STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

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:

		XL Genetic A analysis resi					
	Genotype	e analysis resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: AGS			Cell name: AGS			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	9	12	- IBIC	9	12		
D13S317	12	12		12	12		
D7S820	10	11		10	11	, BIGE	
D16S539	11	13		11	13		
VWA	16	17		16	17		
TH01	6	7		6	7		
AMEL	Х	Х		Х	Х		
TPOX	11	12		N11	12		
CSF1PO	11	12	UBIC	11	12		
D12S391	19	20				-57	
FGA	23	24				- IBIGE	
D2S1338	20	22					
D21S11	29	29					
D18S51	13	13					
D8S1179	13	13					
D3S1358	16	16		CNE			
D6S1043	12	14	-11810				



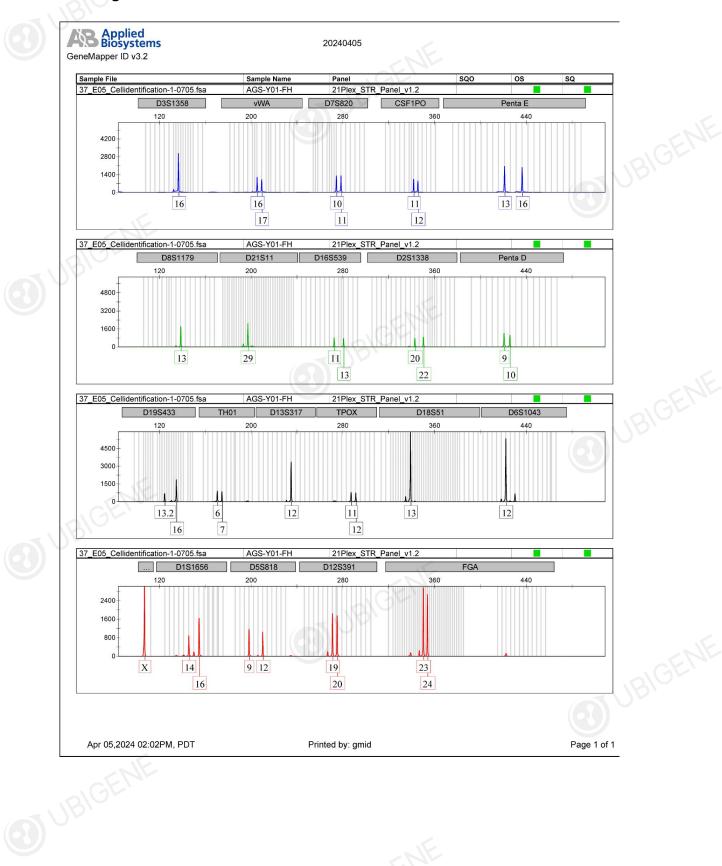
PENTAE	13	16			(6)	
D19S433	13.2	16				
PENTAD	9	10		ENE		
D1S1656	14	16	NIBIC			

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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