

Supplement

**Table S1.** Genotypes of Latvian CF patients diagnosed between 1997 and 2022 and information about these genotypes held in the CFTR2 database (last updated April 29, 2022).

Genotype according to traditional nomenclature	1 <sup>st</sup> allele according to HGVS	2nd allele according to HGVS	N	%	Genotype described in n individuals cftr2.org database	Pancreatic function reported cftr2.org database <sup>a</sup>
F508del/F508del	c.1521_1523delCTT p.(Phe508del)	c.1521_1523delCTT p.(Phe508del)	34	48.5	33,984	PI (2%PS)
F508del/3849+10kb C>T	c.1521_1523delCTT p.(Phe508del)	c.3718-2477C>T p.(?)	2	2.8	260	PS (35%PI)
F508del/W1282R	c.1521_1523delCTT p.(Phe508del)	c.3844T>C p.(Trp1282Arg)	1 (2 sibs)	2.8	Second variants not reported in cftr2.org	NA
F508del/W1282X	c.1521_1523delCTT p.(Phe508del)	c.3846G>A p.(Trp1282Ter)	1	1.4	770	PI(2%PS)
F508del/R1066H	c.1521_1523delCTT p.(Phe508del)	c.3197G>A p.(Arg1066His)	3	4.2	56	PS(31%PI)
F508del/2143delT	c.1521_1523delCTT p.(Phe508del)	c.2012delT p.(Leu671Ter)	1	1.4	66	PI(6%PS)
F508del/dele 2,3	c.1521_1523delCTT p.(Phe508del)	c.54-5940_273+10250del21kb p.(Ser18ArgfsX16)	2	2.8	260	PI(0%PS)
F508del/W57R	c.1521_1523delCTT p.(Phe508del)	c.169T>C p.(Trp57Arg)	2	2.8	Second allele not reported	
F508del/394delTT	c.1521_1523delCTT p.(Phe508del)	c.262_263delTT p.(Leu88IlefsX22)	1	1.4	209	PI(2%PS)
F508del/2184insA	c.1521_1523delCTT p.(Phe508del)	c.2052dupA p.(Gln685ThrfsX4)	1	1.4	220	PI(13%PS)
F508del/ CFTRdup6b-10	c.1521_1523delCTT p.(Phe508del)	c.(743+1_744-1)_(1584+1_1585-1)dup p.(?)	1 (2 sibs)	2.8	13	PI(0%PS)
F508del/del6-10	c.1521_1523delCTT p.(Phe508del)	c.(743+1_744-1)_(1584+1_1585-1)del p.(?)	1 (2 sibs)	2.8	Second allele not reported	
F508del/L1335Pro	c.1521_1523delCTT p.(Phe508del)	c.4004T>C p.(Leu1335Pro)	2	2.8	11	55% PI/45%PS
F508del/L138ins	c.1521_1523delCTT p.(Phe508del)	c.413_415dupTAC p.(Leu138dup)	1	1.4	Not reported genotype	
F508del/621+1G>T	c.1521_1523delCTT p.(Phe508del)	c.489+1G>T p.(?)	1	1.4	884	PI
F508del/R334W	c.1521_1523delCTT p.(Phe508del)	c.1001G>A p.Arg334Gln	1	1.4	231	PS

F508del/A455E	c.1521_1523delCTT p.(Phe508del)	c.1364C>A p.Ala455Glu	1	1.4	355	PS (33% PI)
W1282R/2143delT	c.3844T>C p.Trp1282Arg	c.2012delT p.Leu671Ter	1	1.4	Not re- ported sec- ond allele	Pancreas function <sup>a</sup>
Dele2,3/dele2,3	c.54- 5940_273+10250del21kb p.(Ser18ArgfsX16)	c.54- 5940_273+10250del21kb p.(Ser18ArgfsX16)	1	1.4	17	PI (6%PS)
1677delTA/1677delTA	c.1545_1546delTA p.(Tyr515ter)	c.1545_1546delTA p.(Tyr515ter)	1	1.4	32	PI (0%PS)
Dele2,3/P67L	c.54- 5940_273+10250del21kb p.Ser18ArgfsX16	c.200C>T p.Pro67Leu	1	1.4	Not re- ported genotype	
W1282X/R553X	c.3846G>A p.Trp1282X	c.1657C>T p.Arg553X	1 (2 sibs)	2.8	7	PI (14%PS)
Ser168Ter/Leu1335Pro	c.503C>A p.Ser168Ter	c.4004T>C p.Leu1335Pro	1	1.4	Second al- lele not re- ported	
F508del/NA	c.1521_1523delCTT p.(Phe508del)	-	3	4.2	NA	
R553X/NA	c.1657C>T p.Arg553X	=	1	1.4	NA	

<sup>a</sup>Pancreas function data gained from the cfr2.org database from reported patients; PI – pancreas insufficient, PS – pancreas sufficient, NA – not available or detected.