Resource Summary Report

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HapMap 3 and ENCODE 3

RRID:SCR_004563
Type: Tool

Proper Citation

HapMap 3 and ENCODE 3 (RRID:SCR_004563)

Resource Information

URL: http://www.hgsc.bcm.tmc.edu/content/hapmap-3-and-encode-3

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Description: Draft release 3 for genome-wide SNP genotyping and targeted sequencing in DNA samples from a variety of human populations (sometimes referred to as the HapMap 3 samples). This release contains the following data: * SNP genotype data generated from 1184 samples, collected using two platforms: the Illumina Human1M (by the Wellcome Trust Sanger Institute) and the Affymetrix SNP 6.0 (by the Broad Institute). Data from the two platforms have been merged for this release. * PCR-based resequencing data (by Baylor College of Medicine Human Genome Sequencing Center) across ten 100-kb regions (collectively referred to as ENCODE 3) in 712 samples. Since this is a draft release, please check this site regularly for updates and new releases. The HapMap 3 sample collection comprises 1,301 samples (including the original 270 samples used in Phase I and II of the International HapMap Project) from 11 populations, listed below alphabetically by their 3-letter labels. Five of the ten ENCODE 3 regions overlap with the HapMap-ENCODE regions; the other five are regions selected at random from the ENCODE target regions (excluding the 10 HapMap-ENCODE regions). All ENCODE 3 regions are 100-kb in size, and are centered within each respective ENCODE region. The HapMap 3 and ENCORE 3 data are downloadable from the ftp site.

Abbreviations: HapMap 3 and ENCORE 3

Resource Type: database, data or information resource

Keywords: human, gene, genotype, sequence, single nucleotide polymorphism, dna, software

Funding: Wellcome Trust ;

NHGRI ;
NIDCD

Resource Name: HapMap 3 and ENCODE 3

Resource ID: SCR_004563

Alternate IDs: nlx_143820

Old URLs: http://www.hgsc.bcm.tmc.edu/project-medseq-hm-hapmap3encode3.hgsc?pageLocation=hapmap3encode3

Record Creation Time: 20220129T080225+0000

Record Last Update: 20250420T015507+0000

Ratings and Alerts

No rating or validation information has been found for HapMap 3 and ENCODE 3.

No alerts have been found for HapMap 3 and ENCODE 3.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Tjader NP, et al. (2024) Association of ESR1 Germline Variants with TP53 Somatic Variants in Breast Tumors in a Genome-wide Study. Cancer research communications, 4(6), 1597.

Gupta R, et al. (2021) Human genetic analyses of organelles highlight the nucleus in age-related trait heritability. eLife, 10.

Factor DC, et al. (2020) Cell Type-Specific Intralocus Interactions Reveal Oligodendrocyte Mechanisms in MS. Cell, 181(2), 382.