

Figure 1. STR profiles of HONE1 cell line

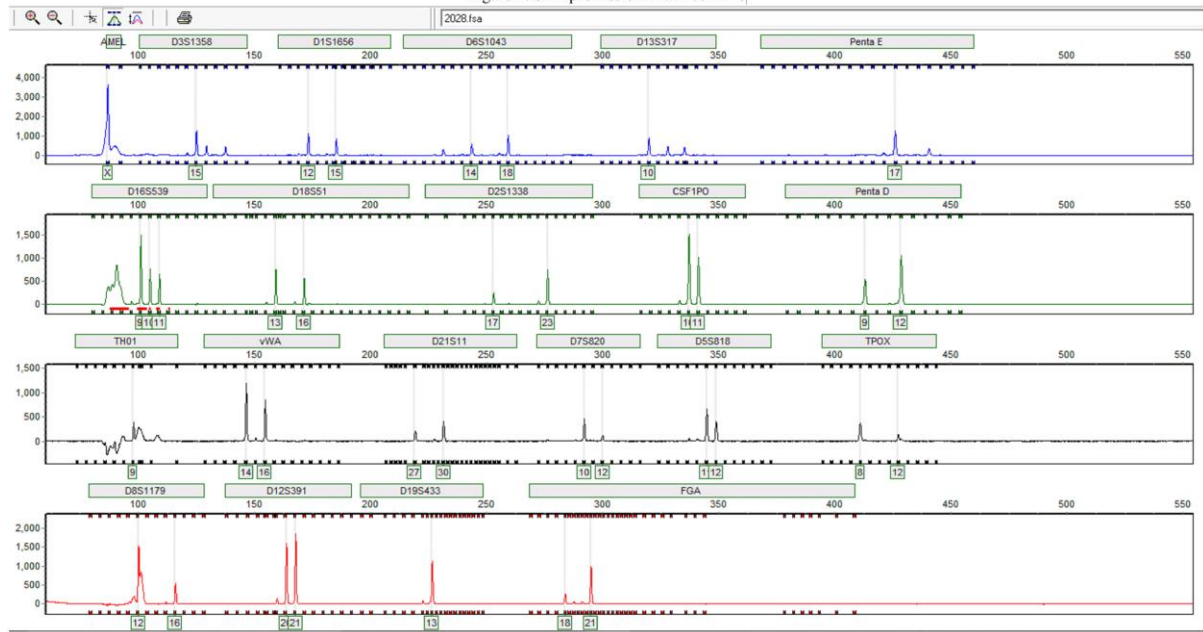


Table 1. STR profiles of HONE1 cell line

	Allele1	Allele2	Allele3
AMEL	x		
D3S1358	15		
D1S1656	12	15	
D6S1043	14	18	
D13S317	10		
Penta E	17		
D16S539	9	10	11
D18S51	13	16	
D2S1338	17	23	
CSF1PO	10	11	
Penta D	9	12	
TH01	9		
vWA	14	16	
D21S11	27	30	
D7S820	10	12	
D5S818	11	12	
TPOX	8	12	
D8S1179	12	16	
D12S391	20	21	
D19S433	13		
FGA	18	21	

Figure 2. Search result in ATCC database

SEARCH THE STR DATABASE

As part of our continuing efforts to characterize and authenticate the cell lines in the Cell Biology collection, ATCC has developed a comprehensive database of short tandem repeat (STR) DNA profiles for all of our human cell lines. [View our brief tutorial before starting.](#)

1. [STR Profiling Analysis](#)
2. [Matching Algorithm](#)
3. [Interrogating the Database](#)

There are no results.

Disclaimer: Reference to this database and the data contained therein may be cited in publications, and ATCC encourages such citation or reference. While every reasonable effort has been made to assure the accuracy of these data, no warranty, express or implied, is made by ATCC as to their accuracy.

Figure 3. Search result in DSMZ database

Result of STR matching analysis by your data.

- DSMZ Profile Database -

A graphical presentation is shown at the bottom of this page.

EV	Cell No.	Cell name	Locus names								Figures
			D5S818	D13S317	D7S820	D16S539	VWA	TH01	AME	TPOX	
	Query (Your Cell)	11, 12	10, 10	10, 12	9, 10, 11	14, 16	9, 9	x, x	8, 12	10, 11	

Figure 4. Authentication of the species of the sample



M: Marker. As the size of 700, 600, 500, 400, 300, 200 and 100bp from up to down.

Nine species are checked, as follow: *Homo sapiens* 391bp, *Cricetulus griseus* 315bp, *Macaca mulatta* 287bp, *Cercopithecus aethiops* 222bp, *Rattus norvegicus* 196bp, *Canis familiaris* 172bp, *Mus musculus* 150bp, *Bos Taurus* 102bp, IC 70bp

JD2028: The sample. The band size is 391bp which matches the size of human.