DesignStudio Microarray Assay Designer Software
Release Notes v.2.0.1
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DesignStudio™ Microarray Assay Designer v.2.0.1 Release Notes

Introduction

This document summarizes the new features, defect repairs (i.e., bug fixes), and known issues that have occurred in the software since the version 1.1.2 release. The release notes are listed by the most recent version first.

Version 2.0.1 Release Notes

New Features

- Design will fail, and an error message with actionable next steps will be logged when:
    - an over-representation of loci located on sex chromosome is detected in the submitted design content, as it can affect normalization step and CNV Calling performance downstream.
    - More than 255 unique chromosomes ID have been detected in the submitted design content.

Bug Fixes

- XT workflow bug with custom species
- Exception occurs when performing a Danio rerio (zebra fish) design
- When user provides a design file with 200+ chromosomes then designer fails without proper error
- If an unexpected failure, design will "fail" but the error won't be properly caught and propagated to set the status to failed.

Known Issues

- The design will fail with a general error message in the following situation:
    - Non-alphanumeric characters such as "|", "Ö", "&", etc, are used in the input file or design name. When non-alphanumeric characters are used in the input file, the design process fails without receiving error file or other output files.
    - Loci names include multiple combined dashes (known as em dash, "—") in the input file

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- o when legacy_id are detected in existing_design_file
- o A M or MT chromosome designation is used for equine as species
- When using an existing design file, the dropdown does not let the user change the strand type.
- Unable to search for a customer email if the email contains a plus "+" sign.