

# Resource Summary Report

Generated by SPARC SAWG on Aug 8, 2026

## Aptamer Base

RRID:SCR\_005319

Type: Tool

### Proper Citation

Aptamer Base (RRID:SCR\_005319)

### Resource Information

**URL:** <http://aptamer.freebase.com/>

**Proper Citation:** Aptamer Base (RRID:SCR\_005319)

**Description:** Community built database about RNA / DNA or Peptide aptamers. The Aptamer Base is a collaborative knowledge base about aptamers, their interactions and detailed experimental conditions with citations to primary scientific literature. Aptamers are short single-stranded nucleic acids or amino acid polymers that recognize and bind to targets with high affinity and selectivity. Nucleic acid aptamers are typically isolated from large combinatorial libraries through the application of SELEX. For more information visit <http://aptamerbase.semanticscience.org>

**Abbreviations:** Aptamer Base

**Synonyms:** AptamerBase

**Resource Type:** database, data or information resource

**Keywords:** selex, selex experiment, pcr, selection round, primers, freebase, aptamer, peptide, image, rna, dna, molecule, nucleic acid, linear polymer, chemical compound, interaction, target, amino acid, polymer

**Availability:** Creative Commons Attribution License, And often covers thumbnail images. Full-size images are also available under a variety of usage terms: Public Domain, Fair use, And Specifically Licensed, The community can contribute to this resource.

**Resource Name:** Aptamer Base

**Resource ID:** SCR\_005319

**Alternate IDs:** nlx\_144375

**Record Creation Time:** 20220129T080229+0000

**Record Last Update:** 20260808T190403+0000

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## Ratings and Alerts

No rating or validation information has been found for Aptamer Base.

No alerts have been found for Aptamer Base.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Oteng EK, et al. (2020) High-efficiency enrichment enables identification of aptamers to circulating Plasmodium falciparum-infected erythrocytes. Scientific reports, 10(1), 9706.

Li BQ, et al. (2014) Prediction of aptamer-target interacting pairs with pseudo-amino acid composition. PloS one, 9(1), e86729.

Cruz-Toledo J, et al. (2012) Aptamer Base: a collaborative knowledge base to describe aptamers and SELEX experiments. Database : the journal of biological databases and curation, 2012, bas006.