

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

INTEGRATED DNA TECHNOLOGIES, INC.,
Petitioner,

v.

TECAN GENOMICS, INC.,
Patent Owner

Case No. IPR2024-01506
U.S. Patent No. 11,725,241

PATENT OWNER'S UPDATED EXHIBIT LIST

IPR Ex.	Description
2001	Alkan, C., Sajjadian, S., and Eichler, E., "Limitations of next-generation genome sequence assembly," <i>Nature Methods</i> , Vol.8, No.1, January 2011
2002	Chiasson, M.J.P., Wilson, R.K, Eichler, E.E., "Genetic variation and the <i>de novo</i> assembly of human genomes," <i>Nature Reviews</i> , Vol. 16, November 2015
2003	U.S. Patent Publication No. 2002/0145380 A1 to Doan, et al.
2004	Goodwin, S., McPherson, J.D., McCombie, W.R., "Coming of age: ten years of next-generation sequencing technologies," <i>Nature Reviews</i> , Vol. 17, June 2016
2005	Kanagawa, T., "Bias and Artifacts in Multitemplate Polymerase Chain Reactions (PCR)," <i>Journal of Bioscience and Bioengineering</i> , Vol. 96, No. 4, 2003
2006	Mamanova, L., Coffey, A.J., Scott, C.E., Kozarewa, I., Turner, E.H., Kumar, A., Howard, E., Shendure, J., and Turner, D.J., "Target-enrichment strategies for next-generation sequencing," <i>Nature Methods</i> , Vol. 7, No. 2, February 2010
2007	Nakamura, K., Oshima, T., Morimoto, T., Ikeda, S., Yoshikawa, H., Shiwa, Y., Ishikawa, S., Linak, M.C., Hirai, A., Takahasi, H., Altaf-Ul-Amin, Ogasawara, N., and Kanaya, S., "Sequence-specific error profile of Illumina sequencers," <i>Nucleic Acids Research</i> , Vol. 39, No. 13, 2011
2008	Sanger, F., Nicklen, S., and Coulson, A.R., "DNA sequencing with chain-terminating inhibitors," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 74, No. 12, December 1977
2009	Satam, H., Joshi, K., Mangrolia, U., Waghoo, S., Zaidi, G., Rawool, S., Thakare, R.P., Banday, S., Mishra, A.K., Das, G., Malonia, S.L, "Next-Generation Sequencing Technology: Current Trends and Advancements," <i>Biology</i> Vol. 997, No. 12, 2023
2010	Whiteford, N., Skelly, T., Curtis, C., Ritchie, M.E., Löhr, A., Zaranek, A.W., Abnizova, I., Brown, C., "Swift: Primary Data Analysis for the Illumina Solexa Sequencing Platform," <i>Bioinformatics</i> , Vol. 25, No. 16, 2009
2011	Capurro, A., Bodea, L., Schaefer, P., Luthi-Carter, R., and Perreau, V.M., "Computational deconvolution of genome wide expression data from Parkinson's and Huntington's disease brain tissues using population-specific expression analysis," <i>Frontiers in Science</i> , Vol. 8, January 2015

2012	Carr, R., Shen-Orr, S.S., Borenstein, E., “Reconstructing the Genomic Content of Microbiome Taxa through Shotgun Metagenomic Deconvolution,” <i>PLOS Computational Biology</i> , Vol. 9, Issue 10, October 2013
2013	Wang, N., Gong, T., Clarke, R., Chen, L., Shih, L., Zhang, Z., Levine, D.A., Xuan, J., Wang, Yue, “UNDO: a Bioconductor R package for unsupervised deconvolution of mixed gene expressions in tumor samples,” <i>Bioinformatics</i> , Vol. 31, No. 1, 2015
2014	Wong, K.H, Jin, Y., Moqtaderi, Z., “UNDO: a Bioconductor R package for unsupervised deconvolution of mixed gene expressions in tumor samples,” <i>Current Protocols in Molecular Biology</i> , January 2013
2015	Mardis, E.R., “DNA sequencing technologies: 2006–2016,” <i>Nature Protocols</i> , Vol. 12, No. 12, 2017
2016	Disclaimer in a Patent Under 37 C.F.R. § 1.321(a) for U.S. Patent No. 11,725,241

CERTIFICATE OF SERVICE

The undersigned hereby certifies that a copy of the foregoing **PATENT OWNER'S UPDATED EXHIBIT LIST** was served on August 6, 2025 via email to Petitioner by serving the correspondence email addresses of record as follows:

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August 6, 2025

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