Cell Line Authentication Report

Institution：Cobioer Biosciences CO.,LTD

Customer：Taohua Jiang

Tel：025-86880024

Email：jiangtaohua@cobioer.com

Vendor：Cobioer Biosciences CO.,LTD

Attention：Taohua Jiang

Tel：025-86880024

Email：jiangtaohua@cobioer.com

科伯生物Cobioer

1. Sample information:

Sample No.: “Panc 08.13”

2. Methods:

a. Genomic DNA was extracted from the cell pellets provided by the customer.
b. Samples, together with positive and negative control were amplified using GenePrint System (Promega).
c. Amplified products were processed using the ABI3730xl Genetic Analyzer.
d. Data was analyzed by GeneMapper4.0 software and then compared with the ATCC, DSMZ or JCRB databases for reference matching.

3. Results:

STR profile

Marker	Sample				Database		
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3
Amelogenin	X	X			X	X	
D5S818	13	14			13	14	
D13S317	13	13			13	13	
D7S820	11	11			11	11	
D16S539	13	13			13	13	
vWA	18	18			18	18	
TH01	6	9.3			6	9.3	
TPOX	8	12			8	12	
CSF1PO	11	11			11	11	
D19S433	13	13					
D21S11	32.2	32.2					
D18S51	19	19					
D6S1043	11	14					
D3S1358	16	16					
Penta D	10	10					
D2S441	10	11.3					
D8S1179	10	14					
Penta E	16	17					
D12S391	23	23					
D2S1338	17	18					
FGA	21	23					

4. Conclusion

A. The STR results show that there are no four alleles on the main nine locus, there is certainly no cross contamination of human cells in this cell line.

B. The match percent between the sample and the STR database profile is **100%**, the cell name is **Panc 08.13.**

Similarity	Cell line	Source	Shared	D5S818	D7S820	D13S317	D16S539	vWA	TH01	TPOX	CSF1PO	Amelogenin
?		Your query		13, 14	11, 11	13, 13	13, 13	18, 18	6, 9.3	8, 12	11, 11	X, X
100 %	Panc 08.13	CRL-2551	9	13, 14	11, 11	13, 13	13, 13	18, 18	6, 9.3	8, 12	11, 11	X, X

Note:

1. The STR profile data was compared with the ATCC, DSMZ or JCRB databases, if the cell line is not included in the three institutions, the results are not correct. More information you provided would be useful for Cell Line Authentication.
2. Based on the ANSI Standard, cell lines with 100% match are considered to be "identical"; cell lines with ≥80% but less than 100% match are considered to be "related".

Operator：Xiaomei Liu, Qin Wang

Leader：Wei Zhou

Date：2023-09-03

科佰生物Cobioer