

Resource Summary Report

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MPDB - Molecular Probe Database

RRID:SCR_007808

Type: Tool

Proper Citation

MPDB - Molecular Probe Database (RRID:SCR_007808)

Resource Information

URL: <http://bioinformatics.istge.it/cldb/mpdb.html>

Proper Citation: MPDB - Molecular Probe Database (RRID:SCR_007808)

Description: A database containing information on ca. 4300 synthetic oligonucleotides with a sequence of up to 100 nucleotides. Data are mainly taken from the literature and are encoded on the basis of controlled vocabularies. The probes target 821 different genes, of which 691 human and 112 viral. The probes can be used for genetic polymorphisms study (1944), human inherited disease diagnosis (834), cancer diagnosis (517), infectious disease diagnosis (517), neurologic disease diagnosis (72), autoimmune disease diagnosis (40). Oligonucleotides are described on the basis of: name, oligo type (primer, probe, antisense), nucleotide sequence, amino acid sequence (if part of a coding region), target gene and related infos (localization within the gene and recognized variants or specificities), applications, methods, technical notes, complementary primer (if used for PCR), primers for amplification (if probe), bibliographic references. At the moment MPDB is searchable through some SRS servers. MPDB can easily be retrieved from our FTP server, together with SRS syntax files. Typology * ca. 4300 oligonucleotides * 821 different genes, of which 691 human and 112 viral * ca. 3536 oligonucleotides are human gene specific * ca. 620 oligonucleotides are viral gene specific

Abbreviations: MPDB

Synonyms: Molecular Probe Data Base (MPDB), Molecular Probe Data Base, Molecular Probe Database

Resource Type: data or information resource, database

Defining Citation: [PMID:9399819](#), [PMID:9016509](#), [PMID:8594603](#), [PMID:7937049](#), [PMID:8332523](#), [PMID:1598231](#)

Keywords: molecular probe, synthetic oligonucleotide, molecule, probe, synthetic, oligonucleotide, nucleotide sequence, amino acid sequence, oligo probe, oligo dna, pcr primer, virus

Related Condition: Genetic polymorphism, Inherited disease, Infectious disease, Neurologic disease, Autoimmune disease, Cancer

Resource Name: MPDB - Molecular Probe Database

Resource ID: SCR_007808

Alternate IDs: nif-0000-03165

Record Creation Time: 20220129T080243+0000

Record Last Update: 20260806T054448+0000

Ratings and Alerts

No rating or validation information has been found for MPDB - Molecular Probe Database.

No alerts have been found for MPDB - Molecular Probe Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.