

BSgenome.Hsapiens.1000genomes.hs37d5

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BSgenome.Hsapiens.1000genomes.hs37d5

1000genomes Reference Genome Sequence (hs37d5)

Description

Full 1000genomes Phase2 Reference Genome Sequence (hs37d5), based on NCBI GRCh37.

Note

This BSgenome data package was made from the following source data file:

ftp://ftp.1000genomes.ebi.ac.uk/vol1/ftp/technical/reference/phase2_reference_assembly_sequence/hs37d5.fa.gz

The genome is composed of:

- Integrated reference sequence from the GRCh37 primary assembly (chromosomal plus unlocalized and unplaced contigs)
- The rCRS mitochondrial sequence (AC:NC_012920)
- Human herpesvirus 4 type 1 (AC:NC_007605)
- Concatenated decoy sequences (hs37d5cs.fa.gz)

For details, please see ftp://ftp.1000genomes.ebi.ac.uk/vol1/ftp/technical/reference/phase2_reference_assembly_sequence/README_human_reference_20110707.

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See Also

- [BSgenome](#) objects and the [available.genomes](#) function in the **BSgenome** software package.
- [DNAString](#) objects in the **Biostrings** package.
- The `BSgenomeForge` vignette (`vignette("BSgenomeForge")`) in the **BSgenome** software package for how to make a BSgenome data package.

Examples

```
BSgenome.Hsapiens.1000genomes.hs37d5
genome <- BSgenome.Hsapiens.1000genomes.hs37d5
seqlengths(genome)
```

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