

Resource Summary Report

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VenomView

RRID:SCR_027588

Type: Tool

Proper Citation

VenomView (RRID:SCR_027588)

Resource Information

URL: <https://venomsbase-dashboard.shinyapps.io/VenomLanding/>

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Description: Open-access, browser-based visualization and summary tool for venom transcriptomic and proteomic data. R Shiny-based interactive application designed as visualization and reporting interface for venom transcriptomic and proteomic data. It enables users to explore annotation metrics, toxin gene families, and quality-control summaries generated by analysis pipelines. While it will eventually serve as part of the VenomsBase front end, VenomView currently operates as standalone prototype. Provides interactive dashboards showing assembly quality, annotation scores, toxin gene families, and functional domains generated by the VenomFlow analysis pipeline. Connected to VenomLanding, VenomView currently features *Doryteuthis pealeii* (Squid), linking metadata with detailed annotation summaries. The expanded version will include *Sepia bandensis* (Cuttlefish), *Octopus bimaculoides*, and arachnid species.

Resource Type: web application, software application, standalone software, software resource

Keywords: R Shiny-based interactive application, visualization and reporting interface, venom transcriptomic and proteomic data,

Funding: NSF

Resource Name: VenomView

Resource ID: SCR_027588

Record Creation Time: 20251025T055631+0000

Record Last Update: 20260805T044614+0000

Ratings and Alerts

No rating or validation information has been found for VenomView.

No alerts have been found for VenomView.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.