

Resource Summary Report

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Bio-Rad: DCode Universal Mutation Detection System

RRID:SCR_019687

Type: Tool

Proper Citation

Bio-Rad: DCode Universal Mutation Detection System (RRID:SCR_019687)

Resource Information

URL: <https://www.bio-rad.com/en-us/product/dcode-universal-mutation-detection-system?ID=b06708b1-b4d2-4ac4-a32b-c696666a4f90>

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Description: Universal mutation detection system that can scan for single-base changes by using a variety of electrophoretic techniques, including single-stranded conformation polymorphism, denaturing gradient gel electrophoresis, constant denaturing gel electrophoresis, and temporal temperature gradient gel electrophoresis.

Resource Type: instrument resource

Keywords: Bio-Rad, Mutation Detection System, Instrument, Equipment, USEdit,

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_019687.pdf

Resource Name: Bio-Rad: DCode Universal Mutation Detection System

Resource ID: SCR_019687

Alternate IDs: Model_Number_DCode

Record Creation Time: 20220129T080346+0000

Record Last Update: 20260829T182629+0000

Ratings and Alerts

No rating or validation information has been found for Bio-Rad: DCode Universal Mutation Detection System.

No alerts have been found for Bio-Rad: DCode Universal Mutation Detection System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

El-Shenawy FA, et al. (2025) Climate-driven co-evolution of antimicrobial resistance and virulence in Escherichia coli on dairy farms: unraveling adaptive genetic signatures with novel SSCP-PCR. World journal of microbiology & biotechnology, 41(11), 419.

McDew-White M, et al. (2019) Mode and Tempo of Microsatellite Length Change in a Malaria Parasite Mutation Accumulation Experiment. Genome biology and evolution, 11(7), 1971.

Li X, et al. (2018) Lycopene Is Enriched in Tomato Fruit by CRISPR/Cas9-Mediated Multiplex Genome Editing. Frontiers in plant science, 9, 559.

S S, et al. (2017) Molecular Characterization of Iranian Patients with Inherited Coagulation Factor VII Deficiency. Balkan journal of medical genetics : BJMG, 20(2), 19.

Saunier C, et al. (2016) Expanding the Phenotype Associated with NAA10-Related N-Terminal Acetylation Deficiency. Human mutation, 37(8), 755.

Zhou X, et al. (2016) Cecal microbiota of Tibetan Chickens from five geographic regions were determined by 16S rRNA sequencing. MicrobiologyOpen, 5(5), 753.

Bee YM, et al. (2015) Whole Exome Sequencing Identifies a Novel and a Recurrent Mutation in BBS2 Gene in a Family with Bardet-Biedl Syndrome. BioMed research international, 2015, 524754.

Forleo C, et al. (2015) Clinical and functional characterization of a novel mutation in lamin a/c gene in a multigenerational family with arrhythmogenic cardiac laminopathy. PloS one, 10(4), e0121723.

Saiki AY, et al. (2015) Identifying the determinants of response to MDM2 inhibition. Oncotarget, 6(10), 7701.

Chen Y, et al. (2015) Salecan Enhances the Activities of ??-1,3-Glucanase and Decreases the Biomass of Soil-Borne Fungi. PloS one, 10(8), e0134799.

Paton L, et al. (2014) A novel mouse model of a patient mucopolipidosis II mutation recapitulates disease pathology. *The Journal of biological chemistry*, 289(39), 26709.

Shekar S, et al. (2014) Detecting novel genetic variants associated with isoniazid-resistant *Mycobacterium tuberculosis*. *PloS one*, 9(7), e102383.

Fliegerova K, et al. (2014) Effect of DNA extraction and sample preservation method on rumen bacterial population. *Anaerobe*, 29, 80.

Romano-Bertrand S, et al. (2014) Dynamics of the surgical microbiota along the cardiothoracic surgery pathway. *Frontiers in microbiology*, 5, 787.

Jaiswal BS, et al. (2013) Oncogenic ERBB3 mutations in human cancers. *Cancer cell*, 23(5), 603.

Mohamadkhani A, et al. (2013) Detection of TP53 R249 Mutation in Iranian Patients with Pancreatic Cancer. *Journal of oncology*, 2013, 738915.

Liu Y, et al. (2013) Inheritable and precise large genomic deletions of non-coding RNA genes in zebrafish using TALENs. *PloS one*, 8(10), e76387.

Rachid CT, et al. (2012) Physical-chemical and microbiological changes in Cerrado Soil under differing sugarcane harvest management systems. *BMC microbiology*, 12, 170.

Manji SS, et al. (2011) A mutation in synaptotagmin 2 causes progressive hearing loss in the ENU-mutagenised mouse strain Mozart. *PloS one*, 6(3), e17607.

Southgate L, et al. (2011) Gain-of-function mutations of ARHGAP31, a Cdc42/Rac1 GTPase regulator, cause syndromic cutis aplasia and limb anomalies. *American journal of human genetics*, 88(5), 574.