

Resource Summary Report

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BacPac Resources Center

RRID:SCR_001520

Type: Tool

Proper Citation

BacPac Resources Center (RRID:SCR_001520)

Resource Information

URL: <https://bacpacresources.org>

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Description: It is the distribution arm of their academic laboratory. They operate on a cost-recovery mechanism in order to make the resources generated in their laboratory available to the academic scientific community. While clones and screening services are widely available, library arrays are primarily available to researchers with a scientific need to analyze most clones in the library. This site contains information on currently available BAC and PAC genomic DNA libraries, BAC Clones, PAC Clones, Fosmid Clones, cDNA collections, high-density colony hybridization filters, and BAC and PAC cloning vectors. Protocols used in our laboratory for the hybridization-based screening of colony filters, purification of BAC and PAC DNA, and end-sequencing methodologies, are also provided. BPRC does not list clones, for two reasons: 1)most clones have not been characterized and lack specific data. 2)all clones are part of libraries and all clones from a particular library share common characteristics. Hence, to find out if BPRC has a particular clone, one needs either use Automatic Clone Validation or else find out if the clone is compatible with the range of clone names for a corresponding clone library. Typically (although not always), clone names are derived from the library name. BPRC uses the NCBI-recommended clone nomenclature & library nomenclature. Most arrayed libraries are available in frozen microtiter dish format to academic and non-academic users provided that there is a scientific need for complete-library access. (for instance to annotate, modify or analyze all BAC clones as part of a genome project).

Abbreviations: BPRC

Synonyms: BacPac Resources Center: BAC Clones Distribution Center, BAC Clones Distribution Center, BACPAC Resources Center

Resource Type: material resource, reagent supplier

Keywords: clones and screening services, library arrays, genomic DNA libraries, BAC Clones, PAC Clones, Fosmid Clones, cDNA collections, BAC and PAC cloning vectors

Availability: Free, Freely available

Resource Name: BacPac Resources Center

Resource ID: SCR_001520

Alternate IDs: nif-0000-09578, SCR_007215, nlx_152819

Old URLs: <http://bacpac.chori.org/>

Record Creation Time: 20220129T080208+0000

Record Last Update: 20260819T044023+0000

Ratings and Alerts

No rating or validation information has been found for BacPac Resources Center.

No alerts have been found for BacPac Resources Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 459 mentions in open access literature.

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

Hill AJ, et al. (2026) Melatonin promotes sleep by suppressing responses to visual stimuli via MT1 receptors. *Current biology : CB*, 36(9), 2270.

Nazmuddin M, et al. (2026) Stereotactic lesioning of cholinergic cells by injection of ME20.4 Saporin in the nucleus basalis of Meynert in a rhesus monkey (*Macaca mulatta*). *Journal of neuropathology and experimental neurology*, 85(1), 58.

Hauser RM, et al. (2026) Promoter mutagenesis and a massively parallel reporter screen of the MAPT locus identifies cis-regulatory elements and genetic variation effects. *bioRxiv : the preprint server for biology*.

Liehr T, et al. (2025) Hapten-labeled DNA probes can be stored and used in fluorescence in situ hybridization for decades. *Frontiers in genetics*, 16, 1569308.

de Groot NG, et al. (2025) Genetic Conservation and Population Management of Non-Human Primates: Parentage Determination Using Seven Microsatellite-Based Multiplexes. *Ecology and evolution*, 15(4), e71216.

Zeeman A-M, et al. (2025) Identification of novel compounds with prophylactic activity against hypnozoites using a *Plasmodium cynomolgi* in vitro model. *Antimicrobial agents and chemotherapy*, 69(8), e0181224.

Koopman G, et al. (2025) Adenoviral vector oropharyngeal spray immunization elicits mucosal immunity and protects against heterologous SARS-CoV-2 infection. *NPJ vaccines*, 10(1), 267.

Fiore D, et al. (2025) A patient-derived T cell lymphoma biorepository uncovers pathogenetic mechanisms and host-related therapeutic vulnerabilities. *Cell reports. Medicine*, 6(4), 102029.

Jaggi D, et al. (2025) Comparison of treatment routine using aflibercept: Strict vs. relaxed retreatment regimen (TOLERANT study)-A non-inferiority, randomized controlled trial. *Acta ophthalmologica*, 103(6), e385.

Goeury T, et al. (2025) Evidence for Pathogen-Driven Selection Acting on HLA-DPB1 in Response to *Plasmodium falciparum* Malaria in West Africa. *Ecology and evolution*, 15(2), e70933.

Niewold P, et al. (2025) NK cell-macrophage interactions in granulomas correlate with limited tuberculosis pathology. *PLoS pathogens*, 21(8), e1012980.

Maaskant A, et al. (2025) AI for rapid identification of major butyrate-producing bacteria in rhesus macaques (*Macaca mulatta*). *Animal microbiome*, 7(1), 39.

Ballesteros-González I, et al. (2025) The repressor Capicua is a barrier to lung tumor development driven by *Kras/Trp53* mutations. *EMBO molecular medicine*, 17(12), 3377.

Sterck EHM, et al. (2025) Reactions to social videos in long-tailed macaques. *Animal cognition*, 28(1), 50.

Maaskant A, et al. (2025) Evaluation of commercial diets on fecal consistency and defecation frequency in rhesus macaques (*Macaca mulatta*) with chronic intermittent idiopathic diarrhea. *Laboratory animal research*, 41(1), 15.

Zannotti M, et al. (2025) Alternative Agents to Colcemid for Obtaining High-Quality Metaphase Spreads. *Animals : an open access journal from MDPI*, 15(10).

Stammes MA, et al. (2025) Comparative Study of [18F]DPA714 and [18F]FDG PET Tracers in an Experimental Model of Pulmonary Tuberculosis. *Molecular imaging and biology*, 27(6), 943.

Ma J, et al. (2025) Immunological and transcriptomic profile of chimeric live-attenuated Zika vaccine linked to protection in non-human primates. *Nature communications*, 16(1), 11221.

Pasini EM, et al. (2025) In vitro cultured malaria hypnozoites leave a footprint of specific metabolites. *PLoS pathogens*, 21(10), e1013577.

Asare KK, et al. (2024) *Plasmodium Falciparum* and mosquito vector IgG patterns across suspected malaria cases in Ghana. *BMC infectious diseases*, 24(1), 1374.