Resource Summary Report

Generated by NIF on Apr 25, 2025

NCBI Probe

RRID:SCR_004816
Type: Tool

Proper Citation

NCBI Probe (RRID:SCR_004816)

Resource Information

URL: http://www.ncbi.nlm.nih.gov/probe

Proper Citation: NCBI Probe (RRID:SCR_004816)

Description: Public registry of nucleic acid reagents designed for use in a wide variety of biomedical research applications including genotyping, gene expression studies, SNP discovery, genome mapping, and gene silencing. Probe records contain information on reagent distributors, probe effectiveness, and computed sequence similarities. The database is constantly updated, with over 11,000,000 probes available. Users may deposit their data into NCBI Probe Database.

Abbreviations: NCBI Probe

Synonyms: NCBI Probe Database, Entrez Probe Database, ProbeDB, Probe Database, dbProbe

Resource Type: data or information resource, storage service resource, database, service resource, data repository

Keywords: reagent, probe, registry, nucleic acid, gene expression, gene mapping, gene silencing, dna data bank, nucleic acid probe, gold standard, bio.tools

Funding:

Availability: Public, The community can contribute to this resource

Resource Name: NCBI Probe

Resource ID: SCR_004816

Alternate IDs: nlx_80513, biotools:ncbi_dbprobe

Alternate URLs: http://www.ncbi.nlm.nih.gov/sites/entrez?db=probe, https://bio.tools/ncbi_dbprobe

Record Creation Time: 20220129T080226+0000

Record Last Update: 20250425T055426+0000

Ratings and Alerts

No rating or validation information has been found for NCBI Probe.

No alerts have been found for NCBI Probe.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Ashbrook DG, et al. (2021) A platform for experimental precision medicine: The extended BXD mouse family. Cell systems, 12(3), 235.

Couto Alves A, et al. (2019) GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. Science advances, 5(9), eaaw3095.

Nishii K, et al. (2019) Partial reduced Pi transport function of PiT-2 might not be sufficient to induce brain calcification of idiopathic basal ganglia calcification. Scientific reports, 9(1), 17288.

Neureiter A, et al. (2018) Generation of an iPSC line of a patient with Angelman syndrome due to an imprinting defect. Stem cell research, 33, 20.

Braumann I, et al. (2018) Mutations in the gene of the G? subunit of the heterotrimeric G protein are the cause for the brachytic1 semi-dwarf phenotype in barley and applicable for practical breeding. Hereditas, 155, 10.

Kim H, et al. (2017) MRPrimerV: a database of PCR primers for RNA virus detection. Nucleic acids research, 45(D1), D475.

Li H, et al. (2017) Identification of a Sjögren's syndrome susceptibility locus at OAS1 that

influences isoform switching, protein expression, and responsiveness to type I interferons. PLoS genetics, 13(6), e1006820.

Penet L, et al. (2017) Data on microsatellite markers in Colletotrichum gloeosporioides s.l., polymorphism levels and diversity range. Data in brief, 12, 644.

Salgueiro P, et al. (2016) Molecular evolution and population genetics of a Gram-negative binding protein gene in the malaria vector Anopheles gambiae (sensu lato). Parasites & vectors, 9(1), 515.

Cao WM, et al. (2016) Novel germline mutations and unclassified variants of BRCA1 and BRCA2 genes in Chinese women with familial breast/ovarian cancer. BMC cancer, 16, 64.

Johansson MM, et al. (2015) Microarray Analysis of Copy Number Variants on the Human Y Chromosome Reveals Novel and Frequent Duplications Overrepresented in Specific Haplogroups. PloS one, 10(8), e0137223.

Mangone FR, et al. (2015) ATM gene mutations in sporadic breast cancer patients from Brazil. SpringerPlus, 4, 23.

Huang J, et al. (2015) Identification of genetic loci affecting the severity of symptoms of Hirschsprung disease in rats carrying Ednrbsl mutations by quantitative trait locus analysis. PloS one, 10(3), e0122068.

Bennett TM, et al. (2014) Mutation of the melastatin-related cation channel, TRPM3, underlies inherited cataract and glaucoma. PloS one, 9(8), e104000.

Ross AA, et al. (2013) Microsatellite markers in the western prairie fringed orchid, Platanthera praeclara (Orchidaceae). Applications in plant sciences, 1(4).

Mercimek-Mahmutoglu S, et al. (2011) Phenotypic heterogeneity in two siblings with 3-methylglutaconic aciduria type I caused by a novel intragenic deletion. Molecular genetics and metabolism, 104(3), 410.

Wang Y, et al. (2010) An overview of the PubChem BioAssay resource. Nucleic acids research, 38(Database issue), D255.