

Postgres Release Candidate Test Server

Latest status (4 September 2019 - 16:00 UTC)

The server is loaded with data and ready for testing.

We have loaded a set of basic studies and the latest 19.0 war file.

Data Loaded. Details below:

- Cell-line use case data is loaded as public data (see table for details) including variant data for VCF and RNAseq
- Additional data loaded for eTRIKS Asthma and Rheumatoid Arthritis studies to test studies at lower levels in the tree.

Data in preparation. Details below:

- Browse tab data is to be loaded for selected studies using new transmart-data targets. Suggestions on values for "Not applicable" fields - either true values, or useful values for testing filter functionality - are welcome.
- GWAS data is in preparation loaded for 5 magic analysis files. SNP data is being loaded for all SNPs in the loaded MAGIC datasets. Gene names have been added where available for each analysis.
- VCF data

Features and Testing Protocols

A list of features is in preparation, with links to previously used testing protocols.

See [tranSMART 19.0 Full Feature List](#)

Known Issues

See JIRA

Server address

<http://postgres-test.transmartfoundation.org/transmart>

TranSMART version

Release 19.0 (built September 2019)

Database created

July 2019 - using release 19.0 version of transmart-data

Studies loaded

GWAS data loading is in preparation

Top Level	Disease	Study	Datatypes	Notes
Across Trials				
eTRIKS Studies	Asthma	GSE23611	Expression	
	Rheumatoid arthritis	GSE10024	Expression	
		GSE10500	Expression	
Public Studies	Acute Lymphoblastic Leukemia	GSE4698	Expression	
	Asthma	GSE34466	clinical only	
		GSE13168	Expression	
		GSE31773	clinical only	
	Brain Cancer	GSE4271	Expression	
	Breast Cancer	GSE4922	Expression	
		GSE5327	Expression	
		GSE1456	Expression	

		GSE4382	Expression	
	COPD	GSE8581	Expression	
	Melanoma Uveal	GSE27831	Expression	
	Psoriasis	GSE11903	Expression	
	Pulmonary Sarcoidosis	GSE19976	Expression	
	Rheumatoid Arthritis	GSE20690	Expression	
	TraIT Cell-line	Cell-line	ACGH expression MicroRNA proteomics RNAseq VCF	ACGH data under "High-throughput molecular profiling \ Copy number aberrations" Expression data under "High-throughput molecular profiling \ Expression (mRNA)" ("...array") MicroRNA data under "High-throughput molecular profiling \ Expression (miRNA)" Proteomics under "High-throughput molecular profiling \ Expression (protein)" RNAseq under "High-throughput molecular profiling \ Expression (mRNA)" ("Illumina... RNAseq") VCF under "High-throughput molecular profiling \ Small Variants (DNA)" and "... (RNA)"
	Type 2 Diabetes	GSE38642	Expression	
TCGA Studies	Breast Cancer	BRCA	Expression	
	Lung Adenocarcinoma	LUAD	Expression	
	Ovarian Cancer	OV	Expression	
Test Studies V1.3		Test diabetes large	clinical only	
		Test mannheim with samples	clinical only	
		test mass spec proteomics	MsProteomics	
		test merged data types	Expression Metabolomics MsProteomics	
		test mRNA microarray	Expression	
		test_qPCR_miRNA_GSE37425	miRNA-qPCR	

Dictionaries loaded

Dictionary	Release	Notes
Entrez gene	Nov 2016	Updates to data loaded with transmart-data
Gene ontology	Nov 2016	Where is this used in tranSMART 16.2?
HMDB	Aug 2015	Human metabolite database
KEGG	Jan 2011	Last pre-subscription release
MeSH	2016	Medline subject headings, diseases
MIRBase	Release 21 Aug 2015	MicroRNA database
UniProt/SwissProt	Nov 2016	Human entries only
Observation	-	Diabetes entry for GWAS
VCF	dbSNP 146	SNP data for GWAS MAGIC datasets