

Resource Summary Report

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Single-Nucleotide Polymorphism Ontology

RRID:SCR_010428

Type: Tool

Proper Citation

Single-Nucleotide Polymorphism Ontology (RRID:SCR_010428)

Resource Information

URL: <http://purl.bioontology.org/ontology/SNPO>

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Description: A domain ontology that provides a formal representation (OWL-DL) of genomic variations. Despite its name it is not limited to the representation of SNPs but it encompasses genomic variations in a broader meaning. SNP-Ontology is general enough to enable the representation of variations observed in genome of various species. Latest versions of SNP-Ontology include the representation of haplotype and of CNV. The unambiguous representation of genomic variations provided by SNP-Ontology enables to integrate heterogeneous data related to genomic variations. To achieve this goal SNP-Ontology enables (1) to represent one variation in accordance with various ways that exist for describing it, (2) to represent the equivalence between two distinct descriptions of one variation, and (3) to represent correspondence between a genomic variation and its outcome at the transcriptome and proteome levels.

Abbreviations: SNPO

Synonyms: SNP Ontology, Single-Nucleotide Polymorphism (SNP) Ontology

Resource Type: data or information resource, controlled vocabulary, ontology

Keywords: owl

Resource Name: Single-Nucleotide Polymorphism Ontology

Resource ID: SCR_010428

Alternate IDs: nlx_157587

Record Creation Time: 20220129T080258+0000

Record Last Update: 20260810T040522+0000

Ratings and Alerts

No rating or validation information has been found for Single-Nucleotide Polymorphism Ontology.

No alerts have been found for Single-Nucleotide Polymorphism Ontology.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.