

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Apr 11, 2025

## charm

RRID:SCR\_012992

Type: Tool

---

### Proper Citation

charm (RRID:SCR\_012992)

---

### Resource Information

**URL:** <http://www.bioconductor.org/packages/2.12/bioc/html/charm.html>

**Proper Citation:** charm (RRID:SCR\_012992)

**Description:** Software package that implements analysis tools for DNA methylation data generated using Nimblegen microarrays and the McrBC protocol.

**Abbreviations:** charm

**Resource Type:** software resource

**Keywords:** bio.tools

**Funding:**

**Resource Name:** charm

**Resource ID:** SCR\_012992

**Alternate IDs:** biotools:charm, OMICS\_00792

**Alternate URLs:** <https://bio.tools/charm>

**Record Creation Time:** 20220129T080313+0000

**Record Last Update:** 20250410T070322+0000

---

### Ratings and Alerts

No rating or validation information has been found for charm.

No alerts have been found for charm.

---

## Data and Source Information

**Source:** [SciCrunch Registry](#)

---

## Usage and Citation Metrics

We found 57 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Ruan J, et al. (2025) Connectional differences between humans and macaques in the MT+ complex. *iScience*, 28(1), 111617.

Porter CK, et al. (2024) Clinical and functional assessment of SARS-CoV-2 sequelae among young marines - a panel study. *Lancet regional health. Americas*, 39, 100909.

Qin H, et al. (2024) Achieved dose and treatment discontinuation of candesartan in men and women with chronic heart failure: data from CHARM. *ESC heart failure*, 11(4), 1880.

Chew C, et al. (2024) A young child formula supplemented with a synbiotic mixture of scGOS/lcFOS and *Bifidobacterium breve* M-16V improves the gut microbiota and iron status in healthy toddlers. *Frontiers in pediatrics*, 12, 1193027.

Moyer MT, et al. (2024) Successful EUS-guided pancreatic cyst chemoablation safely allows reduction in the frequency of radiographic surveillance: long-term follow-up of randomized prospective data. *Gastrointestinal endoscopy*, 99(6), 962.

Nashed JY, et al. (2024) Changes in cortical manifold structure following stroke and its relation to behavioral recovery in the male macaque. *Nature communications*, 15(1), 9005.

Napoli O, et al. (2024) A benchmark for domain adaptation and generalization in smartphone-based human activity recognition. *Scientific data*, 11(1), 1192.

Weise K, et al. (2024) A Leadfield-Free Optimization Framework for Transcranially Applied Electric Currents. *bioRxiv : the preprint server for biology*.

Elorette C, et al. (2024) The neural basis of resting-state fMRI functional connectivity in fronto-limbic circuits revealed by chemogenetic manipulation. *Nature communications*, 15(1), 4669.

Dobbin SJH, et al. (2023) Characteristics and outcomes of patients with a history of cancer recruited to heart failure trials. *European journal of heart failure*, 25(4), 488.

Graydon EK, et al. (2023) High baseline frequencies of natural killer cells are associated with asymptomatic SARS-CoV-2 infection. *Current research in immunology*, 4, 100064.

Hu HP, et al. (2023) Clinical predictors of survival in real world practice in stage IV melanoma. *Cancer reports (Hoboken, N.J.)*, 6(2), e1691.

Van Hoornweder S, et al. (2023) Outcome measures for electric field modeling in tES and TMS: A systematic review and large-scale modeling study. *NeuroImage*, 281, 120379.

Peng L, et al. (2023) The carbon costs of global wood harvests. *Nature*, 620(7972), 110.

Dubé MP, et al. (2022) Pharmacogenomic study of heart failure and candesartan response from the CHARM programme. *ESC heart failure*, 9(5), 2997.

Sun P, et al. (2022) Asymptomatic or symptomatic SARS-CoV-2 infection plus vaccination confers increased adaptive immunity to variants of concern. *iScience*, 25(10), 105202.

Mittendorf KF, et al. (2022) Adaptation and early implementation of the PREdiction model for gene mutations (PREMM5™) for lynch syndrome risk assessment in a diverse population. *Familial cancer*, 21(2), 167.

Khan AM, et al. (2022) Developing a video expert panel as a reference standard to evaluate respiratory rate counting in paediatric pneumonia diagnosis: protocol for a cross-sectional study. *BMJ open*, 12(11), e067389.

Liu H, et al. (2022) An Automatic Immunoaffinity Pretreatment of Deoxynivalenol Coupled with UPLC-UV Analysis. *Toxins*, 14(2).

Vangeti S, et al. (2022) Serum Fc-Mediated Monocyte Phagocytosis Activity Is Stable for Several Months after SARS-CoV-2 Asymptomatic and Mildly Symptomatic Infection. *Microbiology spectrum*, 10(6), e0183722.