(1) UBIGER

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

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1. Cell Name: 6T-CEM

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.

	gene genoty		tic Analyzer. result:				
	Genot	ype analysis	results of ST	TR and Amel	ogenin loci	in cells	
STR Loci	GEN	STR profile fo	or Sample cel	STR profile for Cell Bank cell			
	δ,	Cell name: S	TR24122002	Cell name: 6T-CEM			
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3
D5S818	11	13		BIO	11	13	
D13S317	11	12			11	12	
D7S820	9	14			9	14	IBIGE
D16S539	10	13			10	13	
VWA	17	19	20.0		17	19	
TH01	6	7			6	7	
AMEL	Х	Х			Х	Х	
ТРОХ	8	8		GEN	8	8	
CSF1PO	10	11		7BI	10	11	
D12S391	18	21					~E'
FGA	23	24					IBIG
D2S1338	24	24					
D21S11	30	31	32.2	33.2			
D18S51	13	17	18.0				
D8S1179	12	13					

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D3S1358	14	15	16.0			
D6S1043	11	14	15.0			
PENTAE	5	14		GEN		
D19S433	14	15		JBIO		
PENTAD	11	11				aET
D1S1656	16.3	19.3				UBIOL

4. Conclusion: The STR results of <u>6T-CEM</u> cells are consistent with the genotypes of <u>6T-CEM</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL_6869</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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