

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 8, 2026

[primers4clades](#)

RRID:SCR_015714

Type: Tool

Proper Citation

primers4clades (RRID:SCR_015714)

Resource Information

URL: <http://floresta.eead.csic.es/primers4clades>

Proper Citation: primers4clades (RRID:SCR_015714)

Description: Web application for the design of PCR primers for cross-species amplification of novel sequences from metagenomic DNA or from uncharacterized organisms belonging to user-specified phylogenetic lineages. It implements an extended CODEHOP strategy and evaluates thermodynamic properties of the oligonucleotide pairs.

Resource Type: web application, software resource

Defining Citation: [PMID:19465390](#)

Keywords: pcr primer, metagenomic dna, phylogenetic lineage, primer, clade, bio.tools

Funding: DGAPA IN201806-2;
CONACyT-Mexico P1-60071;
CSIC 200720I038

Availability: Freely available, Free for academic use, Tutorial available

Resource Name: primers4clades

Resource ID: SCR_015714

Alternate IDs: biotools:primers4clades

Alternate URLs: <http://maya.ccg.unam.mx/primers4clades>,
<https://bio.tools/primers4clades>

License URLs: <http://maya.ccg.unam.mx/primers4clades/credits.html>

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260808T190043+0000

Ratings and Alerts

No rating or validation information has been found for primers4clades.

No alerts have been found for primers4clades.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ochoa-S??nchez LE, et al. (2017) Evolutionary Genetic Analysis Uncovers Multiple Species with Distinct Habitat Preferences and Antibiotic Resistance Phenotypes in the *Stenotrophomonas maltophilia* Complex. *Frontiers in microbiology*, 8, 1548.

Silva C, et al. (2017) Self-Conjugation of the Enteropathogenic *Escherichia coli* Adherence Factor Plasmid of Four Typical EPEC Isolates. *BioMed research international*, 2017, 6325736.