

# Resource Summary Report

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## Human Reference Genetic Material Repository

RRID:SCR\_004693

Type: Tool

### Proper Citation

Human Reference Genetic Material Repository (RRID:SCR\_004693)

### Resource Information

**URL:** <http://ccr.coriell.org/Sections/Collections/HuREF/?SsId=78>

**Proper Citation:** Human Reference Genetic Material Repository (RRID:SCR\_004693)

**Description:** The Human Reference Genetic Material Repository makes available DNA from a single individual, J. Craig Venter, whose genome has been sequenced and assembled. The DNA samples are prepared from a lymphoblastoid cell line established at Coriell Cell Repositories from a sample of peripheral blood. The DNA samples are available in 50 microgram aliquots. The lymphoblastoid cell line is not available for distribution. The human DNA sample provided is that of J. Craig Venter whose DNA from white blood cells and sperm was sequenced using Sanger chemistry (ABI Capillary Electrophoresis Platforms 3700 and 3730xl), assembled using the Celera Assembler and was published in PLoS Biology . J. Craig Venter, born on 14 October 1946, is a Caucasian male of self-reported European-American ancestry. The data available on this sample, whose genome assembly is referred to as HuRef, includes: \* Whole Genome Shotgun Sequencing data \* Sequence trace set deposited by JCVI in the NCBI trace archive \* Human Genome Browser displaying sequence assembly, DNA variants and gene annotations Additional data sets from this study include: \* Full set of Sanger reads used for genome assembly \* SNP and insertion/deletion variant on the human genome sequence coordinates (NCBI version 36) \* Affymetrix 500K GeneChip data \* Illumina HumanHap650Y Genotyping BeadChip data Given the amount of data publicly available the genomic content of this sample, HuRef will be useful as a reference for many genetic studies.

**Abbreviations:** HuRef Repository

**Synonyms:** J. Craig Venter Institute Human Reference Genome (HuRef)

**Resource Type:** material resource, biomaterial supply resource

**Keywords:** lymphoblastoid cell line, blood, cell culture, male, caucasian, genome, genetics, dna

**Related Condition:** N/A

**Availability:** Public, \$150 non-profit/academic, \$250 commercial for 50 ug DNA

**Resource Name:** Human Reference Genetic Material Repository

**Resource ID:** SCR\_004693

**Alternate IDs:** nlx\_143868

**Record Creation Time:** 20220129T080226+0000

**Record Last Update:** 20260810T040408+0000

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## Ratings and Alerts

No rating or validation information has been found for Human Reference Genetic Material Repository.

No alerts have been found for Human Reference Genetic Material Repository.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.