(1) UBIGER

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

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1. Cell Name: SK-OV-3

- 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 resu	ılts of STR and	Amelogenin	loci in cells	
STR Loci	STR profile for Sample cell  Cell name: SK-OV-3			STR profile for Cell Bank cell		
				Cell name: SK-OV-3		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	11	NBIC	11	11	
D13S317	8	11		8	11	
D7S820	13	14		13	14	- IBIGE
D16S539	12	13		12	12	
VWA	18	19		18	18	
TH01	G 9	9.3		9	9.3	
AMEL	Х	Х		Х	Х	
TPOX	8	11		8	11	
CSF1PO	11	11	UBIC	11	11	
D12S391	22	22				a E
FGA	24	25	26.0	24	25	26.0
D2S1338	18	23		18	23	
D21S11	30	31	31.2	30	31	31.2
D18S51	16	18		16	18	
D8S1179	14	15		14	15	

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D3S1358	14	14		14	14	
D6S1043	11	12				
PENTAE	5	13	. C	5	13	
D19S433	13.2	14	14.2	14	14.2	
PENTAD	12	13	14.0	12	13	251
D1S1656	11	17.3				* IBIO

4. Conclusion: The STR results of <u>SK-OV-3</u> cells are consistent with the genotypes of <u>SK-OV-3</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL\_0532</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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