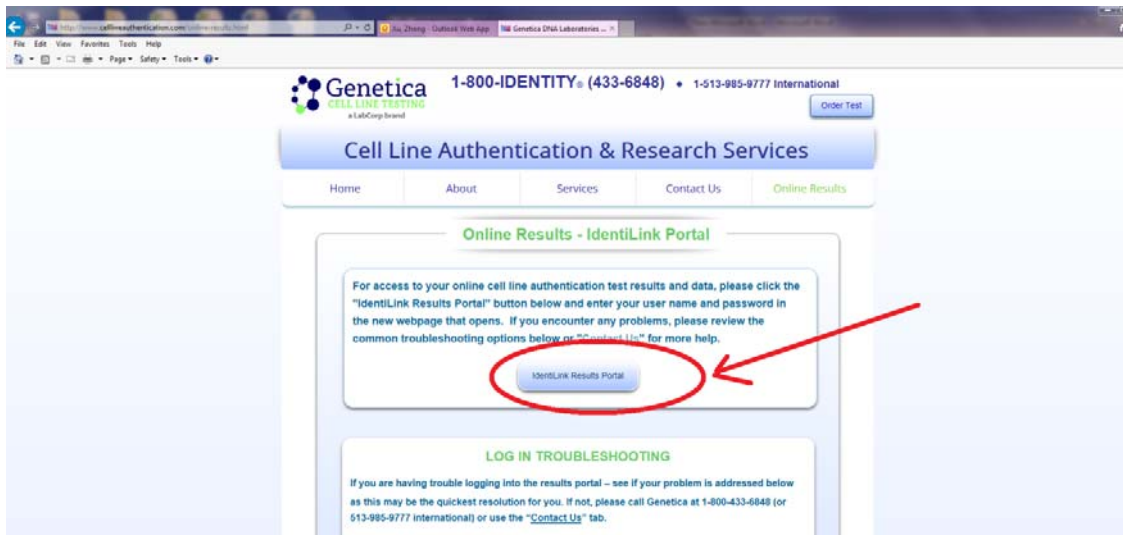


## How to read the cell line STR Profiling Test Results

### 1. Download

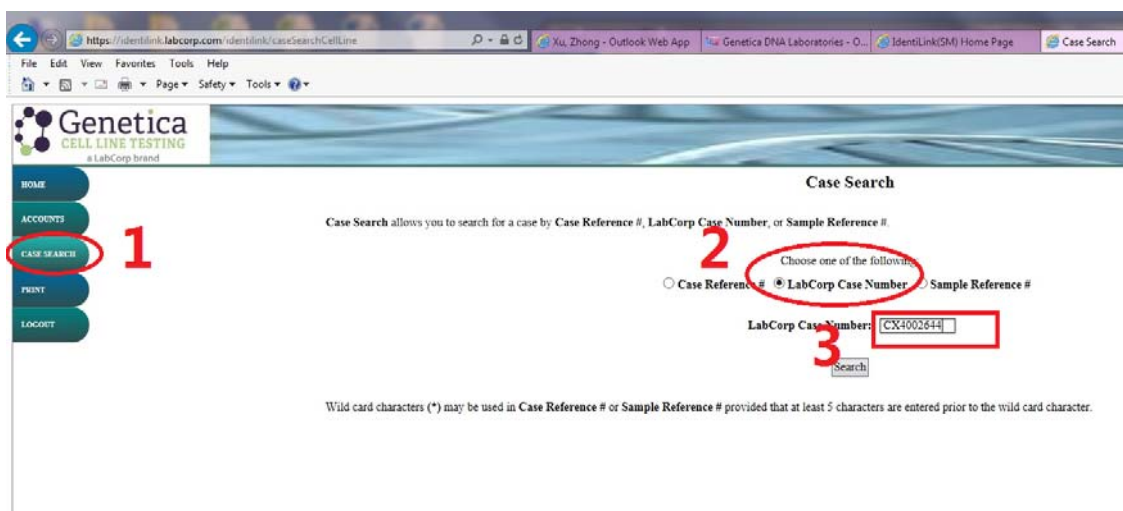
(1) Get “case numbers” from email. Click the link below, and then click “IdentiLink Results Portal”

<http://www.celllineauthentication.com/online-results.html>

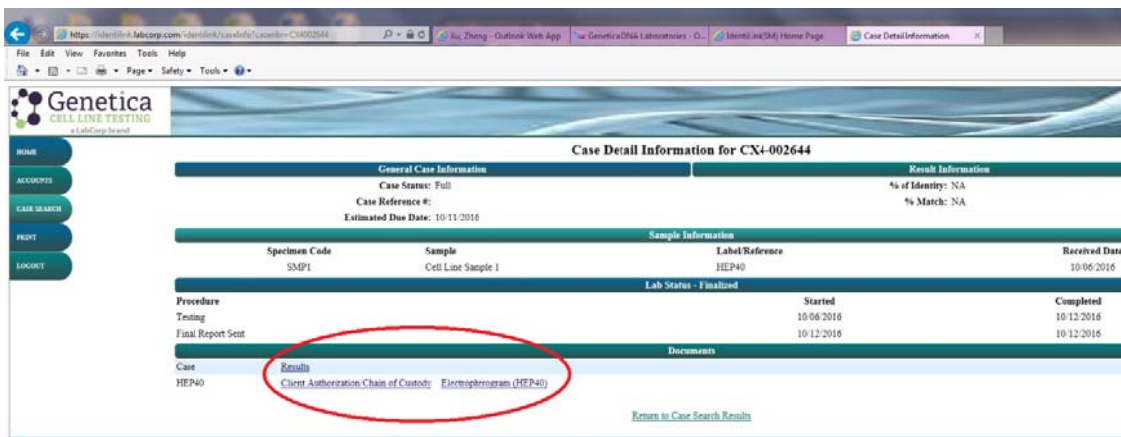
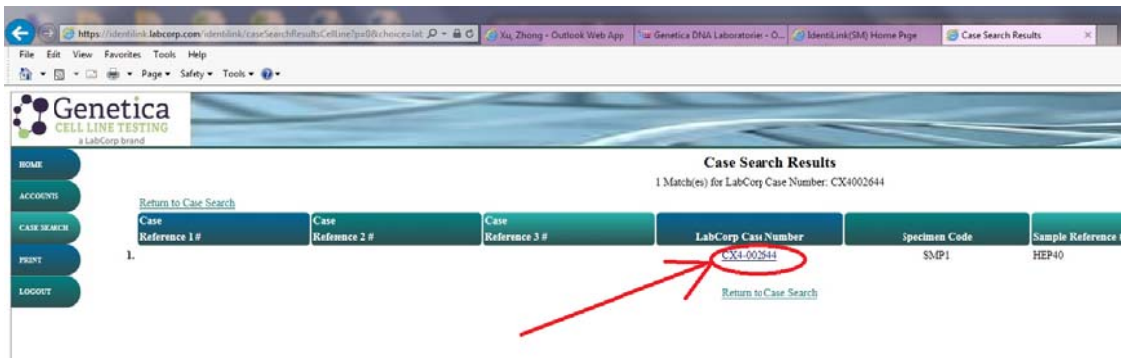


(2) Login using lab's account

(3) Choose Case Search as following, search by “case number”.



(4) Click the link under “LabCorp Case Number”, and then download the result.



Example (part):

Cell Line Evaluation										
LabCorp Case # CX4-002644										
<b>Sample</b>	<b>Label/Reference</b>					<b>LabCorp Id</b>	<b>Received</b>			
Cell Line Sample 1	HEP40					6A6-9051-0	10/06/2016			
<b>DNA Analysis</b>										
	D3S1358	D7S820	vWA	FGA	D8S1179	D21S11	D18S51	D5S818	D13S317	D16S539
SMP1	14, 18	11	18, 19	22	13	31, 32, 2	19	11, 12	9, 12	12
<b>DNA Analysis</b>										
	TH01	TPOX	CSF1PO	AMEL	Penta D	Penta E				
SMP1	9, 3	12	11, 12	X	9, 13	12				

## 2. Compare

Analysis the result by two online tools as following

### (1) ATCC

[https://www.atcc.org/STR\\_Database.aspx](https://www.atcc.org/STR_Database.aspx)

Login using lab's account

Example (part): fill the result of AMEL, D5S818, D13S317, D7S820, D16S539, vWA,... and then click "Matches"

### Search by ATCC Number:

OR

### Search by Amelogenin (AMEL) + at least 7 loci: Separate each allele entry with a comma (e.g., CSF1PO = 11, 12)

AMEL:  ?

Plus

D5S818:

D13S317:

D7S820:

D16S539:

vWA:

TH01:

TPOX:

CSF1PO:  X

DSMZ

<https://www.dsmz.de/services/services-human-and-animal-cell-lines/online-str-analysis.html>

Login using lab's account

Example (part): fill the result of AM(AMEL), D5S818, D13S317, D7S820, D16S539, vWA,... and then click "Go STR analysis"

Online STR matching analysis

The human STR profile database includes data sets of 2495 cell lines from ATCC, DSMZ, JCRB and FROTH.  
Clicking on the locus names will link you to further info.  
[Click on the locus names](#)

Go STR analysis with v-over after entering your data below

Locus name	D5S818	D13S317	D7S820	D16S539	vWA	TH01	AM	TH01	CSF1PO
Enter your STR data	<input type="text" value="11"/>	<input type="text" value="12"/>	<input type="text" value="11"/>	<input type="text" value="12"/>	<input type="text" value="16"/>	<input type="text" value="9"/>	<input type="text" value="12"/>	<input type="text" value="11"/>	<input type="text" value="11"/>
Example data (MUTZ-0)	12,13	8,12	10,12	12,12	14,16	8,9,3	8,9	8,11	12,13

Last update 22.01