







































Ucl Saint-Lac	cleft etiology	doora
is highly het	erogenous	
isolated		
syndromic	 > 300 syndromes > 75% known etiology - cytogenetic abnormalities : chromosomal, CNVs - monogenic (> 150 genes) - teratogens 	
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Uct Saint-Luc	common variants in and near <i>IRF6</i> are associated with isolated cleft		
	<section-header><section-header><section-header><section-header><section-header><text></text></section-header></section-header></section-header></section-header></section-header>	1q32 locus	
		terreter benef of Homes Genetic (200) 11: 129: 132 C200 Watch Adding Gray: All right second 101441105 1300 SHORT REPORT Interferon regulatory factor.6: a gene predisposing	
		to isolated cleft lip with or without cleft palate in the Belgian population	
		$Michella Ghassibé^1, Benedicte Bayet^2, Nicole Revencu^{1,3}, Christine Verellen-Dumoulin^3, Yves Gillerot^1, Romain Vanwijck^4 and Miikka Vikkula^{+1}$	
		, ,	









isolated cleft lip / palate : some l	nave monogenic origin				
the line between syndromic and non-syndromic clefts is blurred WES : genes involved in syndromes can also be involved in isolated cleft lip/palate					
Whole exome sequencing identifies mutations in 10% of patients with familial non-syndromic cleft lip and/ or palate in genes mutated in well-known syndromes Mirta Basha, ¹ Bénédicte Demeer, ^{1,2,3} Nicole Revercu, ^{1,4} Raphael Helaers, ¹ Stephanie Theys, ² Sami Bou Saba, ⁶ Odlie Boute, ¹ Bernard Devauchelle, ⁸ Geneviève Francois, ⁹ Bénédicte Bayet, ¹⁰ Milkka Vikkula ¹ J Med Genet. 2018 Jul;55(7):449-458	 106 individuals from 63 families mutations identified in 7 families <i>TBX1</i> <i>TBX22</i> (2 families) 				
Residue 2 May 2018 Revised 15 August 2018 Accepted 17 August 2018 DOI: 10.1002/regs.40000 WILEY medical genetics III RESEARCH ARTICLE Unmasking familial CPX by WES and identification of novel clinical signs	 <i>LRP6</i> <i>GRHL3</i> (2 families) <i>TP63</i> 				
Bénédicte Demeer ^{12,3} Nicole Revencu ^{1,4} Raphael Helaers ¹ Bernard Devauchelle ^{3,5} Geneviève Francols ⁶ Bénédicte Bayet ⁷ Milikka Vikkula ¹					
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