

# Resource Summary Report

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## Standards-based Infrastructure with Distributed Resources

RRID:SCR\_004532

Type: Tool

### Proper Citation

Standards-based Infrastructure with Distributed Resources (RRID:SCR\_004532)

### Resource Information

**URL:** <http://sidr-dr.inist.fr/>

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**Description:** A searchable public data repository for multi-assay studies in the field of high-throughput biology. Studies are annotated and curated using ontologies and controlled vocabularies according to the recommendations of the OBO foundry (Open Biological and Biomedical Ontologies) and the NCBO bioportal. Each data set is assigned a digital object identifier (DOI) provided by DataCite. In addition, the SIDR team has developed an ISA-XML (ISA-ML) version of the ISA-TAB format and the mapping to the FuGE object model (ISA-TABtoFuGE); these improvements should facilitate further tool integration, including web services. SIDR contributes to the proof-of-concept addressing the critical success factor for data integration. The SIDR team will continue to put in place the building blocks for giving access to interoperable data through a world-wide network of national hubs in the context of the community-based ISA infrastructure.

**Abbreviations:** SIDR

**Resource Type:** data or information resource, data repository, storage service resource, database, service resource

**Keywords:** standards-based database, metadata standard, digital object identifier, assay, high-throughput, interoperability, data sharing, standardization, multi-omics

**Funding:** Institute for Scientific and Technical Information ;  
Institute of Biological Sciences ;  
IBISA ;  
Regional Council of Lorraine

**Availability:** Creative Commons License, The community can contribute to this resource

**Resource Name:** Standards-based Infrastructure with Distributed Resources

**Resource ID:** SCR\_004532

**Alternate IDs:** nlx\_52124

**Record Creation Time:** 20220129T080225+0000

**Record Last Update:** 20260801T042546+0000

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## Ratings and Alerts

No rating or validation information has been found for Standards-based Infrastructure with Distributed Resources.

No alerts have been found for Standards-based Infrastructure with Distributed Resources.

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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.