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

Funding:

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: 20250509T055515+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 433 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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

Gu L, et al. (2024) A novel protein Moat prevents ectopic epithelial folding by limiting Bazooka/Par3-dependent adherens junctions. bioRxiv : the preprint server for biology.

de Groot N, et al. (2024) Unraveling the architecture of major histocompatibility complex class II haplotypes in rhesus macaques. Genome research, 34(11), 1811.

Maaskant A, et al. (2024) Microbiome signature suggestive of lactose-intolerance in rhesus macaques (Macaca mulatta) with intermittent chronic diarrhea. Animal microbiome, 6(1), 53.

Yang L, et al. (2024) Evolutionary insights from profiling LINE-1 activity at allelic resolution in a single human genome. The EMBO journal, 43(1), 112.

Sacristán C, et al. (2024) Chronic viral infection alters PD-1 locus subnuclear localization in cytotoxic CD8+ T cells. Cell reports, 43(8), 114547.

Voogd L, et al. (2024) Mtb specific HLA-E restricted T cells are induced during Mtb infection but not after BCG administration in non-human primates and humans. bioRxiv : the preprint server for biology.

Liu J, et al. (2024) Neural decoding and feature selection methods for closed-loop control of avoidance behavior. Journal of neural engineering, 21(5).

Reguzova A, et al. (2024) A multiantigenic Orf virus-based vaccine efficiently protects hamsters and nonhuman primates against SARS-CoV-2. NPJ vaccines, 9(1), 191.

Babar TK, et al. (2024) Biochemical characterisation and production kinetics of high molecular-weight (HMW) putative antibacterial proteins of insect pathogenic Brevibacillus laterosporus isolates. BMC microbiology, 24(1), 259.

Gu L, et al. (2024) A novel protein Moat prevents ectopic epithelial folding by limiting Bazooka/Par3-dependent adherens junctions. Molecular biology of the cell, 35(8), ar110.

Böszörményi KP, et al. (2024) Prolonged fecal shedding of replication-competent virus, lasting immune activation, and intestinal inflammation in a rhesus macaque after experimental SARS-CoV-2 infection. Frontiers in cellular and infection microbiology, 14, 1505720.

Lee D, et al. (2024) A rapid, affordable, and reliable method for profiling microbiome biomarkers from fecal images. iScience, 27(12), 111310.

Ruiz-Orera J, et al. (2024) Evolution of translational control and the emergence of genes and open reading frames in human and non-human primate hearts. Nature cardiovascular research, 3(10), 1217.

Bhattacharjee D, et al. (2024) Behavioral, physiological, and genetic drivers of coping in a non-human primate. iScience, 27(2), 108890.

Liu J, et al. (2024) Neural Decoding and Feature Selection Techniques for Closed-Loop Control of Defensive Behavior. bioRxiv : the preprint server for biology.

Giannelli SG, et al. (2024) New AAV9 engineered variants with enhanced neurotropism and reduced liver off-targeting in mice and marmosets. iScience, 27(5), 109777.

de Groot NG, et al. (2023) The KIR repertoire of a West African chimpanzee population is

characterized by limited gene, allele, and haplotype variation. Frontiers in immunology, 14, 1308316.

Wang PY, et al. (2023) WASF3 disrupts mitochondrial respiration and may mediate exercise intolerance in myalgic encephalomyelitis/chronic fatigue syndrome. Proceedings of the National Academy of Sciences of the United States of America, 120(34), e2302738120.

Rezende TMT, et al. (2023) Validation of a Reporter Cell Line for Flavivirus Inhibition Assays. Microbiology spectrum, 11(2), e0502722.