

IPC klassifisering / IPC classification: C12Q 1/68 (200601)	
PCT minimumsdokumentasjon gransket / PCT minimum documentation searched: C12Q	
Gransket utover PCT minimumsdokumentasjon / Documentation searched other than PCT minimum: NO, FI, DK, SE	
Elektroniske databaser / Electronic databases: PATGRANSK, EPODOC, (H)CAPLUS, BIOSIS, MEDLINE, EMBASE, ELSEVIER(XPESP), EPOQUE FULLTEKST PATENT, WPI, DGENE, REGISTRY, GENOMEQUEST	
Grunnlag for rapporten / Basis of report:	
Beskrivelse mottatt / Description received:	2013.04.08
Krav mottatt / Claims received:	2013.04.08
Tegninger mottatt / Drawings received:	2013.04.08
Antall krav totalt / Total number of claims: 23	
Krav som ikke er gransket, se kommentarer / Claims not searched, see comments: 13 (delvis/partly)	
Kommentarer (norsk) / Comments (Norwegian): På grunn av uklare uttrykk anvendt i krav 13 er kravet kun delvis gransket, jf. pl § 8 annet ledd første setning. Kravsettet omfatter to oppfinnelser, jf pl § 10: oppfinnelse 1 (1-13, 19, 21 og delvis kravene 18, 20, 22-23); oppfinnelse 2 (14-17 og delvis 18, 20, 22-23). Begge oppfinnelsene er gransket.	
Comments (English): Due to unclear terms used in claim 13, the claim is partly searched, see Patent Act Section 8 subdivision 2 (1). The patent claims disclose 2 non-unitary inventions, Patent Act § 10: invention 1 (1-13, 19, 21 and partly 20, 22-23); invention 2 (14-17 and partly 18,20, 22-23). Both inventions have been searched.	

Kategori / Category*	Anførte publikasjoner: Cited documents:	Relevant mot krav Relevant to claim(s)
A	GYLLENSTEN, U.B. & ERLICH, H.A. Generation of single stranded DNA by the polymerase chain reaction and its application to direct sequencing of the HLA-DQA locus, PNAS, 1988, Vol. 85, Nr. 20, s. 7652-7656. Hele	1-12, 18-23
A	PIERCE, K.E. et al., Linear-after-the -exponential (LATE)-PCR: primer design criteria for high yields of specific single-stranded DNA and improved real-time detection, PNAS, 2005, Vol. 102, No. 24, s. 8609-8614. Hele	1-12, 18-23
A	US 2010129796 A (HALPERN, M.), 2010.05.27, kravsettet	1-12, 18-23
A	WO 2012033875 A2 (UNIV BRANDEIS), 2012.03.15, kravsettet	1-12, 18-23
Y	side 11 siste avsnitt; kravene 8, 19	14-17, 18, 20, 22-23
A	US 20100304444 A1 (MORLEY, A.A.), 2010.12.02, avsnitt [0039], kravsettet, figur 1 og figur 2	1-12, 18-23
A	US 2012164651 A (KAZAKOV, S.A.), 2012.06.28, avsnitt [0038], figurene 6A og 6B, tabell 1	1-12, 18-23
AD	PENDAS, P. et al., Applications of 5S rDNA in Atlantic salmon, brown trout, and in Atlantic salmon x brown trout hybrid identification, Molecular Ecology, 1995, Vol. 4, Nr. 2, s. 275-276 Hele	13, 21
A	TOGNOLI, C. et al., Identification of fish species by 5S rRNA gene amplification, Food Chemistry, 2011, Vol. 129, s. 1860-1864. Hele	13, 21
A	WO 2011009975 A2 (UNIV CADIZ), 2011.01.27, SEK ID NR 14, eksempel 1	13, 21
A	ES 2398811 A2 (UNIV PAIS VASCO), 2013.03.21, SEK ID NR 2, eksempel 1	13, 21
YD	YANO, A. et al., An immune-related gene evolved into the master sex-determining gene in rainbow trout, Oncorhynchus mykiss, Current Biology, August 2012,	14-18, 20, 22-23

	Vol. 22, Nr. 15, s. 1423-1428. "Supplemental information" avsnitt "Characterization of sdY Sex Linkage in Salmonides".	
Y	Bio-Rad http://www.bio-rad.com/en-no/applications-technologies/pcr-assay-design-optimization [hentet fra internett 2013.11.02] hele dokumentet	14-18, 20, 22-23
Y	MA, H. et al., Characterization of the Rainbow Trout egg microRNA transcriptome, PLoS ONE, 2012, Vol. 7, Nr. 6, side 1-7. 5-6 avsnitt "Validation and analysis of novel miRNA expression".	14-18, 20, 22-23

*Dokumentkategori: X: særlig relevant alene Y: særlig relevant dersom det kombineres med annet dokument i samme kategori A: bakgrunnsteknikk D: anført i beskrivelsen P: mellomliggende dokument E: tidligere patentdokument, men publisert etter inngivelsesdagen til søknaden O: ikke-skriftlig materiale T: teori eller prinsipp som ligger til grunn for oppfinnelsen L: dokument anført av andre grunner &: publisasjon i samme patentfamilie	*Category of cited document: X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background D: document cited in the application P: intermediate document E: earlier patent document, but published after the filing date of the application O: non-written disclosure T: theory or principle underlying the invention L: document cited for other reasons &: member of the same family
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Rapport utferdiget / Date of report: 2013.11.11 av/by Elen Margrethe Brendeford
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