

Resource Summary Report

Generated by ASWG on Aug 3, 2026

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: biomaterial supply resource, material 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: 20260801T191037+0000

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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.