(1) UBIGER

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

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1. Cell Name: Reh

- 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:

	Genoty	pe analysis	results of S	TR and Amel	logenin loci	in cells	
, ,	DIGERY	STR profile fo	or Sample cel	STR profile for Cell Bank cell Cell name: Reh			
STR Loci	9	Cell na	me: Reh				
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3
D5S818	11	13		BIG	11	13	
D13S317	11	13			11	13	72-
D7S820	9	12			9	12	IBIGE
D16S539	9	9			9	9(-1)	
VWA	14	15			14	15	
TH01	7	7			7	7	
AMEL	Х	Х			Х	Х	
TPOX	8	8		GEN	8	8	
CSF1PO	11	12		1BIO	10	11	12.0
D12S391	23	24	25.0				CET
FGA	22	23					IBIO
D2S1338	20	22				(3)	
D21S11	28	30	32.0				
D18S51	10	14					
D8S1179	12	13	14.0	15.0			

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D3S1358	18	18			
D6S1043	11	21			
PENTAE	7	11	GEN		
D19S433	12	14	JBIO		
PENTAD	9	11			757
D1S1656	15	15			IBIO

4. Conclusion: The STR results of <u>Reh</u> cells are consistent with the genotypes of <u>Reh</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CVCL\_1650</u>, and the STR results <u>basically matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

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## 5. Attached Image



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