

Supplementary Table 1. Long-contiguous stretch of homozygosity (LCSH), previously reported as commons in different population. The three FA patients showed LCSH >3Mb in various autosomes, depicted as present.

FANC32	FANC143	FA155	Locus	Coordinates	Size(Mb)	Population	References
Present			1p33p32.3	chr1:49,205,205 - 53,121,054	3.9	California, USA CEU, Hispanic. Florianopolis, Brazil CEU	Kearney/Sanchez, personal communication 2017 in Chaves <i>et al.</i> , 2019
Present			1q21.2q21.3	chr1:147,215,796 - 150,287,884	3.1	California, USA CEU, Hispanic. Florianopolis, Brazil CEU	Kearney/Sanchez, personal communication 2017 in Chaves <i>et al.</i> , 2019
Present		Present	3p21.33p21.1	chr3:48,787,219 - 50,483,437	1.7	California, USA CEU, Hispanic	Wang <i>et al.</i> , 2015
		Present	6p22.3p21.31	chr6:26,184,041 - 30,071,279	3.9	Estonia	Pajusalu <i>et al.</i> , 2015
	Present	Present	7q11.22q11.23	chr7:76,128,151- 71,997,278	4.1	Florianopolis, Brazil CEU	Chaves <i>et al.</i> 2019
	Present		11p11.2q12.1	chr11:46,342,376 - 51,274,692	4.9	California, USA CEU, hispanic	Wang <i>et al.</i> , 2015
Present			20q11.21q11.23	chr20:31,940,638 - 36,081,725	4.1	Taipei, Taiwan Han Chinese, Taiwanese, CEU California, USA CEU, Hispanic. Florianopolis, Brazil CEU	Ling-Hui <i>et al.</i> , 2006/ Kearney/Sanchez, personal communication 2017 in Chaves <i>et al.</i> , 2019

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