

# Resource Summary Report

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## READNA

RRID:SCR\_003884

Type: Tool

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### Proper Citation

READNA (RRID:SCR\_003884)

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### Resource Information

**URL:** <http://www.cng.fr/READNA/>

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**Description:** Consortium to accelerate new breakthrough DNA sequencing technologies and methods to enhance existing analysis methods. The ultimate aim is to advance DNA sequencing technologies to a level where a human genome can be analyzed at high resolution for less than 1000 euros in less than one day. The goals of the consortium are to revolutionize nucleic acid analysis methods by improving elements necessary to use the currently emerging generation of nucleic acid sequencers in a meaningful and accessible way, providing methods that allow in situ nucleic acid analysis and methods capable of selectively characterizing mutant DNA in a high background of wildtype DNA, combining RNA and DNA analysis in a single analytical device, providing technology to efficiently analyze DNA methylation (genome-wide, with high resolution and in its long-range context), implementing novel concepts for high-throughput HLA-screening, developing fully integrated solutions for mutational screening of small target regions (such as for screening newborns for cystic fibrosis mutations), developing a device for screening multiple target regions with high accuracy and implementing strategies for effective and high-resolution genotyping of copy number variations. READNA was awarded the Stars of Europe prize in December 2013.

**Abbreviations:** READNA

**Synonyms:** REvolutionary Approaches and Devices for Nucleic Acid analysis, READNA - REvolutionary Approaches and Devices for Nucleic Acid analysis

**Resource Type:** consortium, data or information resource, organization portal, portal

**Keywords:** device, dna sequencing, dna, sequencing, tool development, product development, device development, nucleic acid

**Funding:** European Union FP7

**Resource Name:** READNA

**Resource ID:** SCR\_003884

**Alternate IDs:** nlx\_158213

**Record Creation Time:** 20220129T080221+0000

**Record Last Update:** 20260905T132510+0000

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## Ratings and Alerts

No rating or validation information has been found for READNA.

No alerts have been found for READNA.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ansorge WJ, et al. (2009) Next-generation DNA sequencing techniques. New biotechnology, 25(4), 195.