

Resource Summary Report

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CDC Cell and DNA Repository

RRID:SCR_004680

Type: Tool

Proper Citation

CDC Cell and DNA Repository (RRID:SCR_004680)

Resource Information

URL: <http://ccr.coriell.org/Sections/Collections/CDC/?SsId=16>

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Description: A repository which houses DNA samples prepared from reference cell lines and are available for use in molecular genetic testing. The CF samples contain mutations associated with unique populations, combinations of IVS8 poly-thymidine tract variants, and mutations not previously available. Three DNA samples with homozygous MTHFR-related mutations are available. Hemochromatosis-associated samples include a compound HFE heterozygote and other combinations of HFE alleles. DNA samples with triplet repeats at the intermediate-range are available for HD and Fragile X syndrome. Mutations were confirmed in all cell lines from which the DNA has been prepared by reference testing and multi-laboratory pilot testing. Control DNA samples negative for all mutations are also available. Laboratories are encouraged to contact Coriell Cell Repositories to inquire about obtaining samples or donating samples as possible candidates for transformation.

Synonyms: Centers for Disease Control and Prevention Cell and DNA Repository

Resource Type: cell repository, material resource, biomaterial supply resource

Keywords: genetic, mutation, lymphoblastoid cell culture, cell line, dna, cystic fibrosis, mthfr, hfe-associated hereditary hemochromatosis, huntington's disease, fragile x syndrome, muenke syndrome, connexin 26-associated deafness, alpha-thalassemia, control

Related Condition: Cystic fibrosis, 5 10 methylenetetrahydrofolate reductase deficiency, HFE-associated hereditary hemochromatosis, Huntington's disease, Fragile X syndrome, Muenke syndrome, Connexin 26-associated deafness, Alpha-thalassemia

Funding: Centers for Disease Control and Prevention

Availability: Distributed only to qualified professional persons who are associated with recognized research/medical/educational/industrial organizations engaged in health-related research or health delivery

Resource Name: CDC Cell and DNA Repository

Resource ID: SCR_004680

Alternate IDs: nlx_143863

Record Creation Time: 20220129T080225+0000

Record Last Update: 20260805T044112+0000

Ratings and Alerts

No rating or validation information has been found for CDC Cell and DNA Repository.

No alerts have been found for CDC Cell and DNA Repository.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.