



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 81 29 53

Classification of the application (IPC):
C12Q 1/6874, G16B 20/30, C12Q 1/6869, G16B 25/20, G11C 13/04,
G11C 13/00

Technical fields searched (IPC):
C12Q

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	PIHLAK A ET AL: "Rapid genome sequencing with short universal tiling probes" <i>NATURE BIOTECHNOLOGY</i> , <i>NATURE PUBLISHING GROUP US</i> , <i>NEW YORK</i> , 01 June 2008 (2008-06-01), vol. 26, no. 6, DOI: 10.1038/NBT1405, ISSN: 1087-0156, pages 676-684, XP002601637 * abstract; fig. 1, 2; "Methods" section from p. 681; "Discussion" section from p. 680 *	1-15
X,P	WO 2019108853 A1 (XGENOMES CORP [US]) 06 June 2019 (2019-06-06) * claims; figures; par. 92, 430-436; examples *	1-3, 5-10, 14, 15
X A	US 2004033510 A1 (BENSIMON AARON [FR] ET AL) 19 February 2004 (2004-02-19) * claims; fig. 11, 12; examples; par. 7-26, 35-37, 90-95, 111-113, 206-208 *	14, 15 1-13
A	PAUL M LIZARDI: "Next-generation sequencing-by-hybridization" <i>NATURE BIOTECHNOLOGY</i> , 01 June 2008 (2008-06-01), vol. 26, no. 6, DOI: 10.1038/nbt0608-649, pages 649-650, XP055154438 * the whole document *	1-15
A	GLENN E. PALOMAKI ET AL: "DNA sequencing of maternal plasma to detect Down syndrome: An international clinical validation study" <i>GENETICS IN MEDICINE</i> New York 01 November 2011 (2011-11-01), vol. 13, no. 11, DOI: 10.1097/GIM.0b013e3182368a0e, ISSN: 1098-3600, pages 913-920, XP055228393 * p. 913, second column, second par. of introductory section prior to "Materials and Methods" section *	1-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 22 May 2023	Examiner Fischer, V
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
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A	<p>NAZARI ZEINAB ESMAIL ET AL: "Molecular Combing of DNA: Methods and Applications" <i>JOURNAL OF SELF ASSEMBLY AND MOLECULAR ELECTRONICS</i>, 01 January 2013 (2013-01-01) URL: https://www.journal.riverpublishers.com/index.php/jsame/article/download/190/236 , ISSN: 2245-4551, XP093038930 * abstract; section "6.1 A Tool in Genomic Studies" from p. 142 *</p>	1-15
A	<p>C. VRANKEN ET AL: "Super-resolution optical DNA Mapping via DNA methyltransferase-directed click chemistry" <i>NUCLEIC ACIDS RESEARCH</i> GB 21 January 2014 (2014-01-21), vol. 42, no. 7, DOI: 10.1093/nar/gkt1406, ISSN: 0305-1048, pages e50-e50, XP055230984 * abstract; fig. 3 *</p>	1-15
A	<p>NIEVES DANIEL ET AL: "DNA-Based Super-Resolution Microscopy: DNA-PAINT" <i>GENES</i>, 11 December 2018 (2018-12-11), vol. 9, no. 12, page 621 URL: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6315775/pdf/genes-09-00621.pdf , XP093040230 * the whole document *</p>	1-15

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Place of search Munich	Date of completion of the search 22 May 2023	Examiner Fischer, V
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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