

Dr. Peter K. Koo

LIST OF ADDITIONAL MATERIALS CONSIDERED FOR SUPPLEMENTAL
DECLARATION

Ex. No.	Description
2037	Transcript of Deposition of Christophe Dessimoz, Ph.D., June 21, 2024
2038	Beaulaurier et al., “Deciphering bacterial epigenomes using modern sequencing technologies,” <i>Nat Rev Genet</i> 20, 157–172 (2019) (“Beaulaurier”)
2039	Birknerova et al., “Circulating Cell-Free DNA-Based Methylation Pattern in Saliva for Early Diagnosis of Head and Neck Cancer,” <i>Cancers</i> , 14, 4882 (2022) (“Birknerova”)
2040	Gouil et al., “Latest techniques to study DNA methylation,” <i>Essays in Biochemistry</i> , 63, 639–648 (2019) (“Gouil”)
2042	Sang, “Bioinformatics Analysis of DNA Methylation Through Bisulfite Sequencing Data,” <i>Methods Mol. Biol.</i> , 2198:441-450 (2021) (“Sang”)
2043	Wang et al., “Factors and Methods for the Detection of Gene Expression Regulation,” <i>Biomolecules</i> , 13, 304 (2023) (“Wang”)
2044	Cheung et al., “Direct haplotype-resolved 5-base HiFi sequencing for genome-wide profiling of hypermethylation outliers in a rare disease cohort,” <i>Nature Communications</i> , 14, 3090 (2023) (“Cheung”)
2045	Web page: Oxford Nanopore Technologies – How nanopore sequencing works. URL: https://nanoporetech.com/platform/technology . Web page visited July 25, 2024.
2046	Web page: Your Genome – What is Oxford Nanopore Technology (ONT) sequencing? URL: https://www.yourgenome.org/theme/what-is-oxford-nanopore-technology-ont-sequencing/ . Web page visited July 25, 2024.

Ex. No.	Description
2047	PDF downloaded from web page: Genome-wide CpG methylation calling with standard HiFi whole genome sequencing (“PacBio’s Primrose Poster”). URL: https://www.pacb.com/wp-content/uploads/ESHG-2022-Genome-wide-CpG-methylation-calling-Blethrow-Poster.pdf . Web page visited July 25, 2024.
2048	Web page: ESHG Conference 2022. https://2022.eshg.org/ Web page visited July 25, 2024.
2049	Web page: ESHG 2022 Sequence Without Compromise PacBio. URL: https://programs.pacificbiosciences.com/l/1652/2022-03-17/43c8ch . Web page visited July 25, 2024.
2050	Searle et al., “Third-Generation Sequencing of Epigenetic DNA,” <i>Angew. Chem. Int. Ed.</i> 62, e202215704 (2023) (“Searle”)
2051	Gigante et al., “Using long-read sequencing to detect imprinted DNA methylation,” <i>Nucleic Acids Research</i> , 47(8), e46 (2019) (“Gigante”)
2053	Web page: PacBio Transforms Access to the Epigenome and Streamlines Workflows, PacBio press release dated April 21, 2022. URL: https://www.pacb.com/press_releases/pacbio-transforms-access-to-the-epigenome-and-streamlines-workflows/ . Web page visited July 26, 2024.
2054	Comparison of ’794 patent claim 1, EX1030, EX2024, and EX2047