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*the power of discovery*

# 2.2.0 Software Release Notes

For Navigator™ Software version 2.2.0

## Hardware Requirements

The software operates current WAVE 4500, WAVE 3500 and WAVE-MD instruments and runs on any computer that was running a previous version of the software.

## Software Requirements

The 2.2.0 client and server software can be installed on a new system or can upgrade version 2.0.0 or later.

The upgrades will not work automatically with versions earlier than 2.0.0 or with unpublished versions. Contact Transgenomic Customer Service for instructions on how to perform these upgrades.

## Upgrade Instructions

Two upgrade guides are now provided in PDF format. A *Navigator Server Upgrade Guide* should be included on the Server Upgrade CD. In addition, a new *Client Upgrade Guide* should be included on the client CD.

Please read all upgrade instructions carefully for 2.2.0



## New Features in Version 2.2.0

**Table 1: New Features**

Analysis	<ol style="list-style-type: none"><li>1. Added ability to rename injection from analysis table.</li><li>2. Added ability to sort injections in analysis table.</li><li>3. Added second reference trace.</li></ol>
Backup Tool	Automatically upgrade database after a backup file is restored.
Database	<ol style="list-style-type: none"><li>1. Notify user when backup attempt fails.</li><li>2. Log backup attempts on Maintenance tab.</li></ol>
Equilibration	<ol style="list-style-type: none"><li>1. Added equilibrate before tray change and equilibrate before project tray options.</li></ol>
Import/Export	Include Fragment collection data in export files.
Injections	Added ability to move injections from one tray to another.
Instrument Configuration	<ol style="list-style-type: none"><li>1. Added predicted temperatures to wave-md / 4500 oven calibration panel.</li><li>2. Added buffer logging functionality.</li><li>3. Added ability to disable module so it no longer appears in available list.</li></ol>
Maintenance	<ol style="list-style-type: none"><li>1. Redesign Maintenance tab to contain a list of upcoming maintenance events and log book. The log book contains all of the maintenance events that have been performed.</li><li>2. Record oven calibrations, modules changes, part changes, buffer changes, column changes, and database backups on the Maintenance Log book.</li><li>3. Added ability to automatically e-mail support requests.</li></ol>
Methods	Added ability to change default equilibration and clean time.
Peak Picking	Added ability to create multiple peak picking templates per project.
Protocol	<ol style="list-style-type: none"><li>1. Added ability to limit the mutation calls that are available during analysis.</li><li>2. Added ability to define default subject names in the protocol template.</li></ol>
Queue	Estimate the volume of buffer required to run the injections in the queue.
Reports	<ol style="list-style-type: none"><li>1. Added Module History report.</li><li>2. Added Maintenance Change Log report.</li></ol>
Sample Tray	Added ability to move tray from one project to another.

## Major Fixes in Version 2.2.0

**Table 2: Major Fixes**

DNA tab	Changes to an amplicon can occasionally lock up the Navigator application.
Fragment Collector	Increase number of collection events in an automated collection.
Injection	<ol style="list-style-type: none"> <li>1. Resize injection panel properly after it has been maximized.</li> <li>2. Injection run flag occasionally getting set incorrectly.</li> </ol>
Interface	Interface logs not properly truncating on a Windows XP computer.
Operator	Operator occasionally closes when pressing fragment collector buttons.

## Known Issues in Version 2.2.0

**Table 3: Known Issues**

DNA tab	<p>In some cases, imported web data (from MutationDiscovery.com) does not show features when the format button is pressed. As a workaround, please close the client and log back in.</p> <p>Deleting sequence across line breaks may inappropriately prevent the user from editing the end of the sequence. The user may select another sequence, then reselect the initial sequence to continue editing.</p>
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## Questions About 2.2.0

Please contact Transgenomic Technical Support by visiting: <http://www.transgenomic.com> and clicking on the Contact Us button on the menu bar.

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