

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 2, 2026

Adaptive Immune Receptor Repertoire Data Model

RRID:SCR_022594

Type: Tool

Proper Citation

Adaptive Immune Receptor Repertoire Data Model (RRID:SCR_022594)

Resource Information

URL: <https://docs.airr-community.org/en/stable/datarep/overview.html>

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Description: Defines schema for MiAIRR data elements, structuring them within schema objects, defining relationship between those objects, and defining file format. Increased interest in immune system's involvement in pathophysiological phenomena coupled with decreased DNA sequencing costs have led to explosion of antibody and T cell receptor sequencing data collectively termed "adaptive immune receptor repertoire sequencing" (AIRR-seq or Rep-Seq). AIRR Community has been actively working to standardize protocols, metadata, formats, APIs, and other guidelines to promote open and reproducible studies of immune repertoire.

Resource Type: data or information resource, portal, narrative resource, standard specification, topical portal

Keywords: schema for MiAIRR data elements, structuring data elements, schema objects, defining relationship between schema objects, defining file format, immune repertoire

Availability: Free, Freely available

Resource Name: Adaptive Immune Receptor Repertoire Data Model

Resource ID: SCR_022594

Alternate URLs: <https://docs.airr-community.org/en/stable/datarep/overview.html>

Record Creation Time: 20220728T050150+0000

Record Last Update: 20260801T190745+0000

Ratings and Alerts

No rating or validation information has been found for Adaptive Immune Receptor Repertoire Data Model.

No alerts have been found for Adaptive Immune Receptor Repertoire Data Model.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.