STR Authentication Report For Cell Line

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1. Cell Name: Daoy

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 results of STR and Amelogenin loci in cells						
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell		
	Cell name: STR25030707			Cell name: Daoy		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	13		13	11	
D13S317	13	14		14	13	
D7S820	8	10		10	8	
D16S539	10	10		10	10	
VWA	14	20		20	14	
TH01	9	9		9	9	
AMEL	X	X		X	X	
TPOX	8	10		10	8	
CSF1PO	11	11		11	11	
D12S391	20	20				
FGA	23	23				
D2S1338	16	17				
D21S11	29	31.2				
D18S51	12	12				
D8S1179	13	15				

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D3S1358	15	15				
D6S1043	12	12				
PENTAE	7	11				
D19S433	14.2	14.2				
PENTAD	10	13				
D1S1656	15	17.3				

4. Conclusion: The STR results of **Daoy** cells are consistent with the genotypes of **Daoy** cell lines in **DSMZ** database, the cell ID corresponded to **HTB-186** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

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