Status

- **Mature** release
- **Active** development
- **Active** support

Resources

- Home Page
- Ergatis
- Tutorials
- FAQ
- Mailing List
- Paper
- Download
- Source

Integrated Services for Genomic Analysis (ISGA) is a bioinformatics pipeline service software package based on Ergatis. ISGA can be installed locally to provide a biologist-friendly web interface to your computational resources. ISGA comes with prokaryotic annotation and prokaryotic assembly pipelines and offers an intuitive interface for biologists to run and customize pipelines. ISGA also integrates tools such as GBrowse and BLAST for visualizing and analyzing pipeline results. Since ISGA utilizes the Ergatis workflow system to execute pipelines, ISGA pipeline can be submitted back to the Ergatis community and other Ergatis pipelines can be adapted to use ISGA.

ISGA (pronounced "I-S-G-A") was created at Indiana University's Center for Genomics and Bioinformatics (CGB). CGB also hosts a publicly accessible installation of ISGA that can be used for prokarytic annotation and assembly.

Documentation

- Home Page
- Tutorials
- FAQ
- "An Ergatis-based prokaryotic genome annotation web server" in *Bioinformatics*
- Presentations and Posters
    - Automated Annotation of NGS Transcriptome Data using ISGA and Ergatis, presented by Chris Hemmerich at BOSC 2010

- Integrative Services for Genomic Analysis (ISGA) - An Intuitive Web Server for Prokaryotic Genome Annotation and Other Analyses, poster by Chris Hemmerich, Aaron Buechlein, Ram Podicheti, and Jeong-Hyeon Choi, presented at ISMB 2010.
- Web-Based Bioinformatics Pipelines For Biologists: Integrative Services for Genomic Analysis (ISGA), presented by Chris Hemmerich at the January 2010 GMOD Meeting.

Mailing List

	Mailing List Link	Description	Archive(s)
ISGA	isga-users	**ISGA** support, development, and announcements mailing list	Nabble