BaseSpace Correlation Engine *Software Release Notes*
Part Number: 200014081
Ver: 00
Effective Date: --
Release Status: Released
Release Date: 15-Mar-2022
IP Classification: --
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BaseSpace Correlation Engine Release Notes

V2.0.5

March 15, 2022

illumina®

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Introduction

These Release Notes detail the latest release of BaseSpace Correlation Engine, including known issues.

BaseSpace Correlation Engine provides an interface with tools and content for exploratory, preclinical, and early translational research in drug discovery and biotechnology research. The software is a multidimensional integration platform designed to search and correlate global collections of heterogeneous, large-scale experimental data across diverse platforms, organisms, and therapeutic areas.

Features

- Updated copyright year to 2022
- Added 'single cell' as filterable sample source under advanced filter
- Back-end updates to import process:
    - Extended database capacity
    - Updated APIs to improve performance of data transfer during import
    - Updated wording on licensing page
- Security and performance improvements

Resolved Issues

- Fixed an issue where no warning message was given when user tries to delete a group
- Fixed an issue where second level details of a study with hundreds or more biosets failed to expand where searching by gene
- Fixed an issue where synonyms could not be deleted in ontology
- Fixed an issue where studies did not show in certain categories (e.g., Olaparib)
- Fixed an issue where the Clinical Trials map was not displaying properly
- Fixed an issue where graphs in Meta-Analysis/Biogroups did not appear correctly when p-values were extremely small
- Fixed an issue in Boolean Search where some gene were missing from autocomplete

Known Issues

- Data filter does not return cell line results when filtering for copy number or somatic mutations in Cell Lines - Body Atlas

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- o Work around: Browse for Body Atlas cell lines where CNV or SM data is present and open up individual datasets to inspect
- Export from Active Biogroups times out in studies with more than 20 biosets
  - o Work around: Add biosets to Meta-analysis in smaller batches and export from Biogroup Results tab in Meta-analysis
- Region filter temporarily not present for Histone Ubiquitination, Histone Acetylation, Histone Methylation bioset inspectors
- 'Edit description' from Action drop down in Curated Studies temporarily disabled
  - o Work around: Load Study Inspector and click 'Edit description' button

Data Content Update

- GWAS OpenTargets

OpenTargets	
Studies	1,528
Biosets	1,529

- Overall content

	Total since prior release	Total public content
Studies	1,597	24,549
Biosets	2,410	157,558