UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

PARSE BIOSCIENCES, INC.
Petitioner,

v.

10X GENOMICS, INC.
Patent Owner

Case IPR2023-00958

U.S. Patent No. 10,697,013

PETITIONER PARSE BIOSCIENCES, INC.'S
UPDATED EXHIBIT LIST

PETITIONER'S UPDATED EXHIBIT LIST

Exhibit #	Description
EX1001	U.S. Patent No. 10,697,013 ("the '013 patent")
EX1002	Declaration of Gregory Cooper, Ph.D.
EX1003	PCT Patent Publication No. WO 2010/117620 to Linnarsson et al. ("Linnarsson")
EX1004	Megan L McCloskey et al., *Encoding PCR Products with Batch-Stamps and Barcodes*, 45 Biochemical Genetics, 761-767 (2007) ("McCloskey")
EX1005	Prosecution File History of U.S. Patent No. 10,697,013
EX1006	Leslie H. Brail et al., *Gene expression in individual cells: analysis using global single cell reverse transcription polymerase chain reaction (GSC RT-PCR)*, 406 Mutation Research Genomics, 45-54 (1999) ("Brail")
EX1007	Hubert Hug et al., *Measurement of Number of Molecules of a Single mRNA Species in a Complex mRNA Preparation*, 221 J. Theor. Bio., 615-624 (2003) ("Hug")
EX1008	Intentionally left blank.
EX1009	Gerald Schochetman et al., *Polymerase Chain Reaction*, 158 J. of Infectious Diseases 1154-1157 (1988) ("Schochetman")
EX1010	Intentionally left blank.
EX1011	H.C. Yang et al., *A genome-wide study of preferential amplification/hybridization in microarray-based pooled DNA experiments*, 34 Nucleic Acids Research 1-11 (2006) ("Yang")
EX1012	Severine A Degrelle et al., *Amplification biases: possible difference among deviating gene expressions*, 9 BMC Genomics 1-15 (2008) ("Degrelle")
EX1013	Brooks E. Miner et al., *Molecular barcodes detect redundancy and contamination in hairpin-bisulfite PCR*, 32 Nucleic Acids Research 1-4 (2004) ("Miner")
EX1014	Intentionally left blank.

Exhibit #	Description
EX1015	U.S. Patent Provisional Application No. 61/164,759 (filed March 30, 2009) (Sven Linnarsson, applicant) ("Linnarsson Provisional")
EX1016	Defendant 10X Genomic's Opening Brief In Support Of Its Motion To Dismiss, *Becton, Dickinson and Company and Cellular Research, Inc. v. 10X Genomics, Inc.*, C.A. No. 18-1800-RGA (Mar. 1, 2019 D. Del.) (No. 19)
EX1017	Defendant 10X Genomic's Reply Brief In Support Of Its Motion To Dismiss, *Becton, Dickinson and Company and Cellular Research, Inc. v. 10X Genomics, Inc.*, C.A. No. 18-1800-RGA (Apr. 12, 2019 D. Del.) (No. 22)
EX1018	Scheduling Order, *10X Genomics, Inc. and The Board of Trustees of the Leland Stanford Junior University v. Parse Biosciences, Inc.*, C.A. No. 22-1117-JHS (Mar. 2, 2023 D. Del.) (No. 48)
EX1019	Federal Judicial Caseload Statistics (2022), at https://www.uscourts.gov/statistics-reports/analysis-reports/federal-judicial-caseload-statistics
EX1020	Curriculum Vitae of Gregory Cooper
EX1021	Jonas Binladen et al., *The Use of Coded PCR Primers Enables High Throughput Sequencing of Multiple Homolog Amplification Products by 454 Parallel Sequencing*, 2(2): e197 PLoS ONE 1-9 (2007) (Binladen)
EX1022	Intentionally left blank.
EX1023	Motion Success for Stay Pending IPR In Delaware District
EX1024	Hiroto Okayama and Paul Berg, *High-Efficiency Cloning of Full-Length cDNA*, 2 Molecular and Cellular Biology 161-170 (1982) ("Okayama")
EX1025	Bruce Alberts, et al., "Chapter 6 How Cells read the Genome: From DNA To Protein," *Molecular Biology of the Cell*, Garland Science 299-335 (4th ed. 2002)
EX1026	Assignment Record for U.S. Patent 8,298,767
EX1027	10x Genomics Legal Notice

Exhibit #	Description
EX1028	Declaration of Sylvia D. Hall-Ellis, Ph.D.
EX1029	US Patent No. 8,835,358 B2
EX1030	S. Clancy et al., *Translation: DNA to mRNA to Protein*, Nature Education (2008), at https://www.nature.com/scitable/topicpage/translation-dna-to-mrna-to-protein-393/
EX1031	Cole Trapnell, *Defining cell types and states with single-cell genomics*, 25(10) Genome Research 1491-1498 (2015) ("Trapnell")
EX1032	Gerard Brady et al., *Representative in Vitro cDNA Amplification From Individual Hemopoietic Cells and Colonies*, 2 Methods in Molecular and Cellular Biology 17-25 (1990) ("Brady")
EX1033	James Eberwine et al., *Analysis of gene expression in single live neurons*, 89 Proc. Natl. Acad. Sci. 3010-3014 (1992) ("Eberwine")
EX1034	Maria de Fatima Bonaldo et al., *Normalization and Subtraction: Two Approaches to Facilitate Gene Discovery*, 6(9) Genome Research 791-806 (1996) ("Bonaldo")
EX1035	Sydney Brenner et al., *In vitro cloning of complex mixtures of DNA on microbeads: Physical separation of differentially expressed cDNAs*, 97.4 Proceedings of the Nat'l Academy of Sci. 1665-1670 (2000) ("Brenner")
EX1036	David H. Persing, *Polymerase Chain Reaction: Trenches to Benches*, J. of Clinical Microbiology 1281-1285 (1991) ("Persing")
EX1037	Kazuki Kurimoto et al., *An improved single-cell cDNA amplification method for efficient high-density oligonucleotide microarray analysis*, 34(5) Nucleic Acids Research 1-17 (2006) ("Kurimoto")
EX1038	Shigeyuki Esumi et al., *Method for single-cell microarray analysis and application to gene-expression profiling of GABAergic neuron progenitors*, 60 Neuroscience Research 439-451 (2008) ("Esumi")
EX1039	Y. Shibata et al., *Cloning Full-length, Cap-Trapper-Selected cDNAs by Using the Single-Strand Linker Ligation Method*, 30(6) Biotechniques 1250-1254 (2001) ("Shibata")
EX1040	U.S. Patent Application 2004/0166499

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EX1041	Athina Gkazi, *An Overview of Next-Generation Sequencing*, Technology Networks Genomics Research at Figure 2 (March 17, 2021) at https://www.technologynetworks.com/genomics/articles/an-overview-of-next-generation-sequencing-346532
EX1042	Rami Sukarieh, *Relocalization of elF4E by its binding partners upon stress*, Figure 2 (August 2009) at https://www.researchgate.net/publication/41663010_Relocalization_of_eIF4E_by_its_binding_partners_upon_stress
EX1043	Clyde A. Hutchinson, *DNA sequencing: bench to bedside and beyond*, 35(18) Nucleic Acids Research 6227-6237 (2007) ("Hutchinson")
EX1044	Beáta G Vértessy and Judit Tóth, *Keeping Uracil Out of DNA: Physiological Role, Structure and Catalytic Mechanism of dUTPases*, Acc Chem Res. 1-20 (2009) ("Vértessy")
EX1045	Elaine R. Mardis, *Next-Generation DNA Sequencing Methods*, 9 Annual Review Genomics and Human Genetics 387-402 (2008) ("Mardis")
EX1046	Jay Shendure and Hanlee Ji, *Next-Generation DNA Sequencing*, 26(10) Nature Biotechnology 1135-1145 (2008) ("Shendure")
EX1047	Elaine R. Mardis, *The impact of next-generation sequencing technology on genetics*, 24(3) Trends in Genetics 133-141 (2008) ("Mardis 2")
EX1048	Robert A. Holt and Steven J.M. Jones, *The new paradigm of flow cell sequencing*, 18(6) Genome Research 839-846 (2008) ("Holt")
EX1049	National Human Genome Research Institute, *Nucleotide* (March 21, 2023) at https://www.genome.gov/genetics-glossary/Nucleotide
EX1050	National Human Genome Research Institute, *Polymerase Chain Reaction* (March 21, 2023) at https://www.genome.gov/genetics-glossary/Polymerase-Chain-Reaction
EX1051	Plaintiffs, Becton, Dickinson and Company and Cellular Research, Inc.'s First Amended Complaint, *Becton, Dickinson and Company and Cellular Research, Inc. v. 10X Genomics, Inc.*, C.A. No. 18-1800-RGA (Feb 08, 2019 D. Del.) (No. 15)

Exhibit #	Description
EX1052	Exhibits 26 and 27 attached with Plaintiffs' First Amended Complaint, *Becton, Dickinson and Company and Cellular Research, Inc. v. 10X Genomics, Inc.*, C.A. No. 18-1800-RGA (Feb 08, 2019 D. Del.) (No. 15-3)
EX1053	US 9,708,659 B2
EX1054	Georgi K. Marinov et. al, *From single-cell to cell-pool trancriptomes: Stochasticaly in gene expression and RNA splicing*, 24.3 Genome Research 496-510 (2014) ("Marinov")
EX1055	United States Patent Application Publication to McCloskey et al. ("McCloskey II")
EX1056	Boris Hollas and Rainer Schuler, *A Stochastic Approach to Count RNA Molecules Using DNA Sequencing Methods*, 2812 Algorithms in Bioinformatics 55-62 (2003) ("Hollas")
EX1057	Intentionally left blank.
EX1058	Intentionally left blank.
EX1059	Intentionally left blank.
EX1060	Reinhard Stöger, *Epigenetics and Obesity*, 9(12) Pharmacogenomics 1851-1860 (2008) at https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2652025/ ("Stöger")
EX1061	Diane P. Genereux et. al, *Errors in the Bisulfite Conversion of DNA: Modulating Inappropriate- and Failed-Conversion Frequencies*, 36 Nucleic Acids Research (2008) ("Genereux")
EX1062	Pierre Nicolas et. al., *The Stem Cell Population of the Human Colon Crypt: Analysis via Methylation Patterns*, 3 Plos Computational Biology 0364-0374 (2007) ("Nicolas")
EX1063	"Using Multiplex Identifier (MID) Adaptors for the GS FLX Titanium Chemistry Basic MID Set" Genome Sequencer FLX System, Technnical Bulletin 004-2009, (Apr. 1, 2009) pp. 1-7. http://454.com/downloads/my454/documentation/technical-bulletins/TCB-09004 Using MultiplexIdentifierAdaptorsForTheGSFLXTitaniumSeriesChemistry-BasicMIDSet.pdf.

Exhibit #	Description
EX1064	Transcript of the deposition of Gregory Cooper, Ph.D., taken on December 20, 2023, in *Parse Biosciences, Inc. v. 10x Genomics, Inc.*, Case IPR2023-00876
EX1065	Declaration of Edward R. Reines in support of pro hac vice motion
EX1066	*In re Reines* Federal Circuit decision, 14-MA0004
EX1067	Personal Statement of Edward R. Reines, Fed. Cir. 14-MA004

Respectfully submitted,

WEIL, GOTSHAL AND MANGES LLP

Dated: February 16, 2024

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CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of **PETITIONER PARSE BIOSCIENCES, INC'S UPDATED EXHIBIT LIST** was served in its entirety on February 16, 2024, via electronic email pursuant to 37 C.F.R. § 42.6(e) to the counsel for 10x Genomics, Inc. at the addresses below:

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