UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Foresight Diagnostics Inc.,
Petitioner,

v.

Personalis, Inc.,
Patent Owner

Case No. IPR2023-00546
U.S. Patent No. 10,450,611

PETITIONER'S CORRECTED EXHIBIT LIST

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CORRECTED PETITIONER'S EXHIBIT LIST

Ex. 1001	U.S. Patent No. 10,450,611 issued to West *et al.*
Ex. 1002	Rebecca J. Leary *et al.*, "Development of Personalized Tumor Biomarkers Using Massively Parallel Sequencing," *Science Translational Medicine* (2010) (***Leary***)
Ex. 1003	Quake *et al.*, WO 2011/057061 (***Quake***)
Ex. 1004	Unused
Ex. 1005	Andreas Gnirke *et al.*, "Solution hybrid selection with ultra-long oligonucleotides for massively parallel targeted sequencing," *Nature Biotechnology* (2009) (***Gnirke***)
Ex. 1006	Florian Mertes *et al.*, "Targeted enrichment of genomic DNA regions for next-generation sequencing, Briefings in Functional Genomics," *Briefings in Functional Genomics* (2011) (***Mertes***)
Ex. 1007	Lira Mamanova *et al.*, "Target-enrichment strategies for next-generation sequencing," *Nature* (2010) (***Mamanova***)
Ex. 1008	Unused
Ex. 1009	Unused
Ex. 1010	*Personalis v. Foresight*, First Amended Complaint, D. Colo., Case No. 1:22-v-01913, Dkt. 9, filed August, 17, 2022 ("FAC")
Ex. 1011	Unused
Ex. 1012	Timothy J. Ley *et al.*, "DNA sequencing of a cytogenetically normal acute myeloid leukaemia genome," *Nature* (2008) (***Ley***)
Ex. 1013	Jay Shendure & Hanlee Ji, "Next-generation DNA sequencing," *Nature Biotechnology* (2008) (***Shendure***)
Ex. 1014	Jeffrey S. Ross and Maureen Cronin, "Whole Cancer Genome Sequencing by Next-Generation Methods," *American Journal of Clinical Pathology* (2011) (***Ross***)

Ex. 1015	David J. McBride, et al., "Use of Cancer-Specific Genomic Rearrangements to Quantify Disease Burden in Plasma from Patients with Solid Tumors," *Genes, Chromosomes & Cancer* (2010) (***McBride***)
Ex. 1016	Unused
Ex. 1017	Unused
Ex. 1018	Unused
Ex. 1019	https://www.genome.gov/about-genomics/fact-sheets/DNA-Sequencing-Costs-Data
Ex. 1020	Unused
Ex. 1021	Unused
Ex. 1022	Unused
Ex. 1023	*Curriculum Vitae* of John Quackenbush
Ex. 1024	https://www.garvan.org.au/research/kinghorn-centre-for-clinical-genomics/learn-about-genomics/for-gp/genetics-refresher-1/types-of-variants
Ex. 1025	Unused
Ex. 1026	Unused
Ex. 1027	Hugo Lam, et al., "Performance comparison of whole-genome sequencing platforms," *Nature Biotechnology* (2012) (***Lam***)
Ex. 1028	Illumina, Technical Note: Sequencing
Ex. 1029	Illumina, Specification Sheet: Illumina Sequencing
Ex. 1030	Unused
Ex. 1031	Matthew Meyerson, et al., "Advances in understanding cancer genomes through second-generation sequencing," *Nature Reviews* (2010) (***Meyerson***)

Ex. 1032	Unused
Ex. 1033	Unused
Ex. 1034	Unused
Ex. 1035	Unused
Ex. 1036	Unused
Ex. 1037	Infringement Claim Chart for U.S. Patent No. 10,450,611; Ex. D to Patent Owner's FAC
Ex. 1038	Unused
Ex. 1039	Unused
Ex. 1040	D. Sims *et al.*, "Sequencing depth and coverage: key considerations in genomic analyses," Nature Reviews: Genetics (2014) (***Sims***)
Ex. 1041	H. Li, "Mapping short DNA sequencing reads and calling variants using mapping quality scores," Genome Res. (2008) (***Li***)
Ex. 1042	Ley Supplemental Information
Ex. 1043	A. Newman *et al.*, "Integrated digital error suppression for improved detection of circulating tumor DNA," Nature Biotechnology (2016) (***Newman***)
Ex. 1044	A. Newman *et al.*, "An ultrasensitive method for quantitating circulating tumor DNA with broad patient coverage," Nature Medicine (2014) (***Newman 2014***)
Ex. 1045	Newman Supplementary Excel Spreadsheet
Ex. 1046	M. Clark *et al.*, "Performance comparison of exome DNA sequencing technologies," Nature Biotechnology (2011) (***Clark***)
Ex. 1047	Illumina MiSeq Worksheet (2015)

Ex. 1048	Genbank Record for CDH24
Ex. 1049	Genbank Record for SLC15A1
Ex. 1050	Genbank Record for KNDC1
Ex. 1051	Genbank Record for PTPRT
Ex. 1052	Genbank Record for GRINL1B
Ex. 1053	Genbank Record for ADGRA1 (GPR123)
Ex. 1054	Genbank Record for GPR183 (EBI2)
Ex. 1055	Genbank Record for CDHR2 (PCLKC)
Ex. 1056	Genbank Record for FLT3
Ex. 1057	Genbank Record for NPM1
Ex. 1058	Genbank Record for BRCA2
Ex. 1059	Genbank Record for TP53
Ex. 1060	Newman Declaration
Ex. 1061	Quackenbush Declaration
Ex. 1062	U.S. Patent No. 11,299,783, issued to West *et. al.*
Ex. 1063	Unused
Ex. 1064	Unused
Ex. 1065	Unused
Ex. 1066	Unused
Ex. 1067	Unused
Ex. 1068	Unused
Ex. 1069	Unused

Ex. 1070	Unused
Ex. 1071	R. Burrell, et al., "The causes and consequences of genetic heterogeneity in cancer evolution," Nature (2013) ***(Burrell)***
Ex. 1072	Unused
Ex. 1073	C. Haferlach, et al., "Mutations of the TP53 gene in acute myeloid leukemia are strongly associated with a complex aberrant karyotype," Leukemia (2008) ***(Haferlach)***
Ex. 1074	S. Misawa, et al., "Significance of chromosomal alterations and mutations of the N-RAS and TP53 genes in relation to leukemogenesis of acute myeloid leukemia," Leukemia Research (1998) ***(Misawa)***
Ex. 1075	S. Davies, et al., "Indications for Hematopoietic Cell Transplantation in Acute Leukemia," Biology of Blood and Marrow Transplantation (2008) ***(Davies)***
Ex. 1076	Unused
Ex. 1077	D. Bentley, et al., "Accurate whole human genome sequencing using reversible terminator chemistry," Nature (2008) ***(Bentley)***

Dated: February 22, 2023

Respectfully submitted,

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CERTIFICATE OF SERVICE

I hereby certify, pursuant to 37 C.F.R. section 42.6, that on February 22, 2023, a complete copy of **PETITIONER 'S CORRECTED EXHIBIT LIST** was served upon the following, by ELECTRONIC MAIL:

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Courtesy copies were also sent to Patent Owner's counsel of record in the related district court litigation at the following addresses:

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By: /*Julia K. Griffin*/
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