

# Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

## PGN

RRID:SCR\_004559

Type: Tool

### Proper Citation

PGN (RRID:SCR\_004559)

### Resource Information

**URL:** <http://pgn.cornell.edu/>

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**Description:** Resource for the storage, retrieval and annotation of plant ESTs, with a focus on comparative genomics. PGN comprises an analysis pipeline and a website, and presently contains mainly data from the Floral Genome Project. However, it accepts submission from other sources. All data in PGN is directly derived from chromatograms and all original and intermediate data are stored in the database. The current datasets on PGN come from the floral genome project and includes the following species: *Acorus americanus*, *Amborella trichopoda*, *Asparagus officinalis*, *Cucumis sativus*, *Eschscholzia californica*, *Illicium parviflorum*, *Ipomopsis aggregata*, *Liriodendron tulipifera*, *Mesembryanthemum crystallinum*, *Mimulus guttatus*, *Nuphar advena*, *Papaver somniferum*, *Persea americana*, *Prymnesium parvum*, *Ribes americanum*, *Saruma henryi*, *Stenogyne rugosa*, *Vaccinium corymbosa*, *Welwitschia mirabilis*, *Yucca filamentosa*, *Zamia fischeri*. For functional annotation, blast is used to compare find the best match of each unigene sequence to in the Genbank NR database, and the in complete coding sequences from Arabidopsis. These annotations are stored in the database and serve as the primary source of annotation. The annotation framework will be extended to Gene Ontology annotations in the future.

**Abbreviations:** PGN

**Synonyms:** PGN - Plant Genome Network, Plant Genome Network

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

**Keywords:** expressed sequence tag, genomics, functional annotation, blast, sequencing, chromatogram

**Funding:** NSF DBI-9872617;  
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**Resource Name:** PGN

**Resource ID:** SCR\_004559

**Alternate IDs:** nlx\_55223

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

**Record Last Update:** 20260810T040355+0000

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## Ratings and Alerts

No rating or validation information has been found for PGN.

No alerts have been found for PGN.

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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.