Package ‘ceu1kg’

March 23, 2017

Title CEU (N=60) genotypes from 1000 genomes pilot phase I
Version 0.12.0
Author VJ Carey <stvjc@channing.harvard.edu>
Description CEU genotypes from 1000 genomes “low coverage” pilot phase I
(approx 8 million SNP calls released July 2010); includes
Wellcome trust GENEVAR expression for 43 indiv
Depends R (>= 2.12.0), GGBase (>= 3.9.0), GGtools, Biobase
Suggests SNPlocs.Hsapiens.dbSNP.20101109
Maintainer VJ Carey <stvjc@channing.harvard.edu>
License Artistic-2.0
biocViews SNPData, HapMap, Project1000genomes
NeedsCompilation no

R topics documented:

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ceu1kg-package

Description
CEU genotypes from 1000 genomes pilot phase I (approx 8 million SNP); includes wellcome trust
GENEVAR expression for 41 individuals

Details

Package: ceu1kg
Version: 0.0.10
Depends: R (>= 2.11.1), GGBase (>= 3.9.0)
License: Artistic-2.0
LazyLoad: yes
Built: R 2.12.0; ; 2010-07-01 01:14:27 UTC; unix
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ceu1kg-package 60 hapmap CEU samples, 47K expression, 8mm 1000 genomes SNP

There are three two data resources provided here.

First, the 1000 genomes SNP calls for 60 CEU individuals were extracted from the pilot data VCF file ftp://ftp-trace.ncbi.nih.gov/1000genomes/ftp/pilot_data/release/2010_07/low_coverage/snps/CEU.low_coverage.2010_07.genotypes.vcf.gz.

Second, a smlSet-class is provided for 43 individuals in the 1000 genomes CEU SNP call set for whom expression data are available via the Sanger GENEVAR distribution (ftp://ftp.sanger.ac.uk/pub/genevar/CEU_parents_norm_march2007.zip).

Author(s)

The R package was created by VJ Carey <stvjc@channing.harvard.edu>
Maintainer: VJ Carey <stvjc@channing.harvard.edu>

Examples

library(ceu1kg)
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