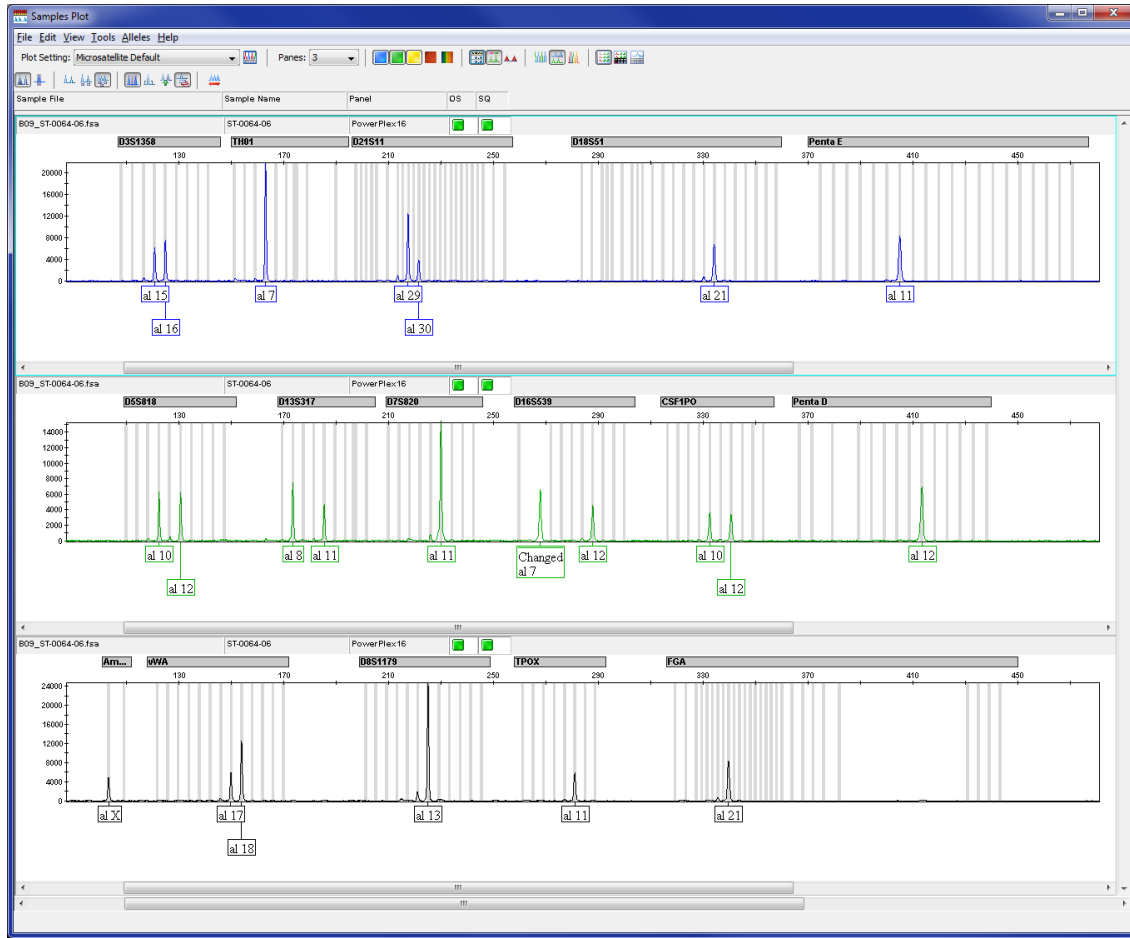
Comparison with database (Cell No. : ST-0064_05)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
ST-0064-05	OCUM-1	11202014	1.000	9,10	10,11	12	11	14,17	9	X	8,11	10,12
JCRB0192	OCUM-1	01222002	0.966	9,10	10,11	12	11	14,16,17	9	X	8,11	10,12
JCRB1188	KMS-27	03202007	0.733	10,12	10,11	11	11,12	14,17	6,9	X,Y	8	10,12
JCRB1197	PL509	06202007	0.733	9,10	9,11	11,12	11,12	14,17	6	X,Y	8	10,12
JCRB1217	MT-3	04012011	0.733	11	10,11	10,3,12	9,11	14,17	9	X,Y	8,9	10,12
JCRB1308	NCC-OvC-K119	11072008	0.720	9	8	12,13	11	14	9	X	8,11	10
IFO50434	KALS-1	918	0.692	9	10	10,12	11,13	14,17	9	X	8	9
JCRB1576	Onda 9	03122014	0.690	9,12	11	12	11,13	14,18	9	X,Y	8,9	10,12
JCRB1583	Onda 9R	04212014	0.690	9,12	11	12	11,13	14,18	9	X,Y	8,9	10,12
JCRB1607	Onda 9R-E12	09182014	0.690	9,12	11	12	11,13	14,18	9	X,Y	8,9	10,12
JCRB0105.1	KY821 A3	032087	0.667	9,10,11,12,13	8,9,11,12	11,12	10,11,12,13	14,17,18	7,9	X	8,11	10,12
ST-0064-05	OCUM-1	11202014	1.000	9,10	10,11	12	11	14,17	9	X	8,11	10,12

Summary (Cell No. : ST-0064_05)

It was confirmed that the cell (Cell No. : ST-0064_05, Cell Name: OCUM-1) was the same as the cell registered in JCRB (JCRB0192 OCUM-1), by the comparison with the database of JCRB Cell Bank.

Peak report (Cell No. : ST-0064_06)



STR Profile (Cell No. : ST-0064_06)

D3S1358	TH01	D21S11	D18S51	Penta_E	
15,16	7	29,30	21	11	
D5S818	D13S317	D7S820	D16S539	CSF1PO	Penta_D
10,12	8,11	11	7,12	10,12	12
AM	vWA	D8S1179	TPOX	FGA	
X	17,18	13	11	21	

Comparison with database (Cell No. : ST-0064_06)

Cell No.	Cell Name	Lot No.	EV	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TPOX	CSF1PO
ST-0064-06	NUGC-2	11202014	1.000	10,12	8,11	11	7,12	17,18	7	X	11	10,12
JCRB0821	NUGC-2	100496	1.000	10,12	8,11	11	7,12	17,18	7	X	11	10,12
IFO50413	KP-N-YN	896	0.710	10,11	8,11	11,13	12	14,17	7,9	X,Y	8,11	10,12
JCRB1325	MKPL-1	11182008	0.690	11,12	8,11	11	9	17,18	8,9,3	X	10,11	10,12
IFO50315	RMG-I	712	0.667	12	8,12	11	9,10	17,18	6,7	X	11	10
IFO50316	RMG-II	729	0.667	12	8,12	11	9,10	17,18	6,7	X	11	10
JCRB0042	HEC-1	08112010	0.667	11,13	11	11	11,12	18	6,7	X	11	10,12
JCRB0105.1	KY821A3	032087	0.667	9,10,11,12,13	8,9,11,12	11,12	10,11,12,13	14,17,18	7,9	X	8,11	10,12
JCRB0118	SKM-1	042099	0.667	10,12	11,13	10,11	9,11	18	7,9	X	8,11	10,12
JCRB0326	XP39OS	04222011	0.667	11,12	9,11	11,12	10,12	17,18	6,7	X	8,11	12
JCRB1057	XP39OSTERT	deposit	0.667	11,12	9,11	11,12	10,12	17,18	6,7	X	8,11	12
ST-0064-06	NUGC-2	11202014	1.000	10,12	8,11	11	7,12	17,18	7	X	11	10,12

Summary (Cell No. : ST-0064_06)

It was confirmed that the cell (Cell No. : ST-0064_06, Cell Name: NUGC-2) was the same as the cell registered in JCRB (JCRB0821 NUGC-2), by the comparison with the database of JCRB Cell Bank.