

# Cell Line Authentication Report

Institution: Clients' Institution Vendor: Cobioer Biosciences CO.,LTD  
Customer: Clients' Name Attention: San Zhang  
Tel: Clients' Phone Tel: 025-86880024  
Email: Clients' Email Email: tech@cobioer.com

## 1. Sample information:

Cell pellets, No.: “SNU-387”

## 2. Methods:

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

## 3. Results:

STR profile

Marker	Sample				ATCC		
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3
D5S818	10	12			10	12	
D13S317	12	12			12	12	
D7S820	8	10			8	10	
D16S539	9	9			9	9	
VWA	14	16			14	16	
TH01	7	7			7	7	
AMEL	X	X			X	X	
TPOX	8	9			8	9	
CSF1PO	13	14			13	14	
D12S391	18	19					
FGA	22	22					
D2S1338	17	23					
D21S11	31	31					
D18S51	14	14					
D8S1179	13	14					
D3S1358	16	16					
D6S1043	17	18					
PENTAE	16	16					
D19S433	14	14					

PENTAD	8	8				
--------	---	---	--	--	--	--

#### 4. Conclusion

A. The STR results showed that there were no four alleles in each locus, and no cross contamination of human cells was found in the cell line.

B. The percent match between the sample and the ATCC database profile is **100%**, the cell name is SNU-387.

Cell No.	Cell name	Locus names								
		D5S818	D13S317	D7S820	D16S539	VWA	TH01	AM	TPOX	CSF1PO
<i>Query (Your Cell)</i>		10, 12	12, 12	8, 10	9, 9	14, 16	7, 7	x, x	8, 9	13, 14
CRL-2237	SNU-387	10, 12	12, 12	8, 10	9, 9	14, 16	7, 7	X, X	8, 9	13, 14

Operator: Si Li

Leader: Wu Wang

Data: 2016-01-01