

GenoLogics Instrument Integrations

Streamlining instrument integration and automating data capture



"GenoLogics has partnered with Illumina and is now an Illumina Connect member with capabilities to integrate microarray, as well as sequencing-based workflows into their genomics data management system. We are excited to see GenoLogics taking a proactive approach and integrating their software analysis tools with sequencing platform's such as Illumina's Genome Analyzer."

Omoshile Clement, Ph.D.,
Senior Product Manager of Informatics
for Illumina

Eliminate Time Consuming Redundant Data Entry

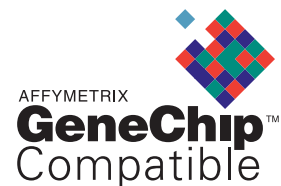
Having a robust, reliable laboratory information and scientific data management system is a substantial benefit to any lab. Yet there are still a plethora of instruments and software packages in the lab which are not part of a common informatics system. GenoLogics provides integrations to many types of instruments and software with the goal of eliminating time consuming redundant data entry tasks and automating data capture. The open, highly configurable GenoLogics platform supports integrations to virtually any instrument or software application in use at discovery labs.

Ensure Data is Correctly Identified

Most of us have fallen into the trap of taking shortcuts when setting up instruments and software for processing runs. It can be time consuming to accurately enter a long list of sample names into many software packages and so it is not always done. Then it happens. You need a particular set of data and when hunting around on the instrument hard drive you realize that there is no accurate way of identifying the data you are looking for.

GenoLogics provides many instrument integrations that answer a simple question: "I have already entered all the sample names and associated sample information into my laboratory information and scientific data management system, so why should I have to do it again?"

From setting up sample lists for mass spectrometry runs to supplying sample lists including relevant sample annotations for gene sequencing, gene expression or genotyping runs on Affymetrix, TAQMAN, Roche or Illumina platforms, GenoLogics helps save time and improve accuracy by providing partial or complete automation of instrument setup.



Ensure Instrument Results are Correctly Recorded

Your laboratory information and scientific data management system should always contain an accurate sample genealogy of the work performed upon your samples, but you do not want to spend hours entering instrument results into a system to accomplish this.

GenoLogics provides many instrument integrations that allow instrument results to be automatically processed to save you time from entering information. Example instrument integrations include:

- Allele calls for TAQMAN SNP genotyping runs
- RQ values for TAQMAN Real-Time PCR runs
- QC, volume and concentration information from various instrumentation
- Protein and peptides from a dozen different search engine search result formats
- Spotted fractions and elution times for a plate spotter
- Spot cutting results from various spot picking robots
- Annotated spot lists from gel analysis software

In each of these cases, and many others not mentioned, the goal is to automate the data entry process and make it easy to keep a complete, accurate record of all work that has been completed on a sample.

The complexity and volume of data in discovery labs today, demand a robust informatics solution. The GenoLogics platform is designed for integrations to automate the capture of your data and improve the efficiency of your lab.

For more information or a demonstration of our Research Informatics Solution, please email us at sales@genologics.com or call 250-483-7011.

www.genologics.com

"Geneus' integration with the Affymetrix platform allows customers to streamline and scale-up their microarray-based science more efficiently and cost-effectively."

- Steve Lincoln,
Vice President of Informatics,
Affymetrix



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**WWW.GENOLOGICS.COM NORTH AMERICA: 1.250.483.7011 TOLL FREE: 1.866.457.5467
EUROPE: [44] 1606 861131**