Short guide on AIMS for data analyzer
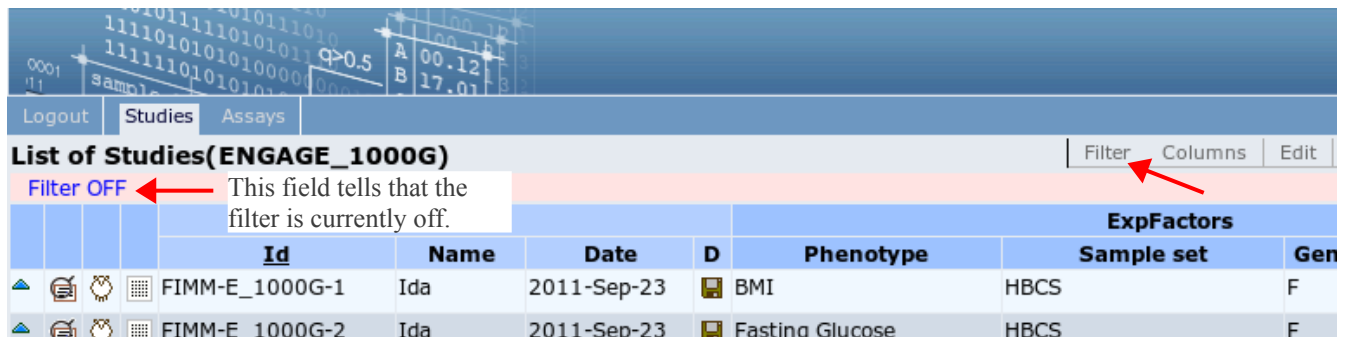
In this short guide we describe how to filter what data is shown in AIMS and how to download data from AIMS.

Filtering

AIMS has three hierarchical levels to store and handle data. Those levels are Assay, Study and View. On all those 3 levels, filtering of data is possible. In this tutorial we will be filtering data on the *Study* level.

Once logged in to the system, select your collection(ENGAGE_1000G for example). If you have only one collection available, you will be at Study level straight when you log in.

Filtering is possible on many different experiment factors but for now we want to filter data by *phenotype*. Click on Filter tab.
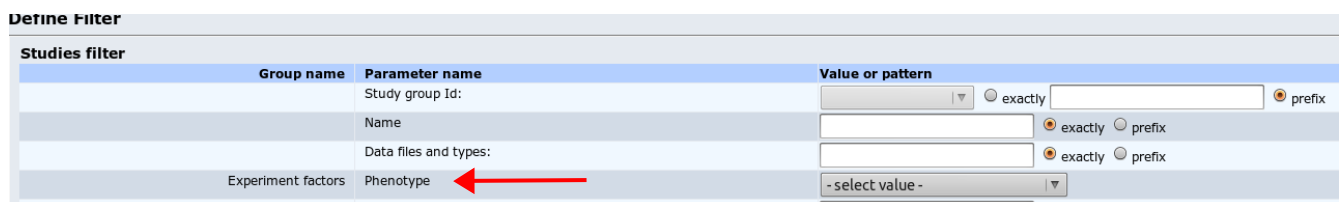

There will be a lot of different filtering options, but for now we are only interested in *Phenotype*.

Click on Experiment factors → phenotype and select for example BMI from drop-down menu, if you want to filter data by BMI phenotype.

Group name	Parameter name	Value or pattern
	Study group Id:		▽	○ exactly	
	Name			● exa
	Data files and types:			● exa
Experiment factors	Phenotype	- select value -	▽
Experiment factors	Sample set	- select value -	xa
Experiment factors	Gender	BMI	
Experiment factors	Direct/Imputed	Fasting Insulin adjusted for BMI	
		WRH adjusted for BMI	
Design	Design	Total Cholesterol	
		Fasting Glucose	
Design	Number of subjects	HDL	
		LDL	
Instrument details	Genotyping method	Tg	

Click Ok. Now your data is filtered by *BMI phenotype*. Notice the Filter ON text that indicates that you are now filtering the studies.

List of Studies(ENGAGE_1000G)

Filter ON ← Filtered by: Indicates that the filter is ON.

			Id	Name	Date	D	Phenotype	Sample set	Ge
▲			FIMM-E_1000G-1	Ida	2011-Sep-23		BMI	HBCS	F

If you need to cancel the filter, click Cancel filter on upper right-hand part of the screen.
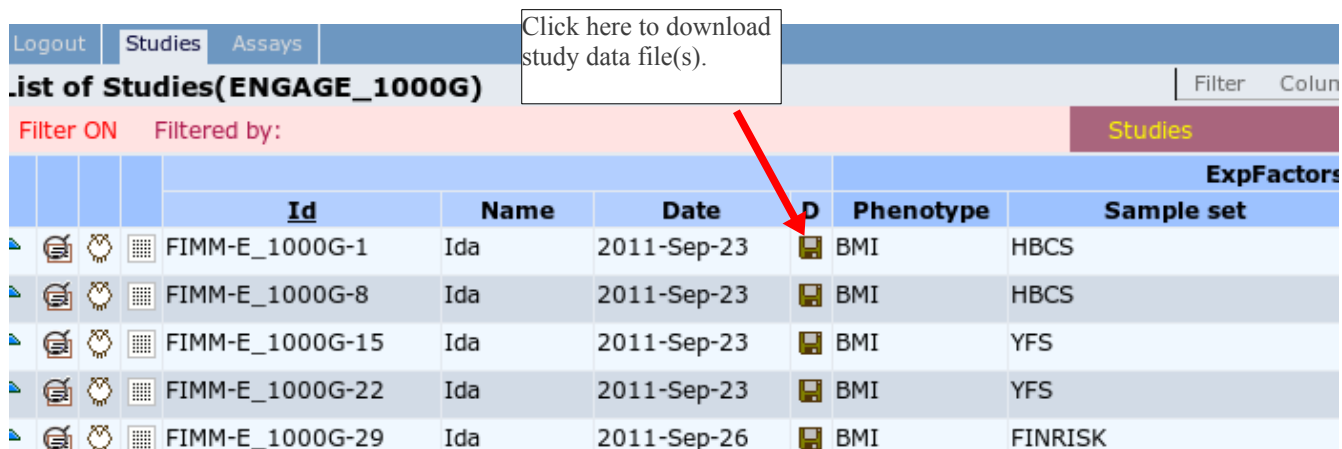
Clicking here removes the filter. → Cancel filter

nt		ExpProcessing				Software
hip	Genome build	Type	Adj. & stand.	Distr. transf.	Software	
nHap650Y	37	standard	other	inverse normal	IMPUTE, SNPTest	

Data downloading

Downloading data from AIMS is easy. Just click on icon with an image of a disk on particular study, and save the file(s) to your computer. Note: you can download the data only if you are assigned a role as a data analyzer. Otherwise the one who submitted the data file can download the files which he/she submitted. Contact support@euengage.org if you need to batch download data files.