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QIAGEN® Clinical Insight Interpret Release Notes

Dear valued customer,

At QIAGEN, we are continuously making improvements to provide the highest level of performance with our software. Consequently, we are pleased to inform you about the latest release of QCI® Interpret.

Release Information

Product(s):
QIAGEN Clinical Insight (QCI) Interpret,
QIAGEN Clinical Insight (QCI) Interpret One,
myQCI

Release Date: October 12, 2023

QCI Interpret Version: 9.2.1.20231012

MyQCI version: 1.4.0

Content Versions: Please see appendix

Contact Our Technical Support

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Additional Information: Visit us online at **https://digitalinsights.qiagen.com/**

Intended Use Statement

QCI Interpret (QCII) is a software platform that uses scientific evidence associated with genetic variants related to somatic and hereditary diseases through the in vitro examination of genomic data. QCI Interpret is intended to be used by lab directors, oncology experts, and human genetics experts to help guide patient management decisions.

Software version: 9.2.1.20231012

Introduction to QCI Interpret

QCI Interpret is a web-based software application for the annotation, classification, and reporting of actionable alterations from next-generation sequencing (NGS) data in clinical genomics laboratories. Published evidence curated by experts into QIAGEN Knowledge Base is used by QCII to provide a powerful tool for increasing the efficiency and accuracy of genomic alteration, interpretation, and reporting. QCII uses a rules-based approach to automatically compute pathogenicity classifications (Pathogenic to Benign) and actionability classifications (Tiers 1 to 4) for each alteration according to professional guidelines from ACMG/AMP and AMP/ASCO/CAP, respectively. Pathogenicity and actionability classifications in QCII are accompanied by transparent references to the criteria and evidence supporting the classifications. This workflow starts with a variant call format (VCF) file, so it is compatible with the output from any NGS platform. The final report includes the alterations, interpretations, and references specified through the assessment process, which has customizable automation capabilities allowing for streamlined clinical decision support workflows.

Introduction to myQCI

MyQCI is an easy-to-use administrative application for QCI that enables managing, configuring, and customizing key components of your test menu including test configuration, PDF report templates, and electronic signatures.

Introduction to QDIAT

The QIAGEN Digital Insights Administrative Tool (QDIAT) empowers lab administrators to independently onboard new team members, configure groups of users, and generally manage permissions within the account associated with one or more licenses. This tool also enables review of usage of the software.

Software version: 9.2.1.20231012

Bug Fixes

In order of appearance in the UI:

Issue number	Description
ICL-21557	When a verification status was added to an insertion variant in a test, it would cause the test to become no longer accessible. This has been fixed so that the test continues to be accessible.
ICL-21560	In QCII-One, when insertion variants were sent for Expert Interpretations, QCI would provide a default comment instead of the more specific comment. This has been fixed so that the appropriate Expert Interpretation comments are provided.

Software version: 9.2.1.20231012

Content Sources and Versions

QIAGEN Clinical Insight Interpret 9.2.1.20231012

Source	Version
1000 Genome Frequency	phase3v5b
Allele Frequency Community	2019-09-25
BSIFT	2016-02-23
CADD	v1.6
CentoMD	5.3
Clinical Trials	K-release
Clinvar	2023-08-19
COSMIC	v97
dbSNP	NCBI36 (hg18) 151, GRCh37 (hg19) 155, GRCh38 155
dbVar	2021_04
DGV	2016-05-15
EVS	ESP6500SI-V2
ExAC	0.3.1
GENCODE	Release 41
gnomAD	GRCh37 (hg19) 2.1.1, GRCh38 (hg38) 3.1.2
HGMD	2023.2
Ingenuity Knowledge Base	K-release
Ingenuity Knowledge Base Snapshot Timestamp	2023-09-07 18:29:32.919
iva	Jun 15 11:47 iva-1.0.2666.jar
JASPAR	2013-11
Matched Annotation from NCBI and EMBL-EBI (MANE)	0.95
MITOMAP: A Human Mitochondrial Genome Database. **www.mitomap.org**, 2019	2020-06-19
NCBI Gene	2022-02-22
OMIM	January 16, 2023
OncoTree	oncotree_2021_11_02
phyloP	NCBI36 (hg18) 2009-11, GRCh37 (hg19) 2014-02, GRCh38 2015-05
PolyPhen-2	v2.2.2 (HumVar)
Refseq Gene Model	2022-08-30
SIFT4G	2016-02-23
TargetScan	7.2
TCGA	2013-09-05
Vista Enhancer	2012-07

If you have further questions, please contact your local QIAGEN representative or contact our Technical Support Center at **www.qiagen.com/support/technical-support**.

Best regards,
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