

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

PACIFIC BIOSCIENCES OF CALIFORNIA, INC.
Petitioner,

v.

THE CHINESE UNIVERSITY OF HONG KONG,
Patent Owner.

PTAB Case No. IPR2024-00028

Patent No. 11,091,794

DECLARATION OF AMY CANDELORO

I, Amy Candeloro, declare as follows:

1. I am a Senior Paralegal at Perkins Coie LLP, counsel for Patent Owner The Chinese University of Hong Kong.
2. I am over 18 years of age and I make this declaration based upon my own knowledge, personal experience, and belief. If called upon, I can competently testify to the facts stated in this declaration.
3. I assisted with the collection and assembly of certain items included as Exhibits to the Patent Owner Preliminary Response to the Petition for *Inter Partes* Review of U.S. Patent No. 11,091,794, including printing internet web pages or documents. The following paragraphs will describe some of these documents, marked as Exhibits and filed with the Patent Owner's Preliminary Response.
4. Exhibit 2007 is a true and correct print-friendly copy of "Johns Hopkins University Center for Computational Biology, StringTie – Transcript assembly and quantification for RNA-Seq." as accessed on January 23, 2024, at the URL <https://ccb.jhu.edu/software/stringtie/index.shtml?t=faq>.

5. Exhibit 2008 is a true and correct print-friendly copy of “Broad Institute Genome Analysis Toolkit.” as accessed on January 23, 2024, at the URL <https://gatk.broadinstitute.org/hc/en-us>.

6. Exhibit 2009 is a true and correct print-friendly copy of “Broad Institute Genome Analysis Toolkit - HaplotypeCaller.” as accessed on January 23, 2024, at the URL <https://gatk.broadinstitute.org/hc/en-us/articles/360040096812-HaplotypeCaller>.

7. Exhibit 2010 is a true and correct copy of “University of California at Santa Cruz, Genome Browser BAM Track Format” as accessed on January 23, 2024, at the URL <https://genome.ucsc.edu/goldenPath/help/bam.html>.

8. Exhibit 2011 is a true and correct print-friendly copy of “Git Hub HPC Training – Peak calling with MACS2” as accessed on January 23, 2024, at the URL https://hbctraining.github.io/Intro-to-ChIPseq/lessons/05_peak_calling_mac.html.

I hereby declare that all the statements made in this declaration are of my own knowledge and true; that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001.

The contents of this declaration are true under penalty of perjury of the laws
of the United States.

Executed at Los Angeles, California, this 26th day of January, 2024.



Amy Candeloro