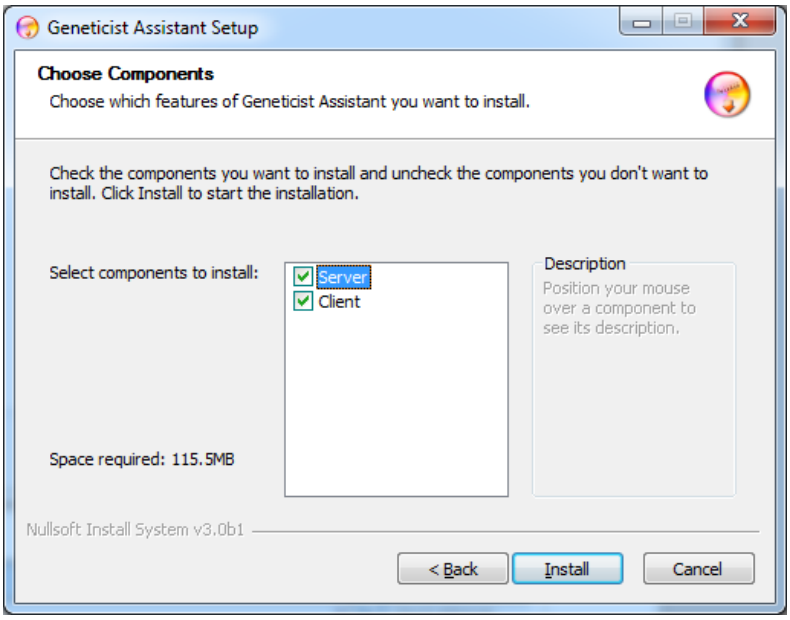
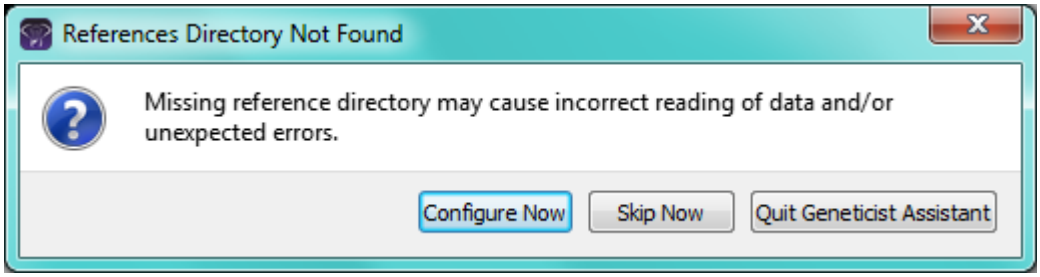
Geneticist Assistant Quick Start Guide

- ## Download
  - ↘ Download GeneticistAssistantSetup_*.exe from the SoftGenetics ftp server.
  - ↘ Contact tech_support@softgenetics.com for download information if you don't have it.
- ## Install
  - ↘ Run GeneticistAssistantSetup_*.exe
  - ↘ Install the server and client on the computer you wish to run the server from.
  - ↘ Install just the client on other computers



- ## Configure Reference Directory
  - ↘ After opening Geneticist Assistant, you will be prompted to configure the reference directory - Click “Configure Now”



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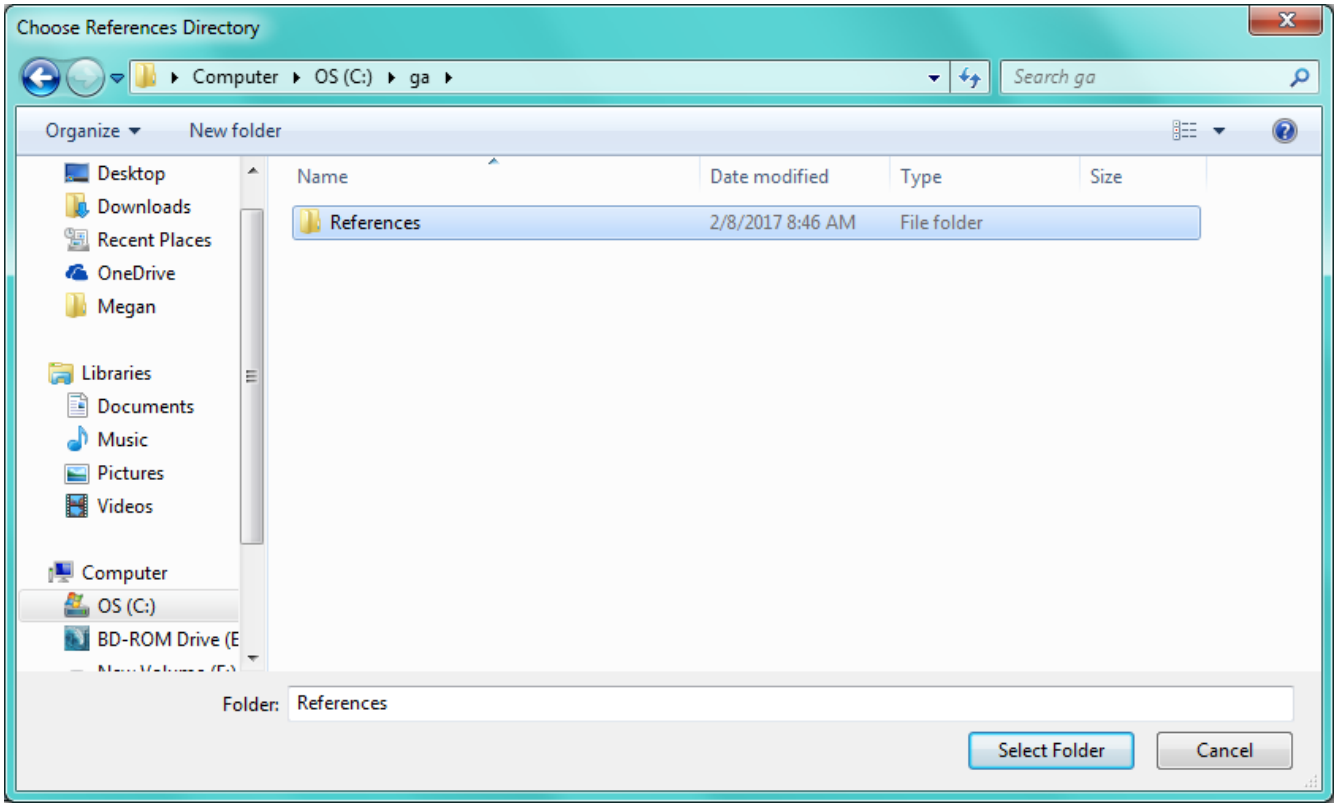
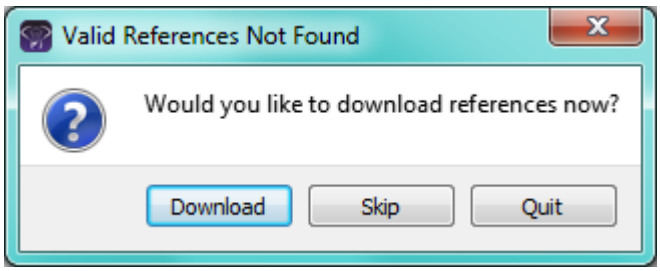
- Browse and create a directory to store the reference
  - C:\ga\references



- Select to download reference



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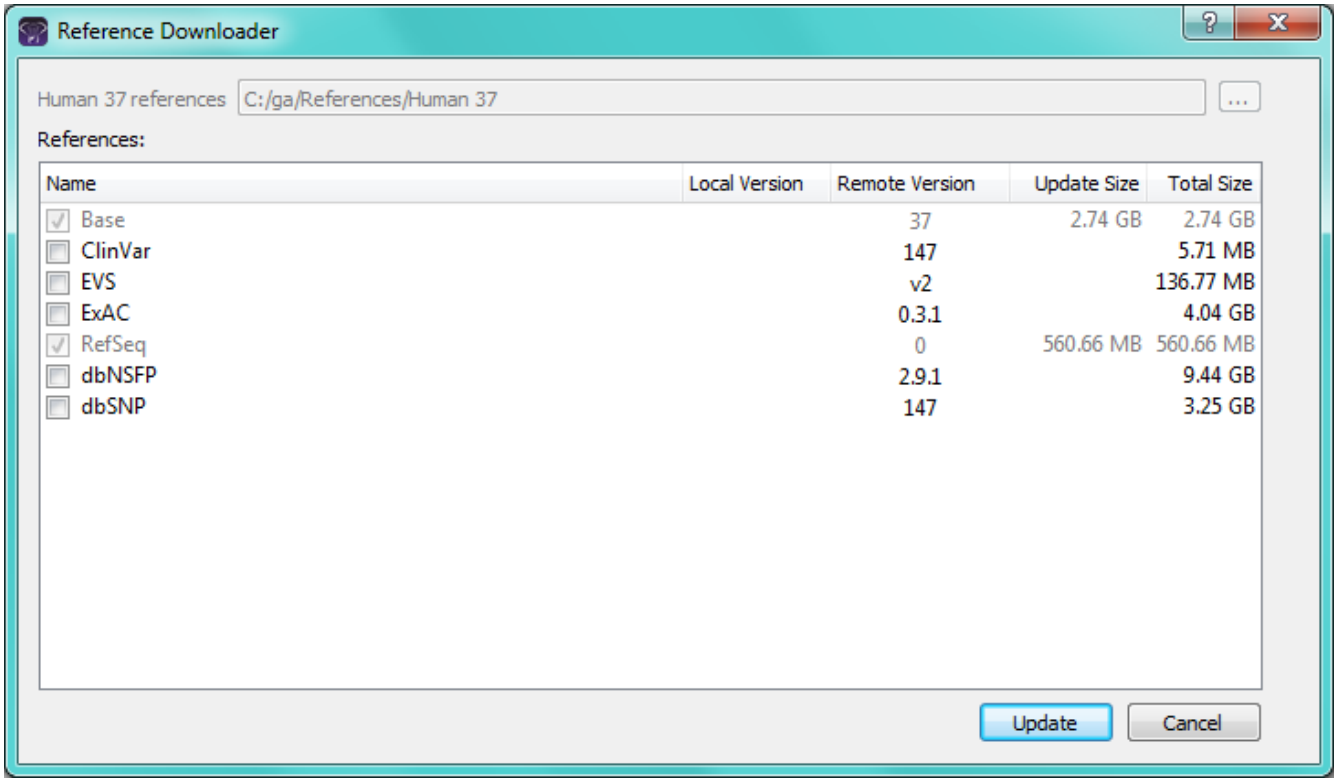
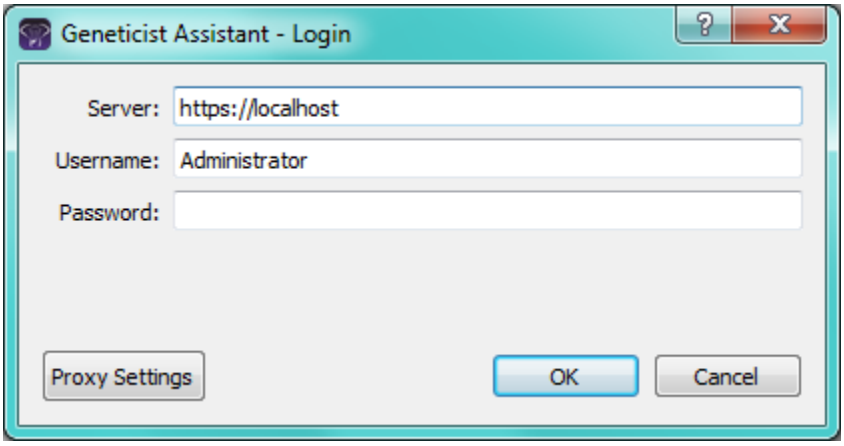
↘ Select variant annotation databases for download



↘ Login

- ✦ Server: Name of the computer running the server
- ✦ Username: The user name you set up during install
- ✦ Password: The password you set up during install



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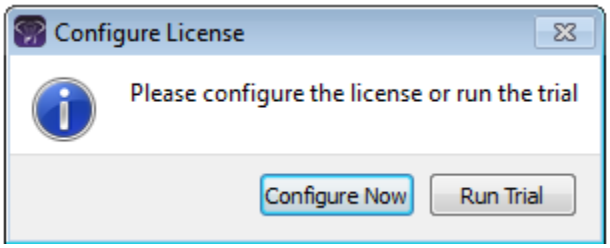
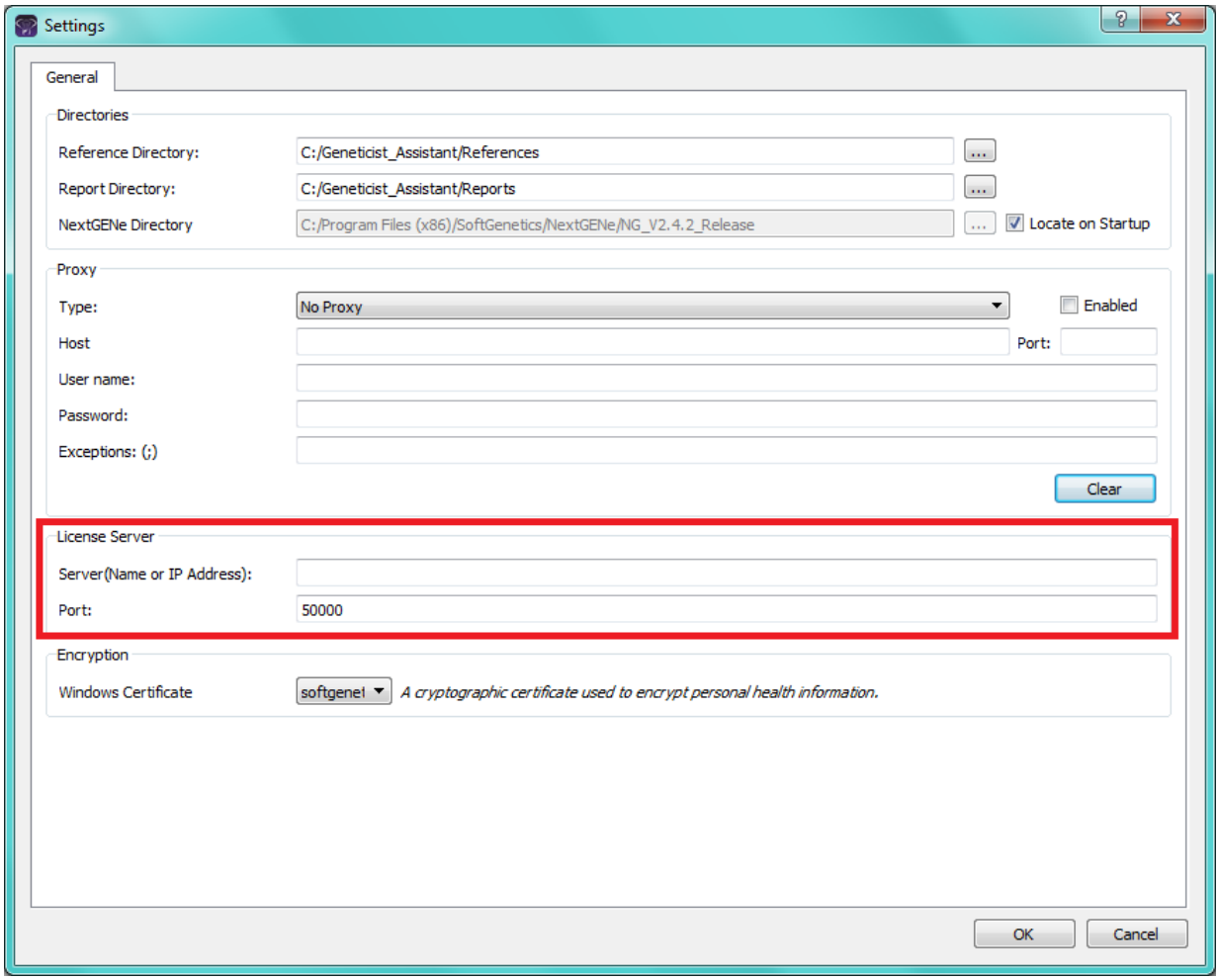
- Configure License
  - ↘ Registered user click "Configure Now". All others click "Run Trial"



  - ↘ Set the server to the computer with the License Server installed
    - ✦ The default port is 50000
    - ✦ Another guide that details how to install the License Server is available



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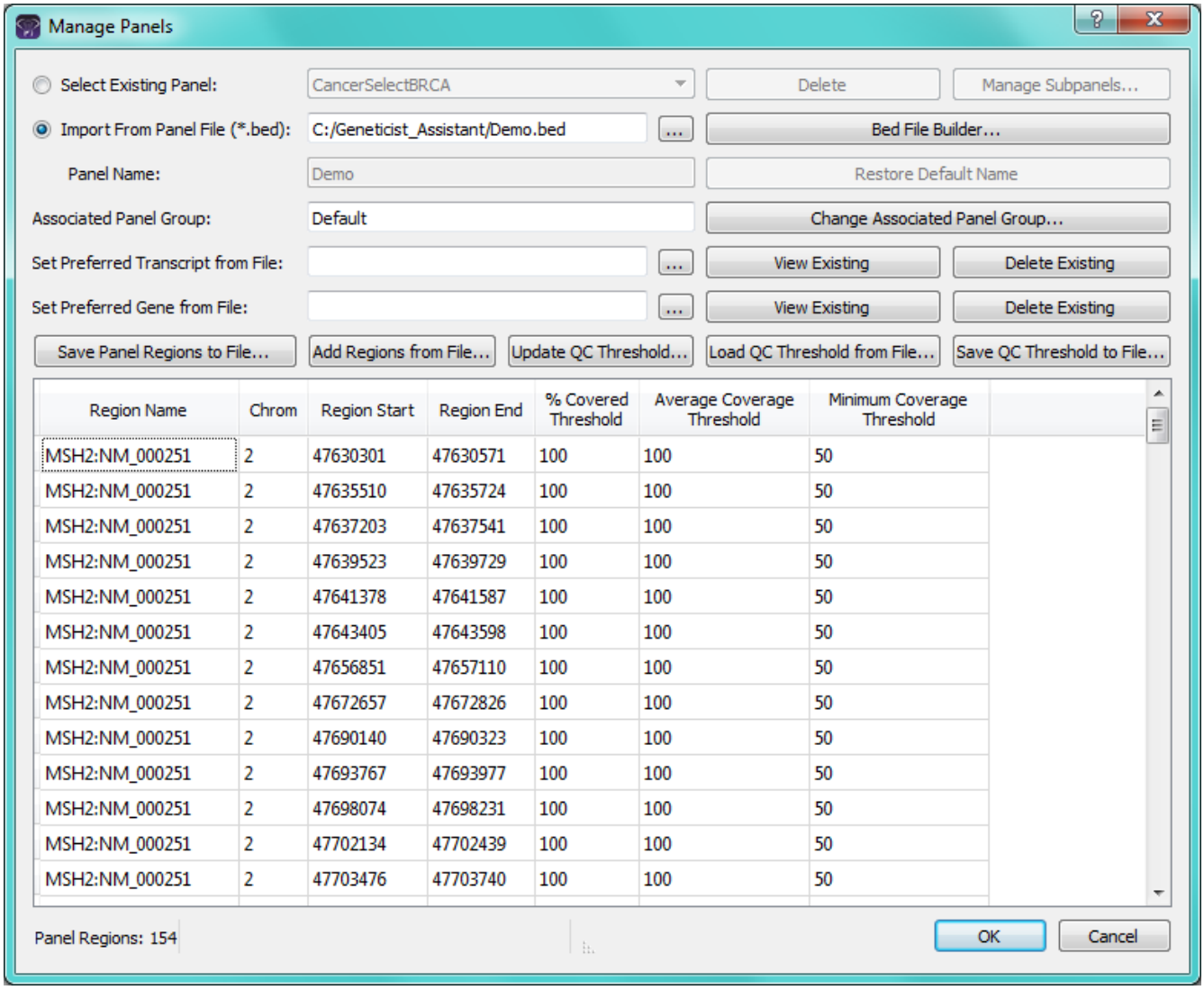
- ## Create Panel
  - ↘ Go to: Panels->Manage Panels
  - ↘ Select "Import From Panel File (*.bed)"
  - ↘ Click "…" to browse to and select a BED file to add as panel
  - ↘ Click "Import Panel" to load BED file regions
  - ↘ Click "OK" to import the panel



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- ## Submit New Run
  - ↘ File > New Run
  - ↘ Enter a name for the run
  - ↘ Click "Select Variant and/or Coverage Files" to browse to and select your data files.
    - ✦ You can select multiple BAM and VCF files at the same time. They will be automatically paired based on their filename.
  - ↘ Click "OK" to submit the samples.