

# Geneus Optimizes Illumina Genome Analyzer Projects



*"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

Geneus has already proven its ability to improve productivity in existing genomics facilities. If you think the capabilities described above would help you manage the Illumina Genome Analyzer data in your laboratory, please contact us.

For more information visit [www.genologics.com](http://www.genologics.com), or contact us today for more information or a demonstration of our Illumina capabilities, at +1.250.483.7011 or [sales@genologics.com](mailto:sales@genologics.com).

Working with Illumina, GenoLogics has added comprehensive Illumina capabilities to the Geneus laboratory and data management system. Geneus now accommodates end-to-end Illumina workflows, including a seamless integration to the Genome Analyzer platform.

Geneus enables effective sample tracking and data management, improving productivity and laboratory operations, providing Illumina users with capabilities to:

- Associate clinical sample annotations to Genome Analyzer sequence data
- Enable web-based communication with collaborators for sample submission, project tracking, reporting and invoicing
- Manage quality control to pass/fail samples from data acquired from spectrophotometers
- Manage reagents and consumables inventory
- Link to existing automated informatics pipelines or use GenoLogics solution for optimal sequencing and analysis
- Generate project reports from the Adaptive Reporting Framework for customers and collaborators

Within Geneus all project sample information is captured and stored with the acquired data from each step of the project workflow. Consequently, database queries for further analysis can be performed on the sample information to provide meaningful analysis.

Designed to be a user configurable system, Geneus adapts to your experimental workflows and laboratory operations today and into the future to ensure users maintain long term value from their investment.

**[SOL307A1] Cheek swab-1**

LIMS ID: SOL307A1  
Project: Illumina Sequencing  
Sample Name: Cheek swab-1  
Total Volume (uL):  
Date Received: Apr 30, 2008  
Reagent Types:  
Date Completed:

**Genealogy** | Tasks | Files | Details | Notes | Biosource | Experimental Conditions

GC	Name	Identifier	Well	Original Volume (uL)	Original Concentration (ug/mL)	Current Volume (uL)	Current C
+	Cheek swab-1	27-670	1:1				
+	DNA Extraction						
+	Cheek swab-1	27-753	1:1	10		0	
+	Illumina Sequencing Sample Prep						
+	Cheek swab-1	27-761	1:1	10		0	
+	Cluster Generation						
+	Cheek swab-1	27-769-1	1:1	10		0	
+	Genome Analyzer						
+	Sequencing Data   sample1-pointer.bt						
+	Alignment to Reference sequence						
+	SOL307A1AR0.bt						
+	Tertiary Analysis						
+	SOL307A1TA7.bt						



GenoLogics Life Sciences Software, Inc. ©2008. All Rights Reserved.

The information contained in this document is proprietary to GenoLogics Life Sciences Software, Inc (GLS). This document is subject to change without notice, and GLS does not warrant that the material contained in this document is free of errors. GenoLogics, Proteus and Geneus are trademarks of GenoLogics. All other registered trademarks are the property of their respective owners. Any forward looking statements regarding future product direction are for information purposes only, and GLS makes no express or implied commitments or representations concerning the timing / content of any future functionality or releases.

GS240-080601

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