(1) UBIGER

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

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1. Cell Name: BEAS-2B

- 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									
.0	STR profile for Sample cell Cell name: STR25042507			STR profile for Cell Bank cell Cell name: BEAS-2B					
STR Loci									
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3			
D5S818	12	13	JUBIC	12	13				
D13S317	13	13		13	13				
D7S820	10	13		10	13	- IBIGE			
D16S539	12	12		12	12				
VWA	17	18		17	18				
TH01	G 7	9.3		7	9.3				
AMEL	Х	Υ		Х	Υ				
ТРОХ	6	11		6	11				
CSF1PO	9	12	OTUBIC	9	12				
D12S391	17	18				~ C			
FGA	20	24				· / IBIO			
D2S1338	22	23							
D21S11	28	30							
D18S51	18	19							
D8S1179	13	15							

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D3S1358	15	17			
D6S1043	12	18			
PENTAE	5	8	. C	ENE	
D19S433	13.2	15.2	UBIC		
PENTAD	3	13			٦٢١
D1S1656	14	15			- IBIO

4. Conclusion: The STR results of <u>BEAS-2B</u> cells are consistent with the genotypes of <u>BEAS-2B</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-9609</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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