Resource Summary Report

Generated by ASWG on Aug 2, 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: data or information resource, database

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: 20260801T190931+0000

Ratings and Alerts

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

No alerts have been found for Aptamer Base.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

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.