

# **Cell Line Authentication Report**

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## 1. Sample information:

Cell pellets, No.: "MV4-11"

## 2. Methods:

- a. Genomic DNA was extracted from the cell pellets provided by the customer.
- b. Samples, together with positive and negative control were amplified using GenePrint 10 System (Promega).
- c. Amplified products were processed using the ABI3500 Genetic Analyzer.
- d. Data were analyzed using GeneMapper4.0 software and then compared with the ATCC, DSMZ or JCRB databases for reference matching.

## 3. Results:

STR profile

Marker	Allele1	Allele 2
D5S818	11	12
D13S317	13	13
D7S820	8	9
D16S539	11	12
vWA	14	15
TH01	8	9.3
AMEL	X	Y
TPOX	8	11
CSF1PO	10	12
D12S391	21	23
FGA	19	21
D2S1338	24	25
D21S11	32	32.2
D18S51	11	17
D8S1179	13	13

D3S1358	16	17
D6S1043	12	20
PENTAE	7	18
D19S433	15	15
PENTAD	9	10
D1S1656	13	15.3

#### 4. Conclusion

A. The STR results showed that there were no four alleles in each locus, and no cross contamination of human cells was found in the cell line.

B. The percent match between the sample and the DSMZ database profile is 100%, the cell name is MV4-11.

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