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# DesignStudio Software Release Notes

# DesignStudio v2.0

## For MiSeq, HiSeq and NextSeq systems

### June 4, 2015

# Introduction

These Release Notes detail the key changes to software components for DesignStudio 2.0 since the v1.7 release.

As DesignStudio is an Illumina hosted web application, all customers will be impacted by the new release.

Projects created before this release will still be accessible through the new version of DesignStudio; projects are now referred to as "Designs."

## NEW FEATURES:

- Design Workflow Indicator: stepwise indicator - at the top of each page - tracks the progress along the design workflow
- Guided Assay Selector (through link "Help me choose") on home page, and Select Assay page
- Target export file format can now directly be imported into target selection
- New formats available for target file import & export:
    o .BED file
    o .TSV file
- Free text targeting option:
    o Ability to add multiple targets through a free text input, separated by comma[,] or enter key
- Ability to order designed panels from homepage, via shopping cart icon
- Manifest download now available in single location for all DesignStudio supported assays, via Download Files menu
- Updated, single-click UCSC browser visualization for all grid entries
    o For TSCA, a single export now includes Target, Amplicon, and Gap custom tracks
- Single-click Amplicon/Probes and Gaps detailed view from Target Regions and Targets
- Automated handling of targeting errors
- Design warning message update: "Target Proximity" is now "Targets will be merged"
- New Reports function enables summary and visualization of the following:
    ▪ Design Detail Report (TSCA, NRCC and TREx)
    ▪ Variant Detail Report (TSCA)
- Email notification update
    o Enhanced design completion email notification
    o Order reminder follow-up email

## DEFECT REPAIRS:

- None

## KNOWN ISSUES:

- None