

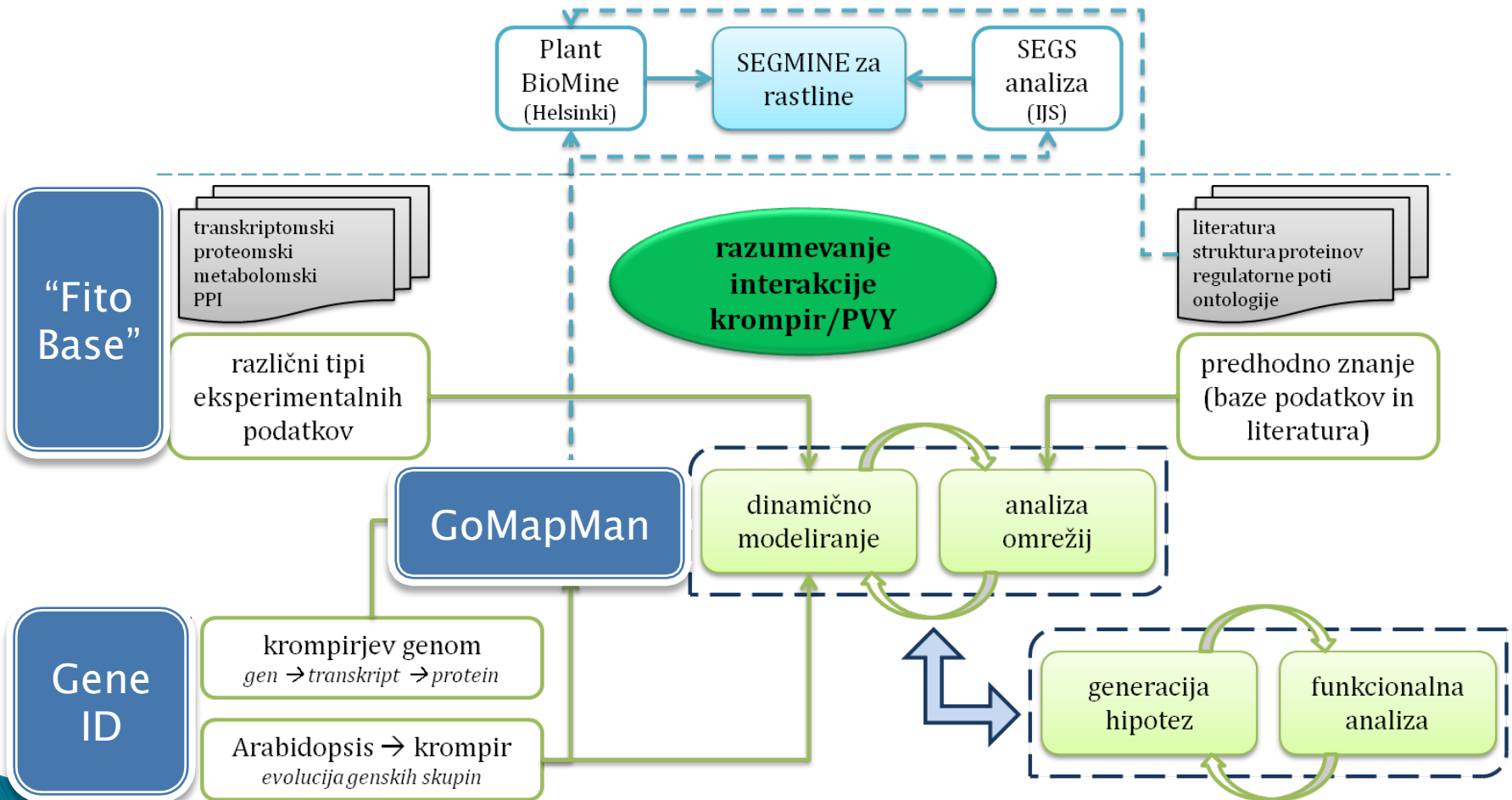
TransPLANT – ELIXIR
collaboration workshop on
agricultural informatics
(flash presentation)

Ziva Ramsak
2014-07-01

National Institute of Biology, Slovenia

- ▶ 5 departments in total:
 - Ecosystems Research
 - Entomology
 - Genetic Toxicology and Cancer Biology
 - Marine Biology Station Piran
 - Biotechnology and Systems Biology
 - GMO group
 - Bacteriology group
 - “omics” group

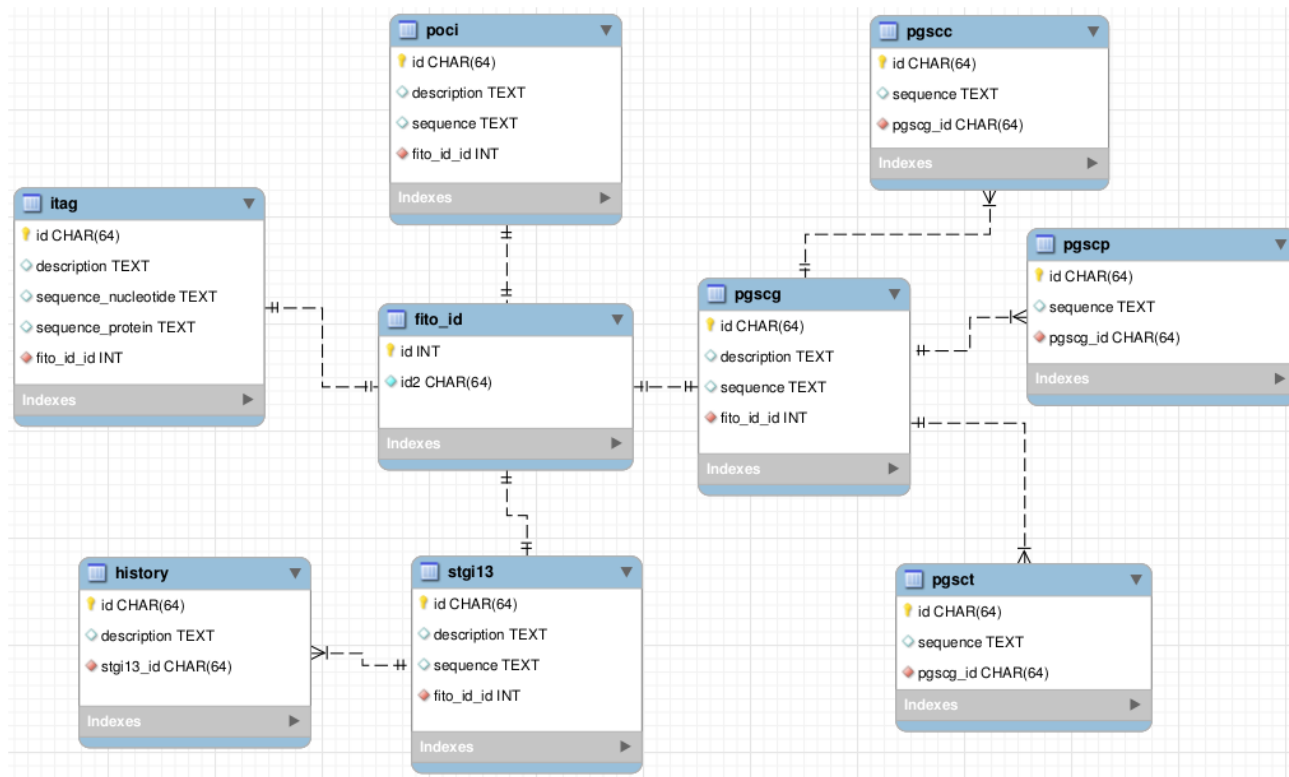
Understanding potato–PVY interaction



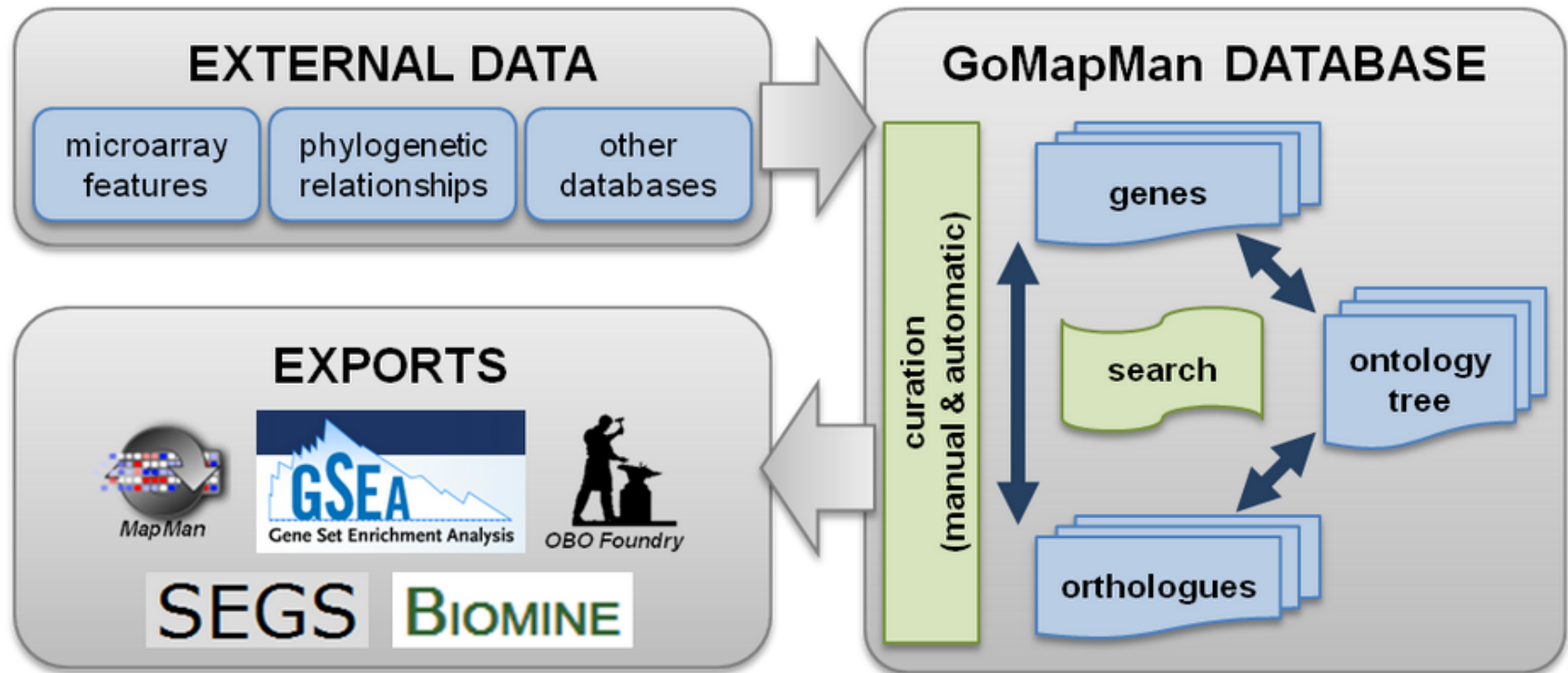
GeneID Converter (for potato)

Gene ID
v0.2.4

[search](#) / [convert](#) / [model](#) / [files](#)



GoMapMan



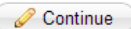
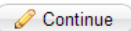
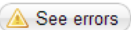
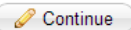
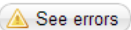
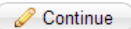
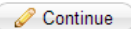
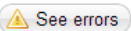
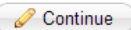
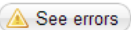
Plant omics integration platform

FitoBase

Experiments

Manage SOP

Experiments

Name	Class	Created by	Created at	Options	Status
fgdfghgh	Transcriptomics > Microarray > onechannel	zivar	27 Jun 2014	 Continue	in editing
ffrerwe	Transcriptomics > Microarray > twochannel	anar	11 Jun 2014	 Continue	in editing
karolina_rywal_zivatest2	Transcriptomics > Microarray > twochannel	anar	14 Mar 2014	 See errors	validation failed
POCI_Karolina_Rywal-PW363-RyNy	Transcriptomics > Microarray > onechannel	anar	13 Mar 2014	 Continue	in editing
POCI_Rywal_RywalNahG_PW363	Transcriptomics > Microarray > onechannel	markop	29 Jan 2014	 See errors	validation failed
test	Transcriptomics > Microarray > onechannel	anar	27 Nov 2013	 Continue	in editing
test	Transcriptomics > Microarray > twochannel	anar	25 Nov 2013	 Continue	in editing
SACE_ERY	Transcriptomics > Microarray > onechannel	markop	23 Apr 2013	 See errors	validation failed
ZFL_5FU_okt2012	Transcriptomics > Microarray > onechannel	anar	08 Mar 2013	 Continue	in editing
PolonaDR	Transcriptomics > Microarray > twochannel	user	11 Feb 2013	 See errors	validation failed
LEKurleb	Transcriptomics > Microarray > onechannel	user	11 Feb 2013		saved & validated
zivar_Kamil desiree	Transcriptomics > Microarray > onechannel	user	11 Feb 2013		saved & validated

Plant omics integration platform

Expression for geneID: MICRO.17729.C1

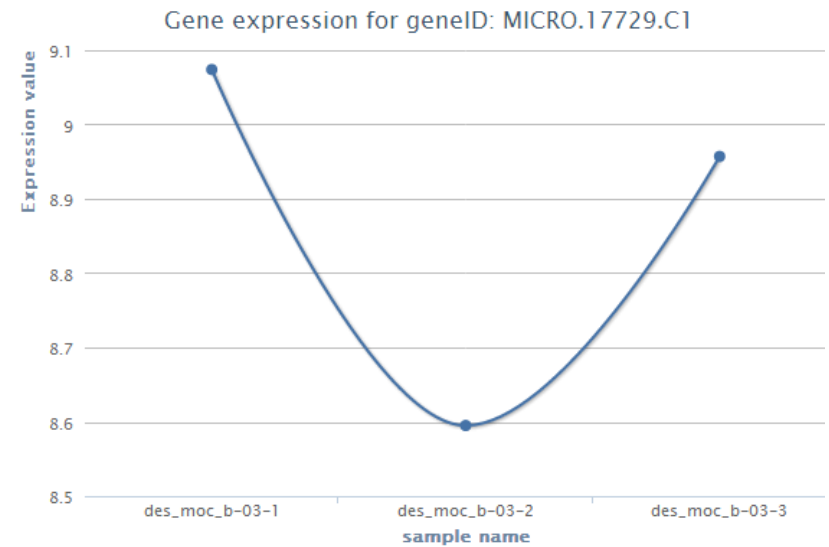
Experiment: živar, Kamil desiree
Class: transcriptomics microarray onechannel

Select sample name:

+ Add

des_moc_b-03-1
des_moc_b-03-2
des_moc_b-03-3

Draw



Role in the national community

- ▶ 1 research programme
 - ▶ 1 infrastructure programme
 - ▶ 15 research projects
 - ▶ 6 projects with our ministries
 - ▶ Centre of Excellence for Biosensors, Instrumentation and Process Control (COBIK)
 - ▶ Competence Centre for Biotechnology, Research and Innovation (KC-BRIN)
 - ▶ industry cooperation – pharmacy with LEK (part of Sandoz), BioSistemika and BiaSeparations
- 

International projects

- ▶ 5 EU projects
 - Vitisens, Qdetect, Cytothreat, ISBE, Decathlon)
 - ▶ 2 EU metrology projects
 - EMRP InfectMET, EMRP Biostrace
 - ▶ Institute for Reference Materials and Measurements (IRMM)
 - ▶ 3 Era Net projects
 - ▶ 2 projects with the Norway Institute for GMO analyses
 - ▶ 7 COST projects
- 