Supplementary file 1

Table 1. Clinical and laboratory results of common genotypes in patients with cystic fibrosis.

	Genotype			Sex		Clinical presentations at onset time			Clinical presentations at lifespan				Sweat Test	Age at onset time	Outcome	
Genotypes	Homozygote	Heterozygote	Compound heterozygous	Male	Female	Chronic sinopulmonary	Gastrointestinal and nutritional	Salt loss syndromes	Chronic sinopulmonary disease	Gastrointestinal and nutritional	Salt loss syndromes	Urogenital abnormalities	mEq/L	Median (IQR) Months	Deceased Patients	Living Patients
Homozygote ΔF508	43 (61.4)	-	-	19 (44.2)	24 (55.8)	17 (39.5)	23 (53.5)	3 (7.0)	36 (83.7)	42 (97.7)	22 (51.2)	0 (0)	97.2 ± 2.0	30 (0.03-1135)	19 (44.2)	24 (55.8)
Heterozygote ΔF508	-	24 (34.2)	-	8 (33.3)	16 (66.7)	8 (33.3)	15 (62.5)	1 (4.2)	19 (79.2)	24 (100)	17 (70.8)	0 (0)	97.7± 2.1	42 (0.03-240)	5 (20.8)	19 (79.2)
Compound heterozygote ΔF508	-	-	3 (4.2)	1 (33.3)	2 (66.7)	3 (100)	0 (0)	0 (0)	3 (100)	2 (66.7)	2 (66.7)	0 (0)	117± 1.7	18 (6-30)	0 (0)	3 (100)
All types of 1677delTA	5 (55.6)	4 (44.4)	0 (0)	6 (66.7)	3 (33.3)	7 (77.8)	2 (22.2)	0 (0)	7 (77.8)	5 (55.6)	4 (44.4)	0 (0)	69.3 ± 6.0	50 (5-75)	0 (0)	9 (100)
All types of	2	4	0	4	2	3	3	0	4	4	2	0	75.5 ±	4	3	3

G542X	(33.3)	(66.7)	(0)	(66.7)	(33.3)	(50)	(50)	(0)	(66.7)	(66.7)	(33.3)	(0)	1.4	(0.03-7.00)	(50)	(50)
All types of 2183AA-G	3 (42.9)	4 (57.1)	0 (0)	5 (71.4)	2 (28.6)	3 (42.9)	3 (42.9)	1 (14.3)	6 (85.7)	6 (85.7)	1 (14.3)	0 (0)	87 ± 2.0	2.5 (0.03-1234)	0 (0)	7 (100)
+Homozygote 1540G-A	10 (27)	-	0 (0)	7 (70)	3 (30)	2 (20)	7 (70)	1 (10)	5 (50)	9 (90)	4 (40)	0 (0)	81.7± 2.3	7.0 (1-90)	2 (20)	8 (80)
+Heterozygote 1540G-A	-	27 (72.9)	0 (0)	20 (74.1)	7 (25.9)	13 (48.1)	13 (48.1)	1 (3.7)	15 (55.6)	24 (88.9)	19 (70.4)	0 (0)	91.8 ± 2.3	28 (0.03-3290)	7 (25.9)	20 (74.1)
+Homozygote M470V	15 (100)	0 (0)	0 (0)	12 (80)	3 (20)	5 (33.3)	7 (46.7)	3 (20)	8 (53.3)	11 (73.3)	9 (60)	1 (6.7)	88.4 ± 2	6 (0.03-11315)	4 (26.7)	11 (73.3)
+Homozygote 1525-61A-G	16 (100)	0 (0)	0 (0)	5 (31.2)	11 (68.8)	4 (25)	12 (75)	0 (0)	9 (56.2)	15 (93.8)	8 (50)	0 (0)	84.4± 2.6	49 (0.77-720)	2 (12.5)	14 (87.5)
Total	108 (52.4)	81 (39.3)	17 (8.3)	116 (56.3)	90 (43.7)	85 (41.3)	109 (52.9)	12 (5.8)	146 (70.9)	180 (87.4)	108 (52.4)	1 (0.5)	91.9 ± 2.1	30 (0.03-33013)	57 (27.7)	149 (72.3)

All of data are frequency(%) exception of Sweat test and Age at onset time.-

- It is noted that the genotypes related to mutations 3849+5G-A, 406-6T-C, 4096-283T-C, E92K, R334W, 2789+5G-A, D110H, P111L, R1158X, I148T, K1177X, K1302X, 3130del A, 1393-1G-A, 1717-2A-G, F1052V, 1248+ 1G-A, 1716+1G-A, 2043delG, 218insA, 2789G-A, 3601-65C-A, A120T and S466X not mentioned because of being few in number, but were included in the calculations so it is likely that the summarize a column without showing Total.

+These variants as disease-causing mutations have been reported, and the geneticists agreed not (referred to discussion**).**