

Resource Summary Report

Generated by RRID on Aug 7, 2026

CODEHOP

RRID:SCR_002898

Type: Tool

Proper Citation

CODEHOP (RRID:SCR_002898)

Resource Information

URL: <http://blocks.fhcrc.org/codehop.html>

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Description: THIS RESOURCE IS NO LONGER IN SERVICE, documented May 10, 2017. A pilot effort that has developed a centralized, web-based biospecimen locator that presents biospecimens collected and stored at participating Arizona hospitals and biospecimen banks, which are available for acquisition and use by researchers. Researchers may use this site to browse, search and request biospecimens to use in qualified studies. The development of the ABL was guided by the Arizona Biospecimen Consortium (ABC), a consortium of hospitals and medical centers in the Phoenix area, and is now being piloted by this Consortium under the direction of ABRC. You may browse by type (cells, fluid, molecular, tissue) or disease. Common data elements decided by the ABC Standards Committee, based on data elements on the National Cancer Institute's (NCI's) Common Biorepository Model (CBM), are displayed. These describe the minimum set of data elements that the NCI determined were most important for a researcher to see about a biospecimen. The ABL currently does not display information on whether or not clinical data is available to accompany the biospecimens. However, a requester has the ability to solicit clinical data in the request. Once a request is approved, the biospecimen provider will contact the requester to discuss the request (and the requester's questions) before finalizing the invoice and shipment. The ABL is available to the public to browse. In order to request biospecimens from the ABL, the researcher will be required to submit the requested required information. Upon submission of the information, shipment of the requested biospecimen(s) will be dependent on the scientific and institutional review approval. Account required. Registration is open to everyone. Service to design PCR primers from protein multiple sequence alignments. NOTICE: This version of CODEHOP is no longer maintained.

Abbreviations: CODEHOP

Synonyms: Consensus-DEgenerate Hybrid Oligonucleotide Primers, CODEHOP: Consensus-DEgenerate Hybrid Oligonucleotide Primers

Resource Type: data analysis service, production service resource, analysis service resource, service resource

Defining Citation: [PMID:20967601](#)

Keywords: degenerate, primer, primer design, degenerate primer, oligonucleotide, pcr assay, gene, bio.tools

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: CODEHOP

Resource ID: SCR_002898

Alternate IDs: biotools:codehop, OMICS_02339

Alternate URLs: <https://bio.tools/codehop>

Record Creation Time: 20220129T080216+0000

Record Last Update: 20260807T042545+0000

Ratings and Alerts

No rating or validation information has been found for CODEHOP.

No alerts have been found for CODEHOP.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 75 mentions in open access literature.

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

Puenpa J, et al. (2022) Evolutionary and Genetic Recombination Analyses of Cocksackievirus A6 Variants Associated with Hand, Foot, and Mouth Disease Outbreaks in Thailand between 2019 and 2022. *Viruses*, 15(1).

Giguere AT, et al. (2021) Acidobacteria are active and abundant members of diverse atmospheric H₂-oxidizing communities detected in temperate soils. *The ISME journal*, 15(2), 363.

Sarkhouh H, et al. (2021) CODEHOP-Mediated PCR Improves HIV-1 Genotyping and Detection of Variants by MinION Sequencing. *Microbiology spectrum*, 9(2), e0143221.

Jukes CA, et al. (2020) Bile salt metabolism is not the only factor contributing to *Clostridioides* (*Clostridium*) *difficile* disease severity in the murine model of disease. *Gut*

microbes, 11(3), 481.

Padiglia A, et al. (2020) Absence of Polyphenol Oxidase in *Cynomorium coccineum*, a Widespread Holoparasitic Plant. *Plants* (Basel, Switzerland), 9(8).

Fonseca E, et al. (2020) Of Retinoids and Organotins: The Evolution of the Retinoid X Receptor in Metazoa. *Biomolecules*, 10(4).

Whitehouse LM, et al. (2020) Hypoxia affects the ontogeny of the hypothalamus-pituitary-interrenal axis functioning in the lake whitefish (*Coregonus clupeaformis*). *General and comparative endocrinology*, 295, 113524.

Benedek T, et al. (2020) Aerobic and oxygen-limited naphthalene-amended enrichments induced the dominance of *Pseudomonas* spp. from a groundwater bacterial biofilm. *Applied microbiology and biotechnology*, 104(13), 6023.

Li H, et al. (2019) Overexpression of SmANS Enhances Anthocyanin Accumulation and Alters Phenolic Acids Content in *Salvia miltiorrhiza* and *Salvia miltiorrhiza* Bge f. *alba* Plantlets. *International journal of molecular sciences*, 20(9).

Laslo M, et al. (2019) Evolutionary Conservation of Thyroid Hormone Receptor and Deiodinase Expression Dynamics in ovo in a Direct-Developing Frog, *Eleutherodactylus coqui*. *Frontiers in endocrinology*, 10, 307.

Sanchez AC, et al. (2019) Heterologous expression and biochemical characterization of a novel cold-active α -amylase from the Antarctic bacteria *Pseudoalteromonas* sp. 2-3. *Protein expression and purification*, 155, 78.

Zak MA, et al. (2019) Expression and activity of lipid and oxidative metabolism enzymes following elevated temperature exposure and thyroid hormone manipulation in juvenile lake whitefish (*Coregonus clupeaformis*). *General and comparative endocrinology*, 275, 51.

Born Y, et al. (2019) A major-capsid-protein-based multiplex PCR assay for rapid identification of selected virulent bacteriophage types. *Archives of virology*, 164(3), 819.

Bokhorst S, et al. (2018) Contrasting survival and physiological responses of sub-Arctic plant types to extreme winter warming and nitrogen. *Planta*, 247(3), 635.

Yang X, et al. (2018) Reference gene selection for RT-qPCR analysis in *Harmonia axyridis*, a global invasive lady beetle. *Scientific reports*, 8(1), 2689.

Wu X, et al. (2018) Cloning, purification and characterization of trehalose-6-phosphate synthase from *Pleurotus tuoliensis*. *PeerJ*, 6, e5230.

Eide M, et al. (2018) Independent losses of a xenobiotic receptor across teleost evolution. *Scientific reports*, 8(1), 10404.

Suzuki K, et al. (2018) Purification, Cloning, Functional Expression, Structure, and Characterization of a Thermostable α -Mannanase from *Talaromyces trachyspermus* B168 and Its Efficiency in Production of Mannooligosaccharides from Coffee Wastes. *Journal of applied glycoscience*, 65(2), 13.

Dupim EG, et al. (2018) An investigation of Y chromosome incorporations in 400 species of *Drosophila* and related genera. *PLoS genetics*, 14(11), e1007770.

Xu YR, et al. (2018) Roles of three Es-Caspases during spermatogenesis and Cadmium-induced apoptosis in *Eriocheir sinensis*. *Aging*, 10(5), 1146.