

# Resource Summary Report

Generated by [kravitz2](#) on Aug 26, 2026

## sybil - Efficient Constrained Based Modelling in R

RRID:SCR\_000457

Type: Tool

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### Proper Citation

sybil - Efficient Constrained Based Modelling in R (RRID:SCR\_000457)

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### Resource Information

**URL:** <https://cran.r-project.org/src/contrib/Archive/sybil/>

**Proper Citation:** sybil - Efficient Constrained Based Modelling in R (RRID:SCR\_000457)

**Description:** A Systems Biology Library for R, implementing algorithms for constraint based analyses of metabolic networks (e.g. flux-balance analysis (FBA), minimization of metabolic adjustment (MOMA), regulatory on/off minimization (ROOM), robustness analysis and flux variability analysis). This is an implementation of COBRA toolbox in R language.

**Abbreviations:** sybil

**Synonyms:** sybil: sybil - Efficient Constrained Based Modelling in R

**Resource Type:** software resource

**Defining Citation:** [PMID:24224957](#)

**Keywords:** unix/linux, windows, r

**Availability:** Free, Available for download, Freely available

**Resource Name:** sybil - Efficient Constrained Based Modelling in R

**Resource ID:** SCR\_000457

**Alternate IDs:** OMICS\_06008

**Alternate URLs:** <http://www.cs.hhu.de/en/research-groups/bioinformatics/software/sybil.html>

**Old URLs:** <http://cran.r-project.org/web/packages/sybil/index.html>

**License:** GNU General Public License, v3

**Record Creation Time:** 20220129T080201+0000

**Record Last Update:** 20260815T182151+0000

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## Ratings and Alerts

No rating or validation information has been found for sybil - Efficient Constrained Based Modelling in R.

No alerts have been found for sybil - Efficient Constrained Based Modelling in R.

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.