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
Online Inquiry

1. Cell Name: HOS

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: STR25032018			Cell name: HOS		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	13	13		13	13	
D13S317	12	12		12	12	
D7S820	11	12		11	12	
D16S539	10	13		10	13	
VWA	18	18		18	18	
TH01	6	6		6	6	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	12	12		12	12	
D12S391	20	20				
FGA	24	24				
D2S1338	24	25				
D21S11	31.2	32.2				
D18S51	14	14				
D8S1179	14	14				

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
💬 Online Inquiry

D3S1358	15	15				
D6S1043	18	18				
PENTAE	7	12				
D19S433	13	13				
PENTAD	9	10				
D1S1656	13	15				

4. Conclusion: The STR results of **HOS** cells are consistent with the genotypes of **HOS** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-1543** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

UBIGENE Make genome editing easier

5. Attached Image

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
Online Inquiry