DF = Dermal Fibroblast
LBV=Lymphoblast
iPSC = Induced Pluripotent Stem Cell
Cost of each DF & LBV cell line is $80.50
Cost of each Immortalized Fibroblast cell line is $80.50
Cost of each iPSC line is $100.00

# The Progeria Research Foundation Cell and Tissue Bank
# Hutchinson-Gilford Progeria Syndrome and Progeroid Laminopathies
## Cell Lines Available

| IMMORTALIZED FIBROBLAST CELL LINES | | | | | |
|---|---|---|---|---|---|
| **Cell Line #** | **Relation to Proband** | **Age at Donation** | **Gender** | **Mutational Analysis** | **Other Lines From This Donor** |
| PSADFSV40T317[1] | Proband (& sibling of PSADFN318) | 3 yr 9 mo | Male | ZMPste24 Exon 6, heterozygous c.743C>T(p.Pro248Leu); Exon 10, heterozygous c.1349G>A(p.Trp450Stop) | PSADFN317 |
| HGFDFSV40T168[1, 2, 5] | Father of HGADFN167 | 40 yrs 5 mos | Male | LMNA Exon 11, Negative | HGFDFN168 HGFLBV021 iPSC lines |
| HGMDFSV40T090[1, 2, 5] | Mother of HGADFN167 | 37 yrs 10 mos | Female | LMNA Exon 11, Negative | HGMDFN090 HGMLBV010 iPSC lines |
| HGFDFSV40T369[1, 2, 5] | Father of HGADFN367 | 33 yrs 9 mos | Male | Negative | HGFDFN369 |
| PSFDFSV40T376[1] | Father of PSADFN373 | 32 yrs 6 mos | Male | ZMPste24 Exon 10, heterozygous c.1274T>C (p.Leu425Pro) | PSFDFN376 PSFLBV344 |
| HGMDFSV40T368[1, 2, 5] | Mother of HGADFN367 | 31 yrs 7 mos | Female | Negative | HGMDFN368 |

[1]Representative cultures from this cell line have tested negative for mycoplasma contamination at The PRF Cell and Tissue Bank. Please note: mycoplasma testing is performed on random passages. As part of our on-going quality control, The PRF Cell and Tissue Bank periodically tests the cultures for mycoplasma contamination using R&D Systems Mycoplasma Detection Kit (catalog # CUL001B).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative cultures from this cell line have tested negative for mycoplasma contamination at Ottawa Hospital Research Institute. Please note: mycoplasma testing is performed on random passages. As part of our on-going quality control, The Human Pluripotent Stem Cell Facility/Dr. William Stanford laboratory periodically tests the cultures for mycoplasma contamination using a PCR based approach (Detection of mycoplasma contaminations., Uphoff CC, Drexler HG., Methods Mol Biol. 2013;946:1-13. doi: 10.1007/978-1-62703-128-8_1. PMID:23179822).
[5]Genetic sequencing on blood DNA agrees with fibroblast DNA unless otherwise noted. Blood sequencing performed for the PRF Diagnostics Program or outside facility. Please contact the PRF Cell and Tissue Bank coordinator for additional details.