# Cell Line Short Tandem Repeat (STR) Profile Report

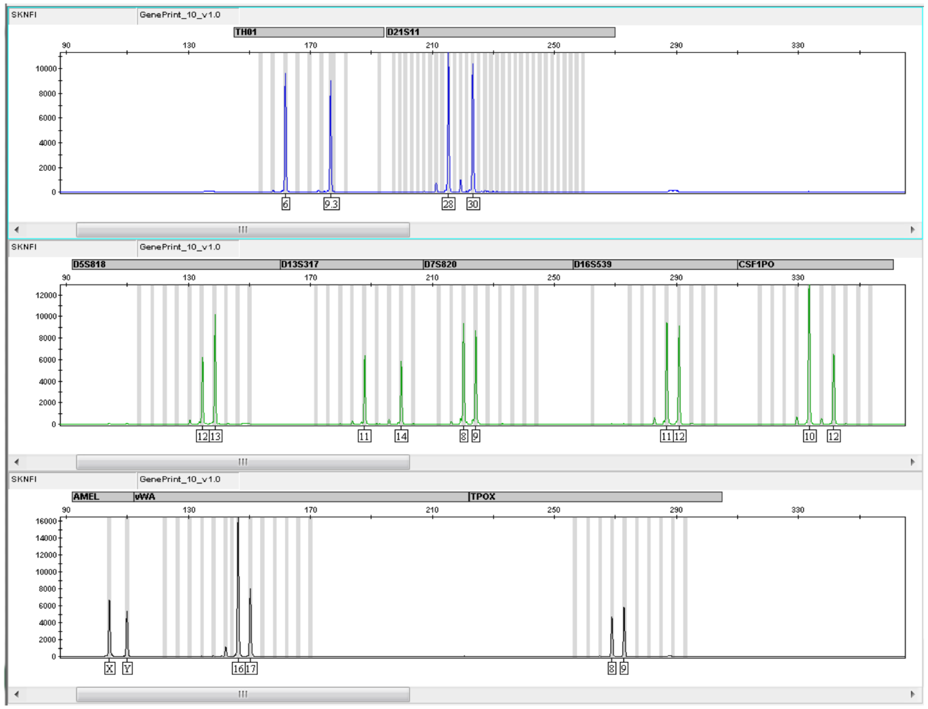
**Principal Investigator:**
**Institution:**
**Cell Line ID:** SKNFI
**Report Date:** February 25, 2022
**Submitting Researcher:**
**Sample Type Submitted:** Cultured cells
**Tracking ID:** CLA-Mycoplasma Testing-Request_External - _2022.02.18
**Profile Kit Requested:** GenePrint 10 (Promega)

## STR Profile:

| Loci | SKNFI |
|---|---|
| AMEL | X,Y |
| CSF1PO | 10,12 |
| D13S317 | 11,14 |
| D16S539 | 11,12 |
| D21S11 | 28,30 |
| D5S818 | 12,13 |
| D7S820 | 8,9 |
| TH01 | 6,9.3 |
| TPOX | 8,9 |
| vWA | 16,17 |

» Loci with one allele listed are homozygous for that STR marker.

## STR Graphic Profile:



*Peaks that appear to be legitimate stutter or are spectral bleed-through artifacts are not labeled.*

- This report provides a STR profile for the cell line submitted, it does not automatically authenticate the cell line. Authentication is determined by comparison to the STR profile of the original donor tissue or cell stock. This STR profile can be used to verify the cell line is human, evaluate profile consistency between provisionally related cell isolates, detect cross-contamination with another human cell line (intra-species contamination), and to compare to profile databases, which we strongly recommend. This STR report does not rule out cross-contamination with an inter-species cell line (non-human).
- Please see the Pdf file *Additional Information* sent with the results for more information about interpreting your STR profile and links to profile databases.

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**Procedure:**

A Promega GenePrint 10 Kit is used to PCR amplify eight short tandem repeat (STR) loci plus a gender determining marker, Amelogenin. The PCR product is electrophoresed on an ABI Prism® 3730xl Genetic Analyzer using an ILS600 internal lane standard (Promega). Data is analyzed using GeneMapper® v 4.0 software (Applied Biosystems). An allelic ladder that contains fragments of the same lengths as many of the known alleles for the loci is used to determine the amplified sample fragments alleles. Appropriate positive and negative controls are used.

**Raw Data Table:** (STR markers with one allele listed are homozygous for that marker.)

| Sample Name | Marker | Allele 1 | Allele 2 | Size 1 | Size 2 | Height 1 | Height 2 | Peak Area 1 | Peak Area 2 |
|---|---|---|---|---|---|---|---|---|---|
| SKNFI | AMEL | X | Y | 104.07 | 109.91 | 00:00.0 | 5360 | 40885 | 31766 |
| SKNFI | CSF1PO | 10 | 12 | 333.48 | 341.53 | 12944 | 6500 | 91378 | 46584 |
| SKNFI | D13S317 | 11 | 14 | 187.77 | 199.74 | 6399 | 5825 | 39075 | 35907 |
| SKNFI | D16S539 | 11 | 12 | 286.78 | 290.86 | 9432 | 9111 | 64526 | 61935 |
| SKNFI | D21S11 | 28 | 30 | 215.17 | 223.21 | 11318 | 10398 | 70258 | 66048 |
| SKNFI | D5S818 | 12 | 13 | 134.64 | 138.75 | 6209 | 10188 | 38279 | 61604 |
| SKNFI | D7S820 | 8 | 9 | 220.21 | 224.23 | 9343 | 8684 | 59025 | 55886 |
| SKNFI | TH01 | 6 | 9.3 | 161.83 | 176.65 | 9624 | 9063 | 57747 | 54285 |
| SKNFI | TPOX | 8 | 9 | 268.82 | 272.8 | 4669 | 5807 | 30814 | 38708 |
| SKNFI | vWA | 16 | 17 | 146.29 | 150.32 | 16485 | 8029 | 101342 | 50397 |

Cellosaurus

# CLASTR 1.4.4

## The Cellosaurus STR Similarity Search Tool

### Markers

Human | Mouse | Dog

| | | | | |
|---|---|---|---|---|
| Amelogenin | X,Y | D1S1656 | | ☐ |
| CSF1PO | 10,12 | D2S441 | | ☐ |
| D2S1338 | | D6S1043 | | ☐ |
| D3S1358 | | D10S1248 | | ☐ |
| D5S818 | 12,13 | D12S391 | | ☐ |
| D7S820 | 8,9 | D22S1045 | | ☐ |
| D8S1179 | | DXS101 | | ☐ |
| D13S317 | 11,14 | DYS391 | | ☐ |
| D16S539 | 11,12 | F13A01 | | ☐ |
| D18S51 | | F13B | | ☐ |
| D19S433 | | FESFPS | | ☐ |
| D21S11 | 28,30 | LPL | | ☐ |
| FGA | | Penta C | | ☐ |
| Penta D | | SE33 | | ☐ |
| Penta E | | | | |
| TH01 | 6,9.3 | | | |
| TPOX | 8,9 | | | |
| vWA | 16,17 | | | |

### Scoring

*Algorithms:*
○ Tanabe
○ Masters (vs. query)
○ Masters (vs. reference)

*Modes:*
○ Non-empty markers
○ Query markers
○ Reference markers

☐ Include Amelogenin

### Filters

| | |
|---|---|
| *Score Filter:* | 60% |
| *Min Markers:* | 8 |
| *Max Results:* | 200 |

### Actions

Search

Load File

Example

Reset

Help About

Results of similarity search on the **7919 human** cell lines with STR profiles in Cellosaurus release **40.0**

Export table

| Accession | Name | Nº Markers | Score | Amel | CSF1PO | D2S1338 | D3S1358 | D5S818 | D7S820 | D8S1179 | D13S317 | D16S539 | D18S51 | D19S433 | D21S11 | FG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NA** | **Query** | **NA** | **NA** | **X,Y** | **10,12** | | | **12,13** | **8,9** | | **11,14** | **11,12** | | | **28,30** | |
| CVCL_1702 | SK-N-FI | 9 | 100.00% | X,Y | 10,12 | 17,18 | 16,18 | 12,13 | 8,9 | 11,12 | 11,14 | 11,12 | 12,14 | 12 | 28,30 | 22 |
| CVCL_0093 *Best* | RS4;11 | 9 | 76.47% | X | 11,12 | 20,25 | 15,17 | 12,13 | 8,12 | 13,14 | 11 | 11,12 | 12,16 | 12,14 | 28,30 | 24, |
| CVCL_0093 *Worst* | RS4;11 | 9 | 72.73% | X | 11,12 | 20,25 | 15,17 | 12 | 8,12 | 13,14 | 11 | 11,12 | 12,16 | 12,14 | 28,30 | 24, |
| CVCL_7811 | UT-SCC-15 | 9 | 76.47% | X | 12,15 | 19 | 15 | 12,13 | 8,9 | 13 | 11 | 11,12 | 12,14 | 15,15.2 | 28 | 25 |
| CVCL_B886 | GENEA078 | 9 | 75.00% | X | 10,11 | 17,24 | 15 | 12,13 | 8,10 | 11,13 | 11 | 12 | 12,13 | 14,15 | 28,30 | 22, |
| CVCL_B451 | OX-CO-1 | 9 | 75.00% | X | 12 | | | 12 | 8,12 | | 11 | 11,12 | | | 30 | |
| CVCL_1982 | CL-40 | 9 | 74.29% | X | 10,12 | | 16 | 11 | 8,9 | 12,14 | 8,11 | 11,12 | 14 | | 30,32.2 | 21, |
| CVCL_YC25 | GIBHi002-A | 9 | 74.29% | X | 10,12 | | 15,18 | 12,13 | 8,11 | 10,14 | 8,12 | 11,12 | 13,16 | | 28,30 | 22, |
| CVCL_0936 | Hs 832(C).T | 9 | 74.29% | X | 10,12 | | 14,16 | 10,11 | 8,9 | 12,13 | 11,12 | 11,12 | 16,17 | | 28,32.2 | 24, |
| CVCL_0814 | Hs 600.T | 8 | 73.33% | X,Y | 10,12 | | | 11,12 | 8,9 | | 11 | 11,12 | | | | |
| CVCL_0860 | Hs 704.Sk | 8 | 73.33% | X | 10,12 | | | 11,12 | 8,10 | | 11,12 | 11,12 | | | | |
| CVCL_0861 | Hs 704.T | 8 | 73.33% | X | 10,12 | | | 11,12 | 8,10 | | 11,12 | 11,12 | | | | |
| CVCL_0887 | Hs 742.Sk | 8 | 73.33% | X | 10,12 | | | 12 | 8,9 | | 9,12 | 11,12 | | | | |
| CVCL_0888 | Hs 742.T | 8 | 73.33% | X | 10,12 | | | 12 | 8,9 | | 9,12 | 11,12 | | | | |
| CVCL_B160 | HUES 29 | 9 | 72.73% | X | 10,12 | | 14,15 | 11,12 | 8,9 | 11,13 | 11,12 | 11,12 | 14,16 | | 31.2 | 21, |
| CVCL_3901 | EA.hy 926 | 8 | 72.73% | X | 10,11,12 | | | 11 | 8,9,10 | | 11 | 11,12 | | | | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CVCL_B165 | HUES 33 | 9 | 72.22% | X | 10,13 | 17,24 | 14,15 | 12,13 | 9,11 | 11 | 8,11 | 11,12 | 13,20 | 14 | 28,29 | 23, |
| CVCL_2197 | SKW-3 | 9 | 72.22% | X,Y | 10,12 | 19,25 | 15,18 | 12,13 | 8,12 | 11,14 | 8,12 | 11,12 | 13,18 | 13,15 | 28,29,30 | 24, |
| CVCL_A9W1 | GSC#452C | 8 | 71.43% | X | 10,12 | | | 12,13 | 8 | | 8,12 | 11 | | | | |
| CVCL_A9W2 | GSC#452P | 8 | 71.43% | X | 10,12 | | | 12,13 | 8 | | 8,12 | 11 | | | | |
| CVCL_4364 | NCI-H1622 | 8 | 71.43% | X,Y | 10 | | | 12 | 10,12 | | 11 | 11,12 | | | | |
| CVCL_4W97 | NCI-H23-Luc | 8 | 71.43% | X | 10 | | | 12,13 | 9,10 | | 12 | 11 | | | | |
| CVCL_G002 | HCC60 | 9 | 70.97% | X | 10 | | 15 | 12,13 | 9,10 | 15 | 12 | 11 | 14 | | 30 | 24 |
| CVCL_1458 *Best* | NCI-H1184 | 9 | 70.97% | X,Y | 10 | | 14 | 12 | 12 | 10,11 | 11 | 11,12 | 16,20 | | 32.2 | 22 |
| CVCL_1458 *Worst* | NCI-H1184 | 9 | 64.52% | X,Y | 10 | | 14 | 12 | 10,12 | 10,11 | 11 | 11,12 | 16,20 | | 32.2 | 22 |
| CVCL_1547 *Best* | NCI-H23 | 9 | 70.97% | X | 10 | 18,23 | 15 | 12,13 | 9,10 | 15 | 12 | 11 | 14,16 | 12,14 | 30 | 24 |
| CVCL_1547 *Worst* | NCI-H23 | 9 | 64.52% | X | 10 | 18,23 | 15 | 12 | 9,10 | 15 | 12 | 9,11 | 14,16 | 12,14 | 30 | 24 |
| CVCL_4613 | BDCM | 8 | 70.97% | X,Y | 10,11 | | | 12,13 | 9,11 | | 11 | 10,11 | | | | |
| CVCL_0F60 | CCD-973Sk | 8 | 70.97% | X | 11,12 | | | 12,13 | 8,11 | | 11,12 | 11,12 | | | | |
| CVCL_1327 | KE-37 | 8 | 70.97% | X,Y | 10,12 | | | 12,13 | 8,12 | | 8,12 | 11,12 | | | | |
| CVCL_EE38 | SIGi001-A | 8 | 70.97% | X | 10,12 | | | 12,13 | 8,11 | | 8,12 | 11,12 | | | | |
| CVCL_2635 *Best* | NCI-BL1184 | 9 | 70.59% | X,Y | 10 | | 14,15 | 11,12 | 10,12 | 10,11 | 11 | 11,12 | 16,20 | | 28,32.2 | 22, |
| CVCL_2635 *Worst* | NCI-BL1184 | 9 | 66.67% | X,Y | 10 | | 14,15 | 11,12 | 10,12 | 10,11 | 11 | 11,12 | 16,20 | | 28,32.2 | 22, |
| CVCL_S426 | NZM041 | 9 | 70.59% | X | 10,11 | 19,20 | 15,16 | 12,13 | 10 | 13,15 | 8,11 | 11,12 | 12,19 | 13,14 | 29,30 | 25, |
| CVCL_S424 | NZM047 | 9 | 70.59% | X | 10,11 | 19,20 | 15,16 | 12,13 | 10 | 13,15 | 8,11 | 11,12 | 12,19 | 13,14 | 29,30 | 25, |
| CVCL_1635 | Panc 03.27 | 9 | 70.59% | X | 10,11 | | 15,16 | 12,13 | 8,13 | 13,14 | 11,12 | 12 | 18 | | 29,30 | 22, |
| CVCL_A5SM | Wilms11 | 9 | 70.59% | X,Y | 10,12 | | 15,17 | 12,13 | 8,9 | 13 | 12 | 11,12 | 14,21 | | 29,30 | 23, |
| CVCL_S457 | Fsp 62891 | 8 | 70.00% | X,Y | 7,10,12,13 | | | 12 | 8,9,11,12 | | 8,11,14 | 11,12,13 | | | | |
| CVCL_1158 | D-392MG | 8 | 68.97% | X | 12,13 | | | 12 | 12 | | 8,14 | 11,12 | | | | |
| CVCL_0F29 | DFCI-LU011 | 8 | 68.97% | X,Y | 10 | | | 12 | 9,12 | | 11,12 | 11,12 | | | | |
| CVCL_AS83 | HBEC30-KT | 8 | 68.97% | X | 10,11 | | | 11 | 8,9 | | 11,12 | 11 | | | | |
| CVCL_0675 | Hs 2.We | 8 | 68.97% | X,Y | 10,12 | | | 12,13 | 8,9 | | 11 | 13 | | | | |
| CVCL_6404 | HT-297.T | 8 | 68.97% | X,Y | 10,12 | | | 9,12 | 8,9 | | 11,13 | 9,12 | | | | |
| CVCL_0871 *Best* | Hs 729.T | 9 | 68.75% | X,Y | 10 | | 17 | 11,12 | 8,9 | 10,14 | 11 | 11 | 12 | | 28,31.2 | 19, |
| CVCL_0871 *Worst* | Hs 729.T | 9 | 66.67% | X,Y | 10 | | 17 | 11,12 | 8,9 | 10,14 | 11,12 | 11 | 12 | | 28,31.2 | 19, |
| CVCL_IT36 | NEM163 | 9 | 68.75% | X,Y | 8,10 | | | 12,13 | 9 | | 10,11 | 11 | | | 28,30 | |
| CVCL_N707 | BT054 | 8 | 68.75% | X | 10,12 | | | 11,12 | 9,11 | | 12,14 | 11,12 | | | | |
| CVCL_1058 | A-204 | 9 | 68.57% | X | 10,13 | 17,22 | 14,17 | 12 | 8,10 | 13,15 | 11,12 | 11,12 | 17,18 | 12,13 | 28,30 | 21 |
| CVCL_8607 *Best* | 92-1 [Human uveal melanoma] | 9 | 66.67% | X | 10,11 | | 14,15 | 12,13 | 11 | 15 | 10,11 | 11,12 | 12,13 | | 30 | 21, |
| CVCL_8607 *Worst* | 92-1 [Human uveal melanoma] | 9 | 48.48% | X | 10,11 | | 14,15 | 9,11 | 10,11 | 15 | 11,12 | 12 | 12,13 | | 30 | 21, |
| CVCL_0202 *Best* | Caov-4 | 9 | 66.67% | X | 10,11 | 17,20 | 16 | 11,13 | 8,10 | 12 | 12,14 | 9,11 | 21 | 11,12 | 28,33.2 | 22 |
| CVCL_0202 *Worst* | Caov-4 | 9 | 64.71% | X | 10 | 17,20 | 16 | 11 | 8,10 | 12 | 12,14 | 9,11 | 21 | 11,12 | 28,33.2 | 22 |
| CVCL_2415 | COR-L47 | 9 | 66.67% | X,Y | 10,12 | | 14 | 10,13 | 8,10 | 12,14 | 11 | 11,12 | 13,15 | | 30,31.2 | 24 |
| CVCL_9011 | GENEA002 | 9 | 66.67% | X,Y | 10,11 | 23 | 14,17 | 11,12 | 8,10 | 12,14 | 11 | 11,12 | 13,16 | 13,14 | 28,30 | 19, |
| CVCL_QX35 | GIS2014-SB3C16 | 9 | 66.67% | X,Y | 10,12 | 20 | 15,16 | 12 | 8,11 | 11,14 | 8 | 11 | 13 | 15,15.2 | 28,30 | 23, |
| CVCL_N127 *Best* | GM09948 | 9 | 66.67% | X,Y | 10,11,12 | 23 | 15,17 | 11,13 | 11 | 12,13 | 11 | 11 | 15,18 | 13,14 | 29,30 | 24, |
| CVCL_N127 *Worst* | GM09948 | 9 | 62.50% | X,Y | 10,11 | 23 | 15,17 | 11,13 | 11 | 12,13 | 11 | 11 | 15,18 | 13,14 | 29,30 | 24, |
| CVCL_VF64 | HMGEC | 9 | 66.67% | X,Y | 10,12 | | 15,17 | 10,13 | 8,11 | 13,15 | 9,14 | 8,11 | 12,16 | | 29,30.2 | 23, |
| CVCL_B155 | HUES 24 | 9 | 66.67% | X,Y | 10,12 | 19,23 | 11,17 | 10,12 | 9 | 10,13 | 12,14 | 9,12 | 13,18 | 14,15 | 30 | 21, |
| CVCL_0D39 | NZM075 | 9 | 66.67% | X,Y | 11,12 | 20,24 | 15,16 | 11,12 | 8,9 | 16 | 8,11 | 11 | 17 | 14,15 | 28 | 20 |
| CVCL_0103 | SUP-B15 | 9 | 66.67% | X,Y | 11,12 | | 15,16 | 12,13 | 10,11 | 11,14 | 8,14 | 11,12 | 14 | | 28,31 | 19, |
| CVCL_1738 *Best* | TCCSUP | 9 | 66.67% | X | 10 | | | 12 | 8,9 | 13 | 11,14 | 9,11 | 15 | | 27,31.2 | 21 |
| CVCL_1738 *Worst* | TCCSUP | 9 | 62.50% | X | 10 | | | 12 | 8,9 | 13 | 11 | 9,11 | 15 | | 27,31.2 | 21 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CVCL_7740 | UM-SCC-3 | 9 | 66.67% | X | 10,12 | | 17 | 11,13 | 9,10 | 14 | 11,13 | 11,12 | 12,15 | | 31.2 | 20, |
| CVCL_VV85 | ACOSC3 | 8 | 66.67% | X,Y | 10,12 | | | 12,13 | 9,10 | | 8,11 | 11 | | | | |
| CVCL_2346 | CCD-1097Sk | 8 | 66.67% | X | 12 | | | 10,12 | 8,10 | | 11,12 | 11,12 | | | | |
| CVCL_3300 | CCD-1106 KERTr | 8 | 66.67% | X,Y | 10 | | | 11,12 | 8,12 | | 11,12 | 8,12 | | | | |
| CVCL_YB37 | EDi045-A | 8 | 66.67% | X,Y | 10,12 | | | 12,13 | 8,10 | | 9,12 | 11 | | | | |
| CVCL_C603 *Best* | FM74 | 8 | 66.67% | X,Y | 11,12 | | 15,16 | 12,13 | 8,9 | | 8,9 | 12 | | | | 20, |
| CVCL_C603 *Worst* | FM74 | 8 | 57.14% | X,Y | 11,12 | | 15,16 | 13 | 8,10 | | 12 | 12 | | | | 20, |
| CVCL_A9UJ | GSC#277 | 8 | 66.67% | X,Y | 10,12 | | | 12 | 8,10 | | 11 | 12,13 | | | | |
| CVCL_A9UQ | GSC#314C | 8 | 66.67% | X | 10 | | | 12,13 | 10,12 | | 11,14 | 11 | | | | |
| CVCL_A9UR | GSC#314P | 8 | 66.67% | X | 10 | | | 12,13 | 10,12 | | 11,14 | 11 | | | | |
| CVCL_J253 | HCC1419-Luc | 8 | 66.67% | X | 10,12 | | | 10,12 | 11 | | 9,12 | 11,12 | | | | |
| CVCL_0T97 | HE48 | 8 | 66.67% | X | 10,12 | | | 12,13 | 8,9 | | 11 | 9,11 | | | | |
| CVCL_0809 | Hs 58.Fs | 8 | 66.67% | X,Y | 10,12 | | | 11,12 | 9,10 | | 10,11 | 11 | | | | |
| CVCL_1022 | Hs 919.Sk | 8 | 66.67% | X | 10,12 | | | 12 | 10 | | 11,12 | 11,13 | | | | |
| CVCL_1023 | Hs 919.T | 8 | 66.67% | X | 10,12 | | | 12 | 10 | | 11,12 | 11,13 | | | | |
| CVCL_5987 | JHU-012 | 8 | 66.67% | X,Y | 10 | | | 12,13 | 9,10 | | 11 | 12 | | | | |
| CVCL_5991 | JHU-022 | 8 | 66.67% | X,Y | 10 | | | 12,13 | 9,10 | | 11 | 12 | | | | |
| CVCL_5985 | JHU-06 | 8 | 66.67% | X,Y | 10 | | | 12,13 | 9,10 | | 11 | 12 | | | | |
| CVCL_UR39 | K-562-luc2 | 8 | 66.67% | X | 9,10 | | | 11,12,13 | 9,11 | | 8 | 11,12 | | | | |
| CVCL_5144 | K562/MTX-2 | 8 | 66.67% | X | 9,10 | | | 11,12 | 9,11 | | 8 | 11,12 | | | | |
| CVCL_A119 | Ma-Mel-06 | 8 | 66.67% | X,Y | 10,12 | | 14,15 | 12,13 | 10 | | 11,13 | 12,13 | | | | 22, |
| CVCL_1421 | MN-60 | 8 | 66.67% | X,Y | 11 | | | 12 | 10 | | 11 | 11,12 | | | | |
| CVCL_V000 | NCI-H2818 | 8 | 66.67% | X,Y | 10,12 | | | 12,13 | 9,11 | | 13 | 11,12 | | | | |
| CVCL_S410 | PIG1 | 8 | 66.67% | X | 10,12 | | | 12,13 | 8,10 | | 8,11 | 8,11 | | | | |
| CVCL_2200 | SPI-801 | 8 | 66.67% | X | 10 | | | 12 | 9,11 | | 8 | 11,12 | | | | |
| CVCL_2201 | SPI-802 | 8 | 66.67% | X | 10 | | | 12 | 9,11 | | 8 | 11,12 | | | | |
| CVCL_1063 | A-388 | 9 | 64.71% | X | 10,11 | | 13 | 11,13 | 10 | 12,13 | 11 | 11,12 | 14 | | 28,30 | 22 |
| CVCL_1090 *Best* | BONNA-12 | 9 | 64.71% | X | 11,12 | | 14,17 | 9,14 | 8,10 | 10,13 | 11,14 | 11,12 | 14 | | 30,31.2 | 18, |
| CVCL_1090 *Worst* | BONNA-12 | 9 | 60.61% | X | 11,12 | | 14,17 | 9,14 | 8,10 | 10,13 | 11,14 | 12 | 14 | | 30,31.2 | 18, |
| CVCL_DQ80 | BSS1-PBMC-iPS 4F4 | 9 | 64.71% | X | 10 | | 14,15 | 11,12 | 9,10 | 11,16 | 8,11 | 11,12 | 13,14 | 13,14 | 30 | 19, |
| CVCL_1107 *Best* | CAL-27 | 9 | 64.71% | X | 10,12 | 23,24 | 16 | 11,12 | 10 | 13,15 | 10,11 | 11,12 | 13 | 14,15.2 | 28,29 | 21, |
| CVCL_1107 *Worst* | CAL-27 | 9 | 64.71% | X | 10,12 | 23,24 | 16 | 11,12 | 10 | 13,15 | 10,11 | 11,12 | 13 | 14,15.2 | 28,29 | 25 |
| CVCL_1275 | D425 Med | 9 | 64.71% | X | 9,12 | | 14,17 | 12,13 | 11,12 | 11,15 | 11 | 11,12 | 15,17,18 | | 29,33.2 | 20, |
| CVCL_YP34 | H58 | 9 | 64.71% | X,Y | 12 | | | 12 | 11,12 | | 9,11 | 11,13 | | | 28,30 | |
| CVCL_1251 | HCC1419 | 9 | 64.71% | X | 10,12 | | 14,17 | 10,12 | 11 | 15 | 9,12 | 11,12 | 14 | | 27,30 | 20, |
| CVCL_5135 *Best* | HCC461 | 9 | 64.71% | X | 10,12 | | 15,18 | 10,13 | 9,11 | 13,14 | 10,11 | 11,12 | 12,14 | | 30 | 21, |
| CVCL_5135 *Worst* | HCC461 | 9 | 64.71% | X,Y | 10,12 | | 15,18 | 10,13 | 9,11 | 13,14 | 10,11 | 11,12 | 12,14 | | 30 | 21, |
| CVCL_D605 *Best* | JJ012 | 9 | 64.71% | X | 10 | 20,23 | 15,16,17,18 | 11,12 | 8,10 | 13 | 11 | 11,12 | 15 | 12,13 | 28,29 | 21, |
| CVCL_D605 *Worst* | JJ012 | 9 | 58.82% | X,Y | 10 | 20,23 | 16,17 | 11,12 | 8,10 | 13 | 11 | 11,12 | 15,17 | 12,13 | 28,29 | 21, |
| CVCL_0004 *Best* | K-562 | 9 | 64.71% | X | 9,10 | 17 | 16 | 11,12,13 | 9,11 | 12 | 8 | 11,12 | 15 | 14,14.2 | 29,30 | 21, |
| CVCL_0004 *Worst* | K-562 | 9 | 52.94% | X | 9,10 | 17 | 16 | 11,12 | 9,11 | 12 | 8 | 11,12,13 | 15,16 | 14,14.2 | 29,31 | 21, |
| CVCL_WR77 | LaNCE hiPSC-23 | 9 | 64.71% | X | 12 | 19,20 | 15 | 12,13 | 11,12 | 10,15 | 11,14 | 8,11 | 15,18 | 13,15 | 28,29 | 23 |
| CVCL_1380 *Best* | Loucy | 9 | 64.71% | X | 11,12 | 21,22 | 15,19 | 12 | 9,10 | 12,13 | 11,13 | 11 | 15,16 | 14 | 27,30 | 22 |
| CVCL_1380 *Worst* | Loucy | 9 | 62.86% | X | 11,12 | 21,22 | 15,19 | 11,12 | 9,10 | 12,13 | 11,13 | 11 | 15,16 | 14 | 27,30 | 22 |
| CVCL_RP45 | LUTC-8 | 9 | 64.71% | X,Y | 12,13 | 19,23 | 15 | 12,13 | 9,10 | 10,11 | 14 | 11,12 | 13,15 | 13,14 | 29,30 | 22 |
| CVCL_A1WQ | RCNSi001-A | 9 | 64.71% | X | 10,12 | | | 12,13 | 8,11 | | 11,14 | 13 | | | 28,31.2 | |
| CVCL_A1WR | RCNSi001-B | 9 | 64.71% | X | 10,12 | | | 12,13 | 8,11 | | 11,14 | 13 | | | 28,31.2 | |
| CVCL_A1WS | RCNSi002-A | 9 | 64.71% | X | 10,12 | | | 12,13 | 8,11 | | 11,14 | 13 | | | 28,31.2 | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CVCL_A1WT | RCNSi002-B | 9 | 64.71% | X | 10,12 | | | 12,13 | 8,11 | | 11,14 | 13 | | | 28,31.2 | |
| CVCL_5593 | SUM225CWN | 9 | 64.71% | X | 10,12 | | 16,19 | 11,13 | 8,9 | 15 | 12 | 11 | 14 | | 30,33.2 | 24 |
| CVCL_4Z32 | TC-215 | 9 | 64.71% | X,Y | 11,12 | 16,26 | 14,17 | 12,13 | 8,10 | 12,16 | 12 | 12 | 14,16 | 14 | 28,34.2 | 19, |
| CVCL_W921 | THJ-21T | 9 | 64.71% | X,Y | 11,15 | | 15,17 | 12,13 | 8,10 | 9,14 | 11,12 | 11,12 | 13,15 | | 30 | 24 |
| CVCL_A1SS | TOV-3392D | 9 | 64.71% | X | 12 | | | 11,13 | 9,11 | | 12,14 | 9,11 | | | 28,30 | |
| CVCL_A5TC | CAISMOV24 | 9 | 64.52% | | 12 | 17 | 16,17 | 12,13 | 8,12 | 10,13 | 11,12 | 12 | 12,19 | 13,14 | 30,32.2 | 23, |
| CVCL_2059 *Best* | HCC366 | 9 | 64.52% | X | 10,12 | | 15,17 | 12 | 10,11 | 15 | 11,13 | 11 | 19 | | 28 | 19, |
| CVCL_2059 *Worst* | HCC366 | 9 | 60.00% | X | 10,12 | | 15,17 | 12 | 10,11 | 15 | 13 | 11 | 19 | | 28 | 19, |
| CVCL_V579 *Best* | HCC4017 | 9 | 64.52% | X | 10,11 | | 16 | 11 | 8,9 | 13,14 | 12 | 11 | 16 | | 28,30 | 20 |
| CVCL_V579 *Worst* | HCC4017 | 9 | 62.50% | X | 10,11 | | 16 | 11 | 8,9 | 13,14 | 12 | 11 | 16 | | 28,30 | 20 |
| CVCL_0031 *Best* | MCF-7 | 9 | 64.52% | X | 10 | 21,23 | 16 | 12 | 8,9 | 10,14 | 11 | 11,12 | 14 | 13,14 | 30 | 23, |
| CVCL_0031 *Worst* | MCF-7 | 9 | 62.50% | X | 10 | 21,23 | 16 | 11,12 | 8,9 | 10,14 | 11 | 11,12 | 14 | 13,14 | 30 | 23, |
| CVCL_0U80 | MCF-7/HER2-18 | 9 | 64.52% | X | 10 | | 16 | 12 | 8,9 | 10,14 | 11 | 11,12 | 14 | | 30 | 23, |
| CVCL_M436 | MCF-7/TAMR-1 | 9 | 64.52% | X | 10 | | 16 | 12 | 8,9 | 10,14 | 11 | 11,12 | 14 | | 30 | 23, |
| CVCL_S429 | NZM039 | 9 | 64.52% | X,Y | 10 | 19,20 | 14 | 12 | 8,10 | 13,15 | 11,14 | 10,12 | 13,19 | 14,16 | 30 | 21, |
| CVCL_6183 | SK-RC-26A | 9 | 64.52% | X | 11,12 | 19 | 16 | 13 | 8,9 | 14 | 11 | 11 | 13,14 | 15.2 | 28,30 | 20 |
| CVCL_3120 | SK-RC-26B | 9 | 64.52% | X | 11,12 | 19 | 16 | 13 | 8,9 | 14 | 11 | 11 | 13 | 15.2 | 28,30 | 20 |
| CVCL_2745 | UM-UC-11 | 9 | 64.52% | X,Y | 10 | | 15,16 | 12 | 8,12 | 11,13 | 11,14 | 11 | 13 | | 30 | 20, |
| CVCL_1047 | 380 | 8 | 64.52% | X,Y | 10,11 | | | 11,13 | 9,11 | | 11,12 | 11,12 | | | | |
| CVCL_2394 | CCD-39Lu | 8 | 64.52% | X | 10,12 | | | 11,12 | 9,12 | | 11 | 11,13 | | | | |
| CVCL_2395 | CCD-39Sk | 8 | 64.52% | X | 10,12 | | | 11,12 | 9,12 | | 11 | 11,13 | | | | |
| CVCL_A9UD | GSC#221 | 8 | 64.52% | X,Y | 10 | | | 11,13 | 8,13 | | 8,11 | 11,12 | | | | |
| CVCL_A9UT | GSC#318 | 8 | 64.52% | X,Y | 10,12 | | | 12 | 9,10 | | 11,12 | 11,12 | | | | |
| CVCL_D095 | HES-5 | 8 | 64.52% | X,Y | 10,11 | | | 10,12 | 9,13 | | 11 | 11,12 | | | | |
| CVCL_0833 | Hs 67 | 8 | 64.52% | X | 11,12 | | | 12 | 8,12 | | 11,12 | 11,13 | | | | |
| CVCL_R709 | Hs 677.Rec | 8 | 64.52% | X | 11,12 | | | 12 | 9,11 | | 13,14 | 11,12 | | | | |
| CVCL_0837 | Hs 677.Sk | 8 | 64.52% | X | 11,12 | | | 12 | 9,11 | | 13,14 | 11,12 | | | | |
| CVCL_0838 | Hs 677.Tg | 8 | 64.52% | X | 11,12 | | | 12 | 9,11 | | 13,14 | 11,12 | | | | |
| CVCL_0F27 | HUVEC-CS | 8 | 64.52% | X | 11,12 | | | 11,12 | 8,12 | | 9,11 | 11,12 | | | | |
| CVCL_6413 | KMA | 8 | 64.52% | X,Y | 10,12 | | | 12,13 | 11,12 | | 11,12 | 12,13 | | | | |
| CVCL_6416 | LTR228 | 8 | 64.52% | X,Y | 11,12 | | | 12,13 | 9,12 | | 11 | 11,12 | | | | |
| CVCL_L224 | OKF6/TERT-1 | 8 | 64.52% | X | 11,12 | | | 12,13 | 8,10 | | 11 | 11,12 | | | | |
| CVCL_L225 | OKF6/TERT-2 | 8 | 64.52% | X,Y | 11,12 | | | 12,13 | 8,10 | | 11 | 11,12 | | | | |
| CVCL_B347 | SA001 | 8 | 64.52% | X,Y | 10,13 | | | 12,13 | 8,10 | | 11,12 | 12,13 | | | | |
| CVCL_3796 | SKW 6.4 | 8 | 64.52% | X,Y | 11,12 | | | 12,13 | 9,11 | | 11 | 11,12 | | | | |
| CVCL_1722 *Best* | SW1783 | 8 | 64.52% | X,Y | 10,13 | | | 12,13 | 9,13 | | 9,11 | 12 | | | | |
| CVCL_1722 *Worst* | SW1783 | 8 | 60.00% | X,Y | 10,13 | | | 12 | 9,13 | | 9,11 | 12 | | | | |
| CVCL_AR68 | TK6 (IVGT) | 8 | 64.52% | X,Y | 11,12 | | | 12,13 | 9,11 | | 11 | 11,12 | | | | |
| CVCL_2733 | TK6TGR | 8 | 64.52% | X,Y | 11,12 | | | 12,13 | 9,11 | | 11 | 11,12 | | | | |
| CVCL_6741 | WI-L2-729HF2 | 8 | 64.52% | X,Y | 11,12 | | | 12,13 | 9,11 | | 11 | 11,12 | | | | |
| CVCL_2761 *Best* | WIL2 NS | 8 | 64.52% | X,Y | 11,12 | | | 12,13 | 9,12 | | 11 | 11,12 | | | | |
| CVCL_2761 *Worst* | WIL2 NS | 8 | 58.06% | X,Y | 11,12 | | | 12,13 | 9,12 | | 11 | 11,12 | | | | |
| CVCL_3809 | WIL2 S | 8 | 64.52% | X,Y | 11,12 | | | 12,13 | 9,11 | | 11 | 11,12 | | | | |
| CVCL_RZ81 | XYFMGG23G | 8 | 64.52% | X,Y | 10,11 | | | 11,12 | 8,9 | | 11,12 | 11 | | | | |
| CVCL_0165 | BCBL-1 | 8 | 64.29% | X | 12 | | | 11,13 | 8,9 | | 11,12 | 12 | | | | |
| CVCL_2382 | CCD-19Lu | 8 | 64.29% | X | 10,12 | | | 12 | 9,11 | | 11,12 | 11 | | | | |
| CVCL_C617 *Best* | FM93/2 | 8 | 64.29% | X | 12,14 | | 18 | 11,12 | 9 | | 11 | 11,12 | | | | 20 |
| CVCL_C617 *Worst* | FM93/2 | 8 | 62.07% | X | 12,14 | | 18 | 11,12 | 9 | | 11 | 11,12 | | | | 20 |
| CVCL_G356 | HT-29-MTX-E12 | 8 | 64.29% | X | 11,12 | | | 11,12 | 10 | | 11 | 11,12 | | | | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CVCL_A919 | chHES-183 | 9 | 62.86% | X,Y | 10,12 | | 16,18 | 10,11 | 8,9 | 12,16 | 11,14 | 12 | 16 | | 28,29 | 16, |
| CVCL_6594 | CHLA-15 | 9 | 62.86% | X | 10,12 | 17,26 | 16 | 12,15 | 9,11 | 13 | 10,11 | 11,13 | 15,19 | 14,15 | 30,31.2 | 23, |
| CVCL_2410 | COR-L26 | 9 | 62.86% | X | 12,13 | | 18 | 11,13 | 9,11 | 11,14 | 11 | 11,13 | 15 | | 28,30 | 18, |
| CVCL_QX37 | GIS2014-WT3C16 | 9 | 62.86% | X,Y | 10,12 | 20 | 16 | 10,12 | 8,11 | 11,14 | 9,10 | 11,12 | 13 | 15,15.2 | 28,30 | 18, |
| CVCL_2521 *Best* | HT29/219 | 9 | 62.86% | X | 11,12 | | 15,17 | 11,12 | 10 | 10 | 11,12 | 11,12 | 13 | | 28,30 | 19, |
| CVCL_2521 *Worst* | HT29/219 | 9 | 60.61% | X | 11 | | 15,17 | 11,12 | 10 | 10 | 11 | 11,12 | 13 | | 28,30 | 19, |
| CVCL_2959 | HUVEC-C | 9 | 62.86% | X | 11,12 | | 16 | 11,12 | 8,12 | 14,16 | 9,11 | 11,12 | 13,17 | | 28,31 | 21, |
| CVCL_X151 | JFEN | 9 | 62.86% | X,Y | 12,13 | 20,24 | 16,18 | 11,12 | 8,10 | 11,14 | 11,12 | 9,12 | 12,18 | 14,15 | 28,30 | 20, |
| CVCL_VE24 | KITi001-A | 9 | 62.86% | X,Y | 12,13 | 19,23 | 15,17 | 12,13 | 9,12 | 12,14 | 11 | 11,12 | 14 | 14,16.2 | 30,31 | 22, |
| CVCL_VE25 | KITi001-A-35 | 9 | 62.86% | X,Y | 12,13 | 19,23 | 15,17 | 12,13 | 9,12 | 12,14 | 11 | 11,12 | 14 | 14,16.2 | 30,31 | 22, |
| CVCL_WS27 | LN-2207GS | 9 | 62.86% | X,Y | 10,11,12 | 19,25 | 14,16 | 11,12 | 8 | 11,13 | 11,12 | 12 | 11,14 | 13,14 | 30,31 | 22, |
| CVCL_WV16 | SJG-31 | 9 | 62.86% | X | 10,12 | | 16 | 10,11 | 9,12 | 12,14 | 13,14 | 10,11 | 13,18 | | 30 | 21, |
| CVCL_6169 | SK-RC-2 | 9 | 62.86% | X,Y | 11,12 | 16,24 | 17 | 12 | 9,11 | 8,15 | 9,11 | 11,12 | 12,19 | 12,13 | 28,30 | 20, |
| CVCL_VE35 | TUSMi003-A | 9 | 62.86% | X | 10,12 | 20 | 17 | 12,13 | 8,9 | 10 | 8,9 | 11,12 | 17,19 | 12,13.2 | 29,30 | 24 |
| CVCL_S471 *Best* | U-343MG | 9 | 62.86% | X,Y | 10,12 | 22,24 | 15,17 | 12,13 | 9,11 | 13,14 | 9,13 | 9,12 | 23 | 13,14 | 31,33.2 | 19, |
| CVCL_S471 *Worst* | U-343MG | 9 | 61.11% | X,Y | 10,12 | 22,24 | 15,17 | 12,13 | 9,11 | 13,14 | 9,13 | 9,12 | 21,23 | 13,14 | 31,33.2 | 19, |
| CVCL_RV27 | ULUNDi005-A | 9 | 62.86% | X,Y | 11,12 | | | 12 | 8,11 | | 11,13 | 9,11 | | | 28,33.2 | |
| CVCL_0571 | UROtsa | 9 | 62.86% | X | 11,12 | | 15 | 12,13 | 11,12 | 14 | 11,13 | 11,12 | 16 | | 27,29 | 20 |
| CVCL_A5SC | Wilms1-2l | 9 | 62.86% | X | 10,12 | | 14,17 | 12,13 | 9,14 | 12,14 | 11,13 | 11,14 | 15,18 | | 30,31 | 22, |
| CVCL_0144 | ARO | 9 | 62.50% | X | 11,12 | | 15,17 | 11,12 | 10 | 10,16 | 11 | 11,12 | 12,13 | | 30 | 20, |
| CVCL_8207 | GLC-2 | 9 | 62.50% | X,Y | 12,13 | | 17 | 12,13 | 9,12 | 12 | 14 | 12 | 15,18 | | 30,32 | 21, |
| CVCL_1269 *Best* | HCC4006 | 9 | 62.50% | X | 10 | | 18 | 12 | 9,12 | 10,14 | 11,12 | 11,12 | 19 | | 31 | 21, |
| CVCL_1269 *Worst* | HCC4006 | 9 | 58.06% | X | 10 | | 18 | 12 | 9,12 | 10,14 | 11,12 | 12 | 19 | | 31 | 21, |
| CVCL_D224 | HNO41 | 9 | 62.50% | X | 10 | 27 | 17 | 10,13 | 8 | 13 | 12 | 11,12 | 12 | 14 | 30 | 22 |
| CVCL_EG32 | JVE774 | 9 | 62.50% | X,Y | 10,11 | | | 12 | 8 | | 11,12 | 9,12 | | | 28,29 | |
| CVCL_2094 *Best* | KPL-1 | 9 | 62.50% | X | 10 | | | 11,12 | 8,9 | | 11 | 11,12 | | | 30 | |
| CVCL_2094 *Worst* | KPL-1 | 9 | 60.61% | X | 10 | | | 11,12 | 8,9 | | 10,11 | 11,12 | | | 30 | |
| CVCL_UC24 | LM-MEL-9 | 9 | 62.50% | X,Y | 11 | | | 13 | 9,11 | | 11 | 11,12 | | | 29,30 | |
| CVCL_1D49 | MCF-7/164R-4 | 9 | 62.50% | X | 10 | | 16 | 11,12 | 8,9 | 10,14 | 11 | 11,12 | 14 | | 30 | 23, |
| CVCL_1D39 | MCF-7/164R-7 | 9 | 62.50% | X | 10 | | 16 | 11,12 | 8,9 | 10,14 | 11 | 11,12 | 14 | | 30 | 23, |
| CVCL_1D42 | MCF-7/TAMR-4 | 9 | 62.50% | X | 10 | | 16 | 11,12 | 8,9 | 10,14 | 11 | 11,12 | 14 | | 30 | 23, |
| CVCL_1D43 | MCF-7/TAMR-7 | 9 | 62.50% | X | 10 | | 16 | 11,12 | 8,9 | 10,14 | 11 | 11,12 | 14 | | 30 | 23, |
| CVCL_6860 | MCF-7B | 9 | 62.50% | X | 10 | 21,23 | 16 | 11,12 | 8,9 | 10,14 | 11 | 11,12 | 14 | 13,14 | 30 | 23, |
| CVCL_XD68 | MCF7-Cas9-542 | 9 | 62.50% | X | 10 | 21,23 | 16 | 11,12 | 8,9 | 10,14 | 11 | 11,12 | 14 | 13,14 | 30 | 23, |
| CVCL_XD69 | MCF7-Cas9-543 | 9 | 62.50% | X | 10 | 21,23 | 16 | 11,12 | 8,9 | 10,14 | 11 | 11,12 | 14 | 13,14 | 30 | 23, |
| CVCL_XD70 | MCF7-Cas9-544 | 9 | 62.50% | X | 10 | 21,23 | 16 | 11,12 | 8,9 | 10,14 | 11 | 11,12 | 14 | 13,14 | 30 | 23, |
| CVCL_0426 *Best* | MG-63 | 9 | 62.50% | X,Y | 10,12 | 17,24 | 15 | 11,12 | 10 | 13 | 11 | 11,12 | 16 | 13,14 | 30 | 21, |
| CVCL_0426 *Worst* | MG-63 | 9 | 58.06% | X,Y | 10,12 | 17,24 | 15 | 11,12 | 10 | 13 | 11 | 11 | 16 | 13,14 | 30 | 21, |
| CVCL_2638 | NCI-BL1395 | 9 | 62.50% | X | 12 | 17,24 | 15,18 | 12 | 8 | 12,14 | 10,14 | 11,13 | 12,14 | 13,16 | 28,29 | 18, |
| CVCL_1507 | NCI-H1930 | 9 | 62.50% | X | 12 | | 16 | 13 | 9,10 | 12,14 | 8,11 | 11 | 12,19 | | 30 | 21 |
| CVCL_0D37 | NZM073 | 9 | 62.50% | X | 12 | 19,20 | 16 | 12 | 8,12 | 10,13 | 12,13 | 12 | 12,18 | 14,15 | 30 | 21 |
| CVCL_WV09 | SJG-8 | 9 | 62.50% | X,Y | 11,12 | | 15,17 | 9,12 | 9 | 10,13 | 11 | 10,11 | 12,16 | | 28,30 | 21 |
| CVCL_E998 | WaGa | 9 | 62.50% | X,Y | 12 | | 14 | 12 | 10 | 10,13 | 8,13 | 11,12 | 10,13 | | 28,30 | 19 |
| CVCL_2350 | CCD-1100Sk | 8 | 62.50% | X | 10,11 | | | 12,13 | 7,9 | | 9,11 | 9,11 | | | | |
| CVCL_2357 | CCD-1118Sk | 8 | 62.50% | X | 11,12 | | | 12,13 | 9,10 | | 11,12 | 11,13 | | | | |
| CVCL_X503 | U-2946 | 8 | 62.50% | X,Y | 10,11 | | | 11,12 | 8,10 | | 11,12 | 11,12 | | | | |
| CVCL_1500 | NCI-H1869 | 9 | 62.07% | X | 10 | | 17 | 11 | 8,9 | 13,14 | 11 | 12 | 12,18 | | 31 | 22 |
| CVCL_V610 | SLR24 | 9 | 62.07% | X | 10,12 | | | 12 | 8 | | 11,12 | 11 | | | 30 | |
| CVCL_2330 | CCD-1068Sk | 8 | 62.07% | X | 9 | | | 12,13 | 8,9 | | 8,11 | 11,12 | | | | |

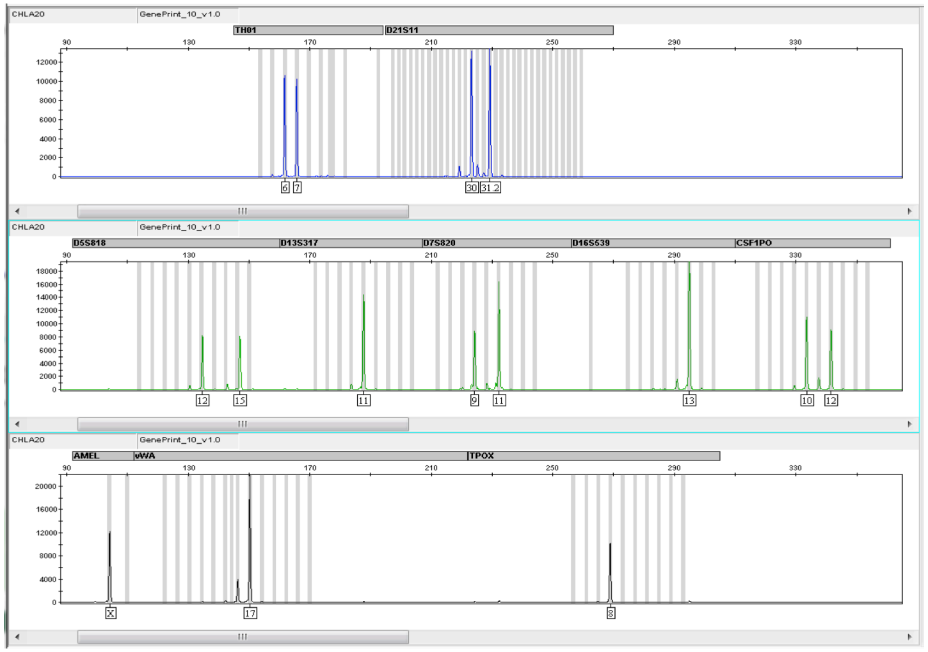
| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CVCL_2338 | CCD-1086Sk | 8 | 62.07% | X | 10,12 | | | 11,13 | 9,12 | | 12 | 11,12 | | | |
| CVCL_4150 | Cri du Chat | 8 | 62.07% | X | 10,12 | | | 10,11 | 8,11 | | 11 | 11,12 | | | |
| CVCL_A9T7 | GSC#1 | 8 | 62.07% | X | 10 | | | 12,13 | 8,10 | | 8 | 11,14 | | | |
| CVCL_A9V5 | GSC#389 | 8 | 62.07% | X,Y | 10,11 | | | 12 | 9,10 | | 8,11 | 11,12 | | | |
| CVCL_A9VF | GSC#406 | 8 | 62.07% | X,Y | 10 | | | 12,13 | 10,12 | | 14 | 9,12 | | | |
| CVCL_0T89 | HE36 | 8 | 62.07% | X,Y | 10 | | | 12,13 | 8,12 | | 11,12 | 9 | | | |
| CVCL_2941 | HFb16d | 8 | 62.07% | X,Y | 10,12 | | | 10,13 | 9,10 | | 11 | 12,13 | | | |
| CVCL_3290 | HIAE-65 | 8 | 62.07% | X | 10,11 | | | 12 | 9,12 | | 11,14 | 11,13 | | | |
| CVCL_3294 | HIVE-65 | 8 | 62.07% | X | 10,11 | | | 12 | 9,12 | | 11,14 | 11,13 | | | |
| CVCL_0720 | Hs 3.T | 8 | 62.07% | X | 10,11 | | | 11,12 | 9 | | 11 | 11,12 | | | |
| CVCL_0802 | Hs 571.T | 8 | 62.07% | X | 10 | | | 11 | 8,9 | | 10,11 | 11,12 | | | |
| CVCL_R717 | Hs 680.Li | 8 | 62.07% | X | 11,12 | | | 12 | 9,10 | | 11,14 | 9,11 | | | |
| CVCL_0840 | Hs 680.Rec | 8 | 62.07% | X | 11,12 | | | 12 | 9,10 | | 11,14 | 9,11 | | | |
| CVCL_0841 | Hs 680.Sk | 8 | 62.07% | X | 11,12 | | | 12 | 9,10 | | 11,14 | 9,11 | | | |
| CVCL_0842 | Hs 680.Tg | 8 | 62.07% | X | 11,12 | | | 12 | 9,10 | | 11,14 | 9,11 | | | |
| CVCL_0843 | Hs 680.Tr | 8 | 62.07% | X | 11,12 | | | 12 | 9,10 | | 11,14 | 9,11 | | | |
| CVCL_JM00 | K-562-GFP | 8 | 62.07% | X | 9,10 | | | 11,12 | 9,11 | | 8 | 11,12 | | | |
| CVCL_J257 | K562-Luc | 8 | 62.07% | X | 9,10 | | | 11,12 | 9,11 | | 8 | 11,12 | | | |

**Article:** Robin T, Capes-Davis A, Bair

# Cell Line Short Tandem Repeat (STR) Profile Report

**Principal Investigator:** [redacted]
**Institution:** [redacted]
**Cell Line ID:** CHLA20
**Report Date:** February 25, 2022
**Submitting Researcher:** [redacted]
**Sample Type Submitted:** Cultured cells
**Tracking ID:** CLA-Mycoplasma Testing-Request_External - [redacted]_2022.02.18
**Profile Kit Requested:** GenePrint 10 (Promega)

## STR Graphic Profile:



## STR Profile:

| Loci | CHLA20 |
|---|---|
| AMEL | X |
| CSF1PO | 10,12 |
| D13S317 | 11 |
| D16S539 | 13 |
| D21S11 | 30,31.2 |
| D5S818 | 12,15 |
| D7S820 | 9,11 |
| TH01 | 6,7 |
| TPOX | 8 |
| vWA | 17 |

» Loci with one allele listed are homozygous for that STR marker.

*Peaks that appear to be legitimate stutter or are spectral bleed-through artifacts are not labeled.*

- This report provides a STR profile for the cell line submitted, it does not automatically authenticate the cell line. Authentication is determined by comparison to the STR profile of the original donor tissue or cell stock. This STR profile can be used to verify the cell line is human, evaluate profile consistency between provisionally related cell isolates, detect cross-contamination with another human cell line (intra-species contamination), and to compare to profile databases, which we strongly recommend. This STR report does not rule out cross-contamination with an inter-species cell line (non-human).
- Please see the Pdf file *Additional Information* sent with the results for more information about interpreting your STR profile and links to profile databases.

**Principal Investigator:**
**Institution:**
**Cell Line ID:** CHLA20
**Report Date:** February 25, 2022

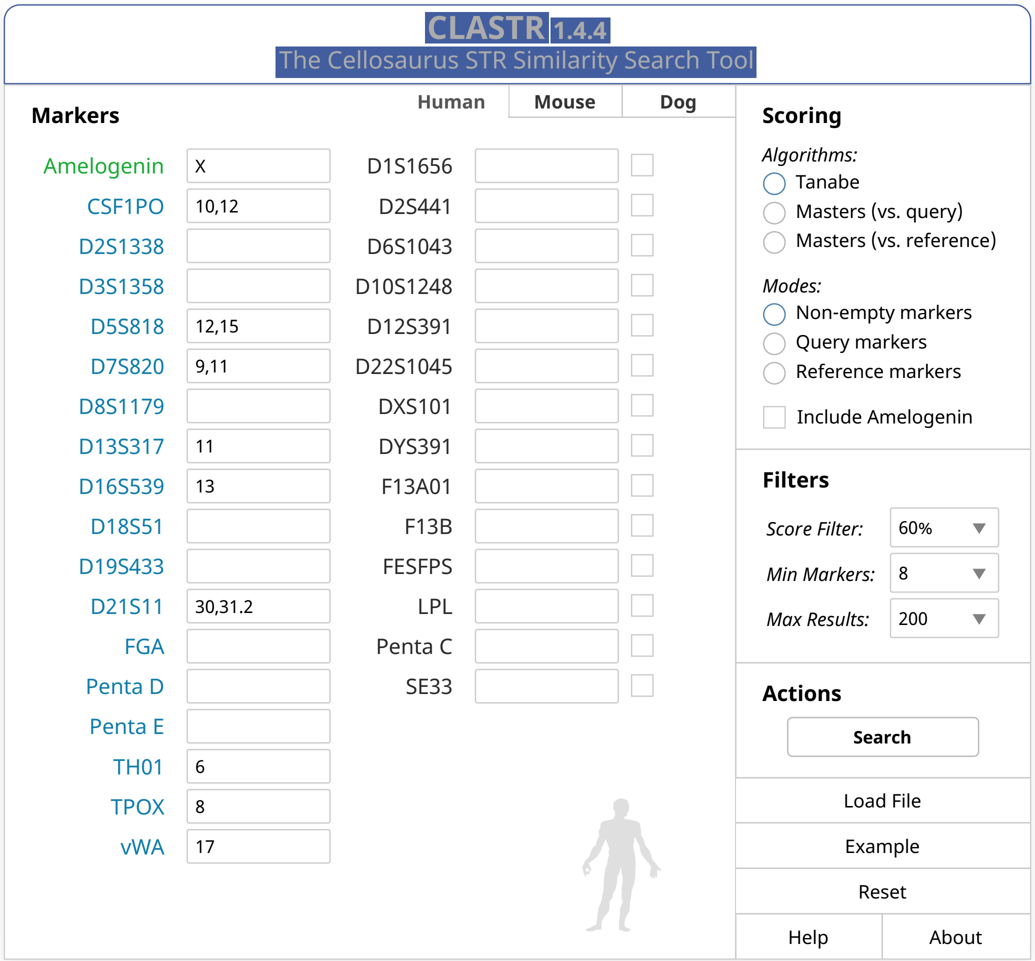
**Procedure:**

A Promega GenePrint 10 Kit is used to PCR amplify eight short tandem repeat (STR) loci plus a gender determining marker, Amelogenin. The PCR product is electrophoresed on an ABI Prism® 3730xl Genetic Analyzer using an ILS600 internal lane standard (Promega). Data is analyzed using GeneMapper® v 4.0 software (Applied Biosystems). An allelic ladder that contains fragments of the same lengths as many of the known alleles for the loci is used to determine the amplified sample fragments alleles. Appropriate positive and negative controls are used.

**Raw Data Table:** (STR markers with one allele listed are homozygous for that marker.)

| Sample Name | Marker | Allele 1 | Allele 2 | Size 1 | Size 2 | Height 1 | Height 2 | Peak Area 1 | Peak Area 2 |
|---|---|---|---|---|---|---|---|---|---|
| CHLA20 | AMEL | X | | 104.17 | | 12207 | | 72574 | |
| CHLA20 | CSF1PO | 10 | 12 | 333.48 | 341.53 | 11012 | 9130 | 77411 | 64716 |
| CHLA20 | D13S317 | 11 | | 187.69 | | 14404 | | 86654 | |
| CHLA20 | D16S539 | 13 | | 294.85 | | 19420 | | 132940 | |
| CHLA20 | D21S11 | 30 | 31.2 | 223.2 | 229.2 | 13174 | 13433 | 81685 | 83137 |
| CHLA20 | D5S818 | 12 | 15 | 134.65 | 147.06 | 8206 | 8112 | 49896 | 48411 |
| CHLA20 | D7S820 | 9 | 11 | 224.23 | 232.29 | 8833 | 16347 | 56136 | 105509 |
| CHLA20 | TH01 | 6 | 7 | 161.75 | 165.68 | 10653 | 10286 | 63324 | 61565 |
| CHLA20 | TPOX | 8 | | 268.89 | | 10265 | | 67906 | |
| CHLA20 | vWA | 17 | | 150.27 | | 22040 | | 134661 | |

Cellosaurus



**CLASTR** 1.4.4
The Cellosaurus STR Similarity Search Tool

**Markers** Human | Mouse | Dog

| | | | | |
|---|---|---|---|---|
| Amelogenin | X | D1S1656 | | ☐ |
| CSF1PO | 10,12 | D2S441 | | ☐ |
| D2S1338 | | D6S1043 | | ☐ |
| D3S1358 | | D10S1248 | | ☐ |
| D5S818 | 12,15 | D12S391 | | ☐ |
| D7S820 | 9,11 | D22S1045 | | ☐ |
| D8S1179 | | DXS101 | | ☐ |
| D13S317 | 11 | DYS391 | | ☐ |
| D16S539 | 13 | F13A01 | | ☐ |
| D18S51 | | F13B | | ☐ |
| D19S433 | | FESFPS | | ☐ |
| D21S11 | 30,31.2 | LPL | | ☐ |
| FGA | | Penta C | | ☐ |
| Penta D | | SE33 | | ☐ |
| Penta E | | | | |
| TH01 | 6 | | | |
| TPOX | 8 | | | |
| vWA | 17 | | | |

**Scoring**

*Algorithms:*
○ Tanabe
○ Masters (vs. query)
○ Masters (vs. reference)

*Modes:*
○ Non-empty markers
○ Query markers
○ Reference markers

☐ Include Amelogenin

**Filters**

*Score Filter:* 60%
*Min Markers:* 8
*Max Results:* 200

**Actions**

Results of similarity search on the **7919** **human** cell lines with STR profiles in Cellosaurus release **40.0**

Export table

| Accession | Name | Nº Markers | Score | Amel | CSF1PO | D2S1338 | D3S1358 | D5S818 | D7S820 | D8S1179 | D13S317 | D16S539 | D18S51 | D19S433 | D21S11 | FG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NA** | **Query** | **NA** | **NA** | **X** | **10,12** | | | **12,15** | **9,11** | | **11** | **13** | | | **30,31.2** | |
| CVCL_6602 | CHLA-20 | 9 | 92.86% | X | 10,12 | 17 | 16 | 12,15 | 9,11 | 13 | 11 | 13 | 15,19 | 14,15 | 30,31.2 | 23, |
| CVCL_AQ27 | CHLA-255 | 9 | 92.86% | X | 10,12 | 17 | 16 | 12,15 | 9,11 | 13 | 11 | 13 | 15,19 | 14,15 | 30,31.2 | 23, |
| CVCL_6594 | CHLA-15 | 9 | 86.67% | X | 10,12 | 17,26 | 16 | 12,15 | 9,11 | 13 | 10,11 | 11,13 | 15,19 | 14,15 | 30,31.2 | 23, |
| CVCL_II76 | HMC3 | 8 | 72.00% | X | 10,11 | | | 11,12 | 9,11 | | 11 | 12,13 | | | | |
| CVCL_Y546 | I83-LCL | 8 | 72.00% | X,Y | 10,11 | | | 11,12 | 9,11 | | 11,13 | 13 | | | | |
| CVCL_2382 | CCD-19Lu | 8 | 69.57% | X | 10,12 | | | 12 | 9,11 | | 11,12 | 11 | | | | |
| CVCL_1375 *Best* | LCLC-103H | 9 | 69.23% | X | 10,12 | 16,19 | 16,17 | 12 | 8,11 | 12,14 | 11 | 13 | 19 | 15 | 29,31.2 | 22 |
| CVCL_1375 *Worst* | LCLC-103H | 9 | 66.67% | X,Y | 10,12 | 16,19 | 16,17 | 11,12 | 8,11 | 12,14 | 11 | 13 | 19 | 15 | 29,31.2 | 22 |
| CVCL_2394 | CCD-39Lu | 8 | 69.23% | X | 10,12 | | | 11,12 | 9,12 | | 11 | 11,13 | | | | |
| CVCL_2395 | CCD-39Sk | 8 | 69.23% | X | 10,12 | | | 11,12 | 9,12 | | 11 | 11,13 | | | | |
| CVCL_6413 | KMA | 8 | 69.23% | X,Y | 10,12 | | | 12,13 | 11,12 | | 11,12 | 12,13 | | | | |
| CVCL_RZ85 | XYFMGC50H | 8 | 69.23% | X,Y | 10,12 | | | 12 | 9,11 | | 11,14 | 10,13 | | | | |
| CVCL_RZ79 | XYFMGG18B | 8 | 69.23% | X,Y | 10,12 | | | 12,13 | 9 | | 11,13 | 9,13 | | | | |
| CVCL_1069 | ALL-PO | 9 | 66.67% | X | 10,11 | | | 11,12 | 9,11 | | 11,12 | 13 | | | 29,30 | |
| CVCL_A9SP | NP4 | 9 | 66.67% | X,Y | 10,12 | 17,25 | 16,17 | 11,12 | 10,11 | 13 | 11,12 | 11,13 | 15,16 | 14,14.2 | 30 | 19, |
| CVCL_S417 | NZM061 | 9 | 66.67% | X,Y | 11,12 | 16,18 | 17 | 11,12 | 11 | 12,13 | 11,13 | 13 | 12,13 | 14,15 | 29,30 | 19, |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CVCL_VP49 | BCJ-4T | 8 | 66.67% | X,Y | 10,12 | | 16,18 | 12 | 11 | 11,14 | 11,12 | 12 | 12,17 | | | 23, |
| CVCL_6404 | HT-297.T | 8 | 66.67% | X,Y | 10,12 | | | 9,12 | 8,9 | | 11,13 | 9,12 | | | | |
| CVCL_8504 | KYSE-1440 | 8 | 66.67% | X | 10 | | | 12 | 9,11 | | 11 | 9,13 | | | | |
| CVCL_B279 | S2-007 | 8 | 66.67% | X | 11,12 | | | 11,12 | 9,11 | | 9,11 | 9 | | | | |
| CVCL_F972 | S2-VP10 | 8 | 66.67% | X | 11,12 | | | 11,12 | 9,11 | | 9,11 | 9 | | | | |
| CVCL_5728 | CLS-54 | 9 | 64.29% | X | 12 | | 18 | 13 | 10,11 | 11 | 11 | 12,13 | 11,17,18 | | 30,31.2 | 20 |
| CVCL_B160 | HUES 29 | 9 | 64.29% | X | 10,12 | | 14,15 | 11,12 | 8,9 | 11,13 | 11,12 | 11,12 | 14,16 | | 31.2 | 21, |
| CVCL_2614 | MOG-G-UVW | 9 | 64.29% | X,Y | 10,11 | 21,24 | 15 | 11,12 | 9,12 | 13,15 | 11 | 13 | 14,15 | 14 | 30,30.2 | 23, |
| CVCL_2901 | FLAM-76 | 8 | 64.00% | X,Y | 10,12 | | | 9,12 | 9,10 | | 8,11 | 9 | | | | |
| CVCL_A9UJ | GSC#277 | 8 | 64.00% | X,Y | 10,12 | | | 12 | 8,10 | | 11 | 12,13 | | | | |
| CVCL_A9VM | GSC#421 | 8 | 64.00% | X,Y | 10,12 | | | 10,12 | 9,11 | | 11 | 10,12 | | | | |
| CVCL_A9W0 | GSC#450 | 8 | 64.00% | X | 10 | | | 11,12 | 9,11 | | 11,13 | 11,13 | | | | |
| CVCL_A9TH | GSC#68 | 8 | 64.00% | X,Y | 10 | | | 11,12 | 10,11 | | 10,11 | 11,13 | | | | |
| CVCL_0809 | Hs 58.Fs | 8 | 64.00% | X,Y | 10,12 | | | 11,12 | 9,10 | | 10,11 | 11 | | | | |
| CVCL_1022 | Hs 919.Sk | 8 | 64.00% | X | 10,12 | | | 12 | 10 | | 11,12 | 11,13 | | | | |
| CVCL_1023 | Hs 919.T | 8 | 64.00% | X | 10,12 | | | 12 | 10 | | 11,12 | 11,13 | | | | |
| CVCL_Y437 | I83-E95 | 8 | 64.00% | X,Y | 10,11 | | | 11,12 | 9.3,11 | | 11,13 | 13 | | | | |
| CVCL_QW85 | MDA-T120 | 8 | 64.00% | X | 12,14 | | | 11,12 | 10,11 | | 11 | 13 | | | | |
| CVCL_1478 | NCI-H1573 | 8 | 64.00% | X | 10,12 | | | 11,13 | 9,11 | | 11,13 | 12 | | | | |
| CVCL_B280 | S2-013 | 8 | 64.00% | X | 11,12 | | | 11,12 | 9,11 | | 9,11 | 9 | | | | |
| CVCL_B281 | S2-020 | 8 | 64.00% | X | 11,12 | | | 11,12 | 9,11 | | 9,11 | 9 | | | | |
| CVCL_F971 | S2-CP8 | 8 | 64.00% | X | 11,12 | | | 11,12 | 9,11 | | 9,11 | 9 | | | | |
| CVCL_1698 *Best* | SK-MG-1 | 8 | 64.00% | X | 12,15 | | | 11,12 | 9,11 | | 11 | 12,13 | | | | |
| CVCL_1698 *Worst* | SK-MG-1 | 8 | 58.33% | X | 12,15 | | | 11,12 | 9 | | 11 | 12,13 | | | | |
| CVCL_YU16 | NCC-MPNST4-C1 | 9 | 63.64% | X,Y | 12 | | | 12 | 11 | | 10 | 9 | | | 30 | |
| CVCL_3061 | NCR-G3 | 8 | 63.64% | X,Y | 9,12 | | | 12 | 11,13 | | 11 | 13 | | | | |
| CVCL_0293 *Best* | HEC-1-A | 9 | 62.50% | X | 10,12 | 18,19 | 15 | 11,14,15 | 9,11 | 13,14 | 11,12 | 12,13 | 16,21 | 13 | 30,31 | 21, |
| CVCL_0293 *Worst* | HEC-1-A | 9 | 54.55% | X | 10,13,14 | 18,19 | 15 | 11,15 | 9,11 | 13,14 | 11 | 12,13 | 16,21 | 13 | 30,31 | 21, |
| CVCL_9S76 | GENYOi006-A | 9 | 62.07% | X,Y | 10,12 | 21,22 | 14,15 | 10,12 | 9,11 | 15 | 11 | 9,15 | 14,16 | 12,14 | 27,30 | 20, |
| CVCL_YN83 | GENYOi006-A-1 | 9 | 62.07% | X,Y | 10,12 | 21,22 | 14,15 | 10,12 | 9,11 | 15 | 11 | 9,14 | 14,16 | 12,14 | 27,30 | 20, |
| CVCL_YN84 | GENYOi006-A-2 | 9 | 62.07% | X,Y | 10,12 | 21,22 | 14,15 | 10,12 | 9,11 | 15 | 11 | 9,14 | 14,16 | 12,14 | 27,30 | 20, |
| CVCL_YP34 | H58 | 9 | 62.07% | X,Y | 12 | | | 12 | 11,12 | | 9,11 | 11,13 | | | 28,30 | |
| CVCL_VR76 | ICCSICi008-A | 9 | 62.07% | X,Y | 10,12 | | | 11,12 | 8,11 | | 9,11 | 12,13 | | | 30 | |
| CVCL_EG16 | JVE015 | 9 | 62.07% | X | 12 | | | 11,12 | 9,11 | | 11,12 | 9 | | | 30,32.2 | |
| CVCL_2993 | KMS-27 | 9 | 62.07% | X,Y | 10,12 | | 16,17 | 10,12 | 11 | 11,12 | 10,11 | 11,12 | 14,16 | | 30,32.2 | 22, |
| CVCL_S432 | NZM027 | 9 | 62.07% | X | 11 | 17,23 | 17,20 | 11,12 | 9,11 | 11,12 | 11,13 | 12 | 12,14 | 12 | 30,31.2 | 22, |
| CVCL_2675 | OV7 | 9 | 62.07% | X | 12,13 | 20,24 | 16 | 11,12 | 9,11 | 10,14 | 8,11 | 13 | 12,14 | 14 | 30,31.2 | 23 |
| CVCL_A1WQ | RCNSi001-A | 9 | 62.07% | X | 10,12 | | | 12,13 | 8,11 | | 11,14 | 13 | | | 28,31.2 | |
| CVCL_A1WR | RCNSi001-B | 9 | 62.07% | X | 10,12 | | | 12,13 | 8,11 | | 11,14 | 13 | | | 28,31.2 | |
| CVCL_A1WS | RCNSi002-A | 9 | 62.07% | X | 10,12 | | | 12,13 | 8,11 | | 11,14 | 13 | | | 28,31.2 | |
| CVCL_A1WT | RCNSi002-B | 9 | 62.07% | X | 10,12 | | | 12,13 | 8,11 | | 11,14 | 13 | | | 28,31.2 | |
| CVCL_1706 *Best* | SNB-75 | 9 | 62.07% | X | 10,12 | 17,23 | 17 | 12 | 9,11 | 12 | 8,12 | 11,13 | 18 | 13,14 | 30 | 19, |
| CVCL_1706 *Worst* | SNB-75 | 9 | 51.85% | X | 10,12 | 17,23 | 17 | 12 | 9 | 12 | 8,12 | 11,13 | 18 | 13,14 | 30 | 19, |
| CVCL_3172 | SUIT-2 | 9 | 62.07% | X | 11,12 | | 16 | 11,12 | 9,11 | 14,15 | 9,11 | 9 | 16 | | 29,30 | 20, |
| CVCL_1G08 *Best* | HROC80 T1 M1 | 9 | 61.54% | X | 12 | | | 12,13 | 9,11 | | 8 | 10 | | | 30,30.2 | |
| CVCL_1G08 *Worst* | HROC80 T1 M1 | 9 | 59.26% | X | 12 | | | 12,13 | 9,11 | | 8 | 10,15 | | | 30,30.2 | |
| CVCL_A4GK | hTERT-VFF E10 | 9 | 61.54% | X | 10,11 | | 14,18 | 11,12 | 11 | 10,13 | 13 | 11,13 | 15,19 | | 29,31.2 | 22, |
| CVCL_A4GI | hTERT-VFF E6 | 9 | 61.54% | X | 10,11 | | 14,18 | 11,12 | 11 | 10,13 | 13 | 11,13 | 15,19 | | 29,31.2 | 22, |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CVCL_A4GJ | hTERT-VFF E7 | 9 | 61.54% | X | 10,11 | | 14,18 | 11,12 | 11 | 10,13 | 13 | 11,13 | 15,19 | | 29,31.2 | 22, |
| CVCL_A625 *Best* | IPH-926 | 9 | 61.54% | X | 10,12 | 19,20 | 15 | 11 | 9,11 | 13,15 | 11 | 12 | 12,22 | 16 | 30 | 19 |
| CVCL_A625 *Worst* | IPH-926 | 9 | 53.85% | X | 10,12 | 19,20 | 15 | 11 | 9,11 | 13,15 | 11 | 12 | 12,22 | 16 | 30 | 19 |
| CVCL_RP46 | LUTC-10 | 9 | 61.54% | X,Y | 11,12 | 17,25 | 14,16 | 11 | 9,11 | 13,14 | 11,14 | 9,11 | 14 | 14 | 30 | 19, |
| CVCL_0485 *Best* | PLC/PRF/5 | 9 | 61.54% | X | 10 | 19 | 15 | 12 | 9,11 | 13,16 | 11,12 | 13 | 17 | 11,13 | 30,33.2 | 19 |
| CVCL_0485 *Worst* | PLC/PRF/5 | 9 | 59.26% | X | 10 | 19,22 | 15 | 12 | 9,11 | 13,16 | 11,12 | 13 | 17 | 11,13 | 30,33.2 | 19 |
| CVCL_0167 *Best* | SK-N-BE(2)-M17 | 9 | 61.54% | X | 10 | 17,23 | 19 | 12 | 9,10 | 13,14 | 11 | 11 | 14 | 12,13 | 30,32.2 | 22, |
| CVCL_0167 *Worst* | SK-N-BE(2)-M17 | 9 | 48.00% | X | 10 | 23 | 19 | 12 | 9,10 | 13,14 | 11 | 9,11 | 16,26 | 12,13 | 30,32.2 | 22, |
| CVCL_IR61 | U3013MG | 9 | 61.54% | X | 10,12 | 25,26 | 17,19 | 12 | 9,11 | 13,14 | 14 | 10 | 13,14 | 14 | 31.2,32.2 | 18, |
| CVCL_C279 | WM3918 | 9 | 61.54% | X,Y | 12 | 19,24 | 17 | 11,12 | 12 | 13,16 | 11 | 10,13 | 9,13 | 14,16 | 28,30 | 20, |
| CVCL_6364 | 9D10 | 8 | 61.54% | X,Y | 10,12 | | | 11,12 | 8,11 | | 9,13 | 11,13 | | | | |
| CVCL_YB33 | EDi041-A | 8 | 61.54% | X | 10,12 | | | 11,12 | 11,12 | | 11,12 | 12,13 | | | | |
| CVCL_2490 | HG-261 | 8 | 61.54% | X,Y | 11,12 | | | 11,12 | 10,11 | | 9,11 | 12,13 | | | | |
| CVCL_3519 | Hs 207.T | 8 | 61.54% | X | 10,12 | | | 12 | 11,12 | | 11,12 | 11,12 | | | | |
| CVCL_0695 | Hs 222.Sp | 8 | 61.54% | X | 10,12 | | | 11,12 | 9,11 | | 9,11 | 12,13 | | | | |
| CVCL_0747 | Hs 401.Lu | 8 | 61.54% | X | 10,12 | | | 11,13 | 9,11 | | 11,12 | 8,9 | | | | |
| CVCL_0859 | Hs 701.T | 8 | 61.54% | X | 10,12 | | | 10,12 | 11,12 | | 11,12 | 11 | | | | |
| CVCL_9Q53 | HUVEC/TERT2 | 8 | 61.54% | X | 12 | | | 15,16 | 9,11 | | 11,12 | 9,13 | | | | |
| CVCL_UJ14 | JMP-1 | 8 | 61.54% | X,Y | 11,12 | | | 11,12 | 11,12 | | 11 | 9,13 | | | | |
| CVCL_3019 | Marcus | 8 | 61.54% | X | 12,15 | | | 11,12 | 9,11 | | 11 | 12,13 | | | | |
| CVCL_2558 | XP6BR LCL | 8 | 61.54% | X,Y | 10,12 | | | 11,12 | 8,12 | | 11,12 | 9,13 | | | | |
| CVCL_RZ74 | XYFMGC07K | 8 | 61.54% | X,Y | 10,12 | | | 11,13 | 10,11 | | 11,13 | 12,13 | | | | |
| CVCL_V643 | CHL-2 | 8 | 60.87% | X | 10 | | | 11,12 | 11,13 | | 8,11 | 13 | | | | |
| CVCL_1257 | HCC1599 BL | 8 | 60.87% | X | 12,13 | | | 12 | 10,11 | | 8,11 | 12,13 | | | | |
| CVCL_3317 | HMCB | 8 | 60.87% | X | 10 | | | 11,12 | 11,13 | | 8,11 | 13 | | | | |
| CVCL_0731 | Hs 364.Ct | 8 | 60.87% | X,Y | 12 | | | 12 | 11,12 | | 11 | 10,13 | | | | |
| CVCL_0803 | Hs 573.Lu | 8 | 60.87% | X | 12 | | | 12,13 | 11,12 | | 10,11 | 9,12 | | | | |
| CVCL_0804 | Hs 573.T | 8 | 60.87% | X,Y | 12 | | | 12,13 | 11,12 | | 10,11 | 9,12 | | | | |
| CVCL_1340 | KP-N-SI9s | 8 | 60.87% | X,Y | 10 | | | 13 | 8,11 | | 11,14 | 9,13 | | | | |
| CVCL_1T57 | PCI-22B | 8 | 60.87% | X | 10,12 | | | 10,12 | 10,11 | | 12 | 9 | | | | |
| CVCL_G366 | SKR1 | 8 | 60.87% | X | 10,12 | | | 10,12 | 10,11 | | 12 | 9 | | | | |
| CVCL_IR64 | U3019MG | 8 | 60.87% | X | 10,12 | | 17,19 | 12 | 9,11 | 13,14 | 14 | 10 | 13,14 | 14 | 31.2,32.2 | 18, |
| CVCL_0207 *Best* | CCRF-CEM | 9 | 60.00% | X | 10,11 | 24 | 14,15 | 12,13 | 9,12 | 12,13 | 11 | 10,13 | 13,18 | 14,15 | 30,33.2 | 23, |
| CVCL_0207 *Worst* | CCRF-CEM | 9 | 50.00% | X | 11 | 24 | 15,16 | 12,13 | 9,13 | 13 | 10,11,12 | 10,13,14 | 13,18 | 14,15 | 30,33.2 | 23, |
| CVCL_A5RK | CD#59 ipsC | 9 | 60.00% | X | 11,12 | | | 10,12 | 9,11 | | 8,11 | 11,12 | | | 30,31.2 | |
| CVCL_VG71 | CGBC 01 | 9 | 60.00% | X | 10,13 | 23,24 | 15,16 | 9,12 | 9,11 | 13,14 | 8,9 | 11,13 | 13,14 | 14 | 30,32.2 | 23, |
| CVCL_0P14 | GM00059 | 9 | 60.00% | X | 11,12 | | | 10,12 | 9,11 | | 8,11 | 11,12 | | | 30,31.2 | |
| CVCL_B187 | HUES 53 | 9 | 60.00% | X,Y | 12,13 | 17,23 | 15,16 | 11,12 | 11,12 | 12,14 | 11,12 | 11,12 | 15,20 | 14 | 30,31.2 | 21, |
| CVCL_UN03 | ICCSICi006-A | 9 | 60.00% | X,Y | 10,12 | | | 11,12 | 11,12 | | 8,11 | 9,13 | | | 30,31.2 | |
| CVCL_VX34 | OCC-06 | 9 | 60.00% | X,Y | 10,12 | 23,25 | 16,17 | 12 | 8,12 | 10,12 | 11,12 | 9,13 | 15,23 | 12,14 | 28,30 | 24 |
| CVCL_5216 | PMC42-LA | 9 | 60.00% | X | 10,12 | | 15 | 11,12 | 7,9 | 13 | 11,14 | 9,11 | 14,17 | | 30,31.2 | 20 |
| CVCL_4020 | SK-RC-35 | 9 | 60.00% | X | 11,12 | 23,24 | 17 | 12 | 8,9 | 11,13,14 | 11,12 | 10,13 | 12,19 | 14 | 30,32.2 | 21, |
| CVCL_5133 | HCC2450 | 8 | 60.00% | X,Y | 13 | | | 12 | 9 | | 11 | 11,13 | | | | |

**Article:** Robin T, Capes-Davis A, Bairo

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