(1) UBIGER

## STR Authentication Report For Cell Line

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1. Cell Name: SH-SY5Y

- 2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer. JUBIGEN
- 3. Sample gene genotype analysis result:

Genotype analysis results of STR and Amelogenin loci in cells								
STR Loci	STR profile for Sample cell  Cell name: SH-SY5Y			STR profile for Cell Bank cell Cell name: SH-SY5Y				
								Allele1
	D5S818	12	12	JUBIC	12	12		
D13S317	11	11		11	11			
D7S820	7	10		7	10	- IBIGE		
D16S539	8	13		8	13			
VWA	14	18		14	18			
TH01	G 7	10		7	10			
AMEL	Х	Х		Х	Х			
TPOX	8	11	.0	8	11			
CSF1PO	11	11	UBIC	11	11			
D12S391	18	22				aE'		
FGA	23.2	24				NIBION		
D2S1338	17	19			(2)			
D21S11	31	31.2						
D18S51	13	16						
D8S1179	15	15						

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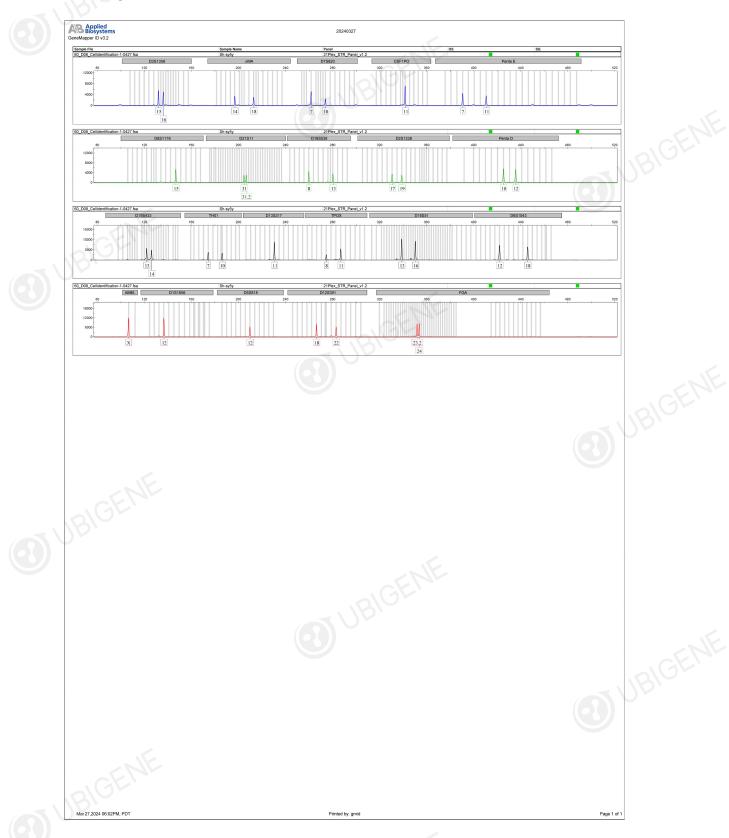
D3S1358	15	16			
D6S1043	12	18			
PENTAE	7	11	. C	ENE	
D19S433	13	14	UBIC	,	
PENTAD	10	12			-51
D1S1656	12	12			NBIG

4. Conclusion: The STR results of <u>SH-SY5Y</u> cells are consistent with the genotypes of <u>SH-SY5Y</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>209</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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## 5. Attached Image



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Online Inquiry

3 UBIGENE