(1) UBIGER

(1) UBIGENE **STR Authentication Report For Cell Line**

Tel: +86 153 6067 3248(Int'l) US Toll free: 855 777 3210 EU Toll free: 800 3272 9252

Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com Web: www.ubigene.us

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1. Cell Name: AGS

- 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.
- 3. Sample gene genotype analysis result:

	Genotype	analysis resu	ults of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: AGS			STR profile for Cell Bank cell Cell name: AGS			
	D5S818	9	12	NBIC	9	12	
D13S317	12	12		12	12		
D7S820	10	11		10	11	-11BIGE	
D16S539	11	13		11	13		
VWA	16	17		16	17		
TH01	6	7		6	7		
AMEL	Х	Х		Х	Х		
TPOX	11	12		11	12		
CSF1PO	11	12	UBIC	11	12		
D12S391	19	20				Œ!	
FGA	23	24				* I IBIO	
D2S1338	20	22			(2)		
D21S11	29	29					
D18S51	13	13					
D8S1179	13	13					

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D3S1358	16	16			
D6S1043	12	14			
PENTAE	13	16	. C	ENE	
D19S433	13.2	16	UBIC		
PENTAD	9	10			-E1
D1S1656	14	16			* IBIO

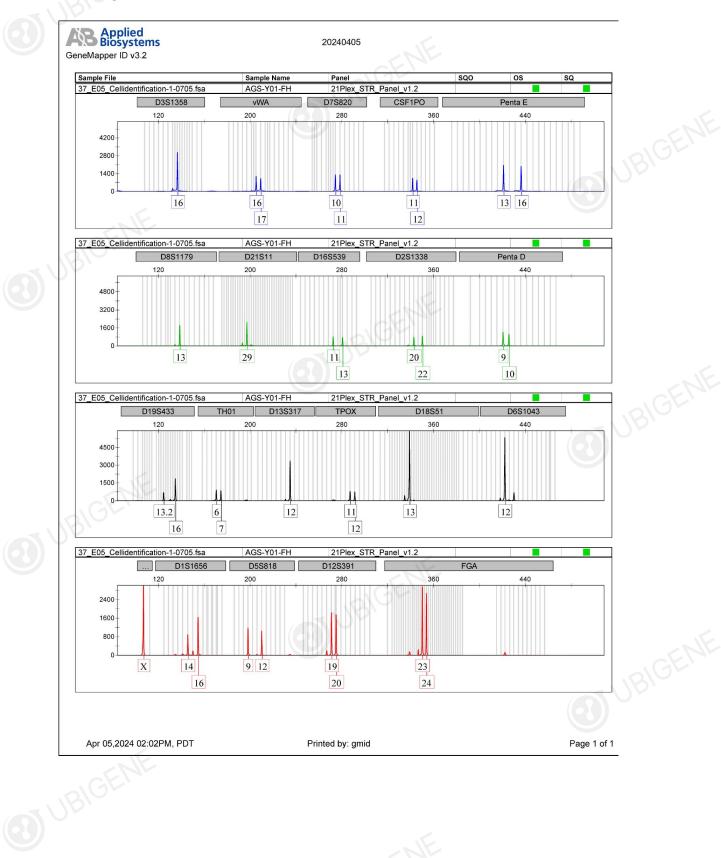
4. Conclusion: The STR results of <u>AGS</u> cells are consistent with the genotypes of <u>AGS</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-1739</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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