

Table S1. Results of DSA in LTRs cohort at D0, D15, M1, M3 and M12 after LTx

	Characteristic of Pathology							Collection Dates (D : Day ; M: Month)												HLA-G Typing				
								Do			D15			M1			M3					M12		
Patients	Disease	CMV Status 0: absence mismatch ; 1:D+ et R- without seroconversion; 2:D+ et R- with seroconversion; 3:D- et R+	Type of LTx	HLA mismatch	Chronic rejection	Acute rejection	DSA	DSA class I one lambda MFI	DSA class II one lambda MFI	Ab non DSA	DSA class I one lambda MFI	DSA class II one lambda MFI	Ab non DSA	DSA class I one lambda MFI	DSA class II one lambda MFI	Ab non DSA	DSA class I one lambda MFI	DSA class II one lambda MFI	Ab non DSA	DSA class I one lambda MFI	DSA class II one lambda MFI	Ab non DSA	Genotypes HLA-G	Haplotypes UTR
1	Histicocytosis	0	bilateral	8	Yes		D15	0	0	No	0	DQ3:10500 DQ5:2600	0	DQ5:8000 DQA03:9000	No	0	DQ3:5000	No	0	0	No	G*01:01,*--	UTR2, UTR4	
2	Cystic fibrosis	0	bilateral	7				0	0	No	0	0	0	0	No	0	0	No	0	0	No	G*01:01,*--	UTR1, UTR1	
3	Fibrosis	0	bilateral	8			M1	0	0	No	0	0	0	DQ7:4000	No	0	0	No	0	0	No	G*01:01,*--	UTR1, UTR1	
4	Fibrosis	3	bilateral	0		M12	D15	0	0	No	0	DR7:2500 DQ2:1500	A30:4500 DR7:5000 B13:8000 DQ2:1000 Cw4000 DR53:3000 CW5:2000	No	0	DQ2:5000, DR53:4000	No	0	0	No	G*01:01,*--	UTR1, UTR1		
5	Emphysema	0	single	3				0	0	No	0	0	0	0	No	0	0	No	0	0	No	G*01:01,*--	UTR1, UTR4	

6	Cystic fibrosis	3	bilat eral	8				0	0	No	0	0		0	0	Ye s	0	0	No	0	0	No	G*01:01,*--	UTR1, UTR2
7	Emphys ema	2	bilat eral	6				0	0	No	0	0		0	0	No	0	0	No	0	0	No	G*01:01,G*01:06	UTR2, UTR6
8	Cystic fibrosis	0	bilat eral	6			M 1	0	0	No	0	0		B44:3300 A1:2400 B8:1500	DQ2:6300	No	0	0	No	0	0	No	G*01:01,G*01:04	UTR1, UTR3
9	Emphys ema	0	bilat eral	6			D0	B7:11000	B7:11000	No	B7:13000	0		B7:7000	0	No	B7:3000	0	No	B7:3000	0	No	G*01:01,G*01:06	UTR2, UTR2
10	Cystic fibrosis	0	bilat eral	6			M 3	0	0	No	0	0		0	0	Ye s	A30:1500 DQ2:12000 DR53:3000	DQ2:12000	No	0	0	No	G*01:01,G*01:04	UTR3, UTR6
11	Emphys ema	0	bilat eral	0			D15	0	0	No	B44:5000	0		0	0	No	0	0	No	0	0	No	G*01:01,G*01:06	UTR2, UTR2
12	Cystic fibrosis	0	singl e	8		M1	D15	0	0	No	A25:4500 DQ5:10000 DQ6:13000			0	DQ5:5000 DQ6:5000	No	0	0	No	0	0	No	G*01:01,G*01:05N	UTR4, UTR3
13	Cystic fibrosis	0	singl e	7			M 1	0	0	No	0	0		B45:2000	DQ6:6000	No	0	0	No	0	0	No	G*01:01,*--	UTR1, UTR2
14	Fibrosis	0	bilat eral	8			M 1	0	0	No	0	0		0	DQ9:4900	Ye s	0	0	No	0	0	No	G*01:01,G*01:04	UTR3, UTR7
15	Cystic fibrosis	0	bilat eral	7			M 1	0	0	No	0	0		B44:5000	DQ2:14000	No	0	0	No	0	0	No	G*01:01,*--	UTR1, UTR2
16	Fibrosis	2	singl e	7				0	0	No	0	0		0	0	No	0	0	No	0	0	No	G*01:01,*--	UTR2, UTR6
17	Fibrosis	0	bilat eral	4			D15	0	0	No	0	DQ2:9000		0	DQ2:8000	No	0	DR7:4000 DQ2:12000	No	0	0	No	G*01:01,G*01:03	UTR1, UTR2

18	Cystic fibrosis	0	bilat eral	5			M 1	0	0	No	0	0	A2:31 00, B44:2 900	0	Ye s	0	0	No	0	0	No	G*01:01,*--	UTR4, UTR2
19	Cystic fibrosis	0	bilat eral	8			D1 5	0	0	Ye s	0	DQ5 :9500 DQ6 :9500	0	DQ5:75 00 DQ6:60 00	Ye s	0	DQ5:3 500	No	0	0	No	G*01:03,G* 01:06	UTR2, UTR5
20	Cystic fibrosis	0	singl e	6				0	0	No	0	0	0	0	No	0	0	No	0	0	No	G*01:01,*--	UTR1, UTR6
21	Fibrosis	0	bilat eral	0	Yes	M3	M 1	0	0	No	0	0	0	DQ2:13 000	No	0	DQ2:4 500	No	0	DQ2:6 000	No	G*01:01,G* 01:04	UTR4, UTR3
22	Emphys ema	2	bilat eral	5	Yes		D1 5	0	0	Ye s	0	DQ4:1 3000 DR8:4 000	B58:2 000	DQ4:15 000	No	0	DQ4:5 000	Ye s	0	0	Ye s	G*01:01,*--	UTR1, UTR2
23	Bronchi al Dysplasi a	3	bilat eral	7	Yes		D0	0	0	No	0	DQ7:9 000	0	DQ7:90 00	No	0	DQ7:9 000	Ye s	0	0	No	G*01:01,*--	UTR4, UTR6
24	Cystic fibrosis	0	bilat eral	0				0	0	No	0	0	0	0	No	0	0	No	0	0	No	G*01:01,G* 01:05N	UTR1, UTR2
25	Fibrosis	0	singl e	6				0	0	No	0	0	0	0	No	0	0	No	0	0	No	G*01:01,*--	UTR4, UTR7
26	Cystic fibrosis	0	bilat eral	6			D1 5	0	0	No	0	DQ7 :12000 DR12 :6000 DR52 :2500 DR11 :1500	0	DQ7:16 000 DR12:3 500 DR52:1 700	No	0	0	Ye s	0	0	No	G*01:01,*--	UTR1, UTR2
27	Emphys ema	0	singl e	7	Yes	M12	M 1	0	0	No	A2:90 00	DR8 :8000	A23:1 2000	0	No	0	0	No	0	0	No	G*01:01,*--	UTR1, UTR2
28	Cystic fibrosis	3	bilat eral	7		M3	M 1	0	0	No	0	0	A2:70 00 A24:5	DQ2:12 000	No	0	DQ2:1 0000	No	0	DQ2:6 000	No	G*01:01,*--	UTR2, UTR4

													000 B44:3 000 B38:1 5000	DR53:2 550									
29	Cystic fibrosis	1	bilat eral	7				0	0	No	0	0	0	0	No	0	0	No	0	0	No	G*01:01,G* 01:04	UTR1, UTR3
30	Cystic fibrosis	2	bilat eral	7		M3	M 1	0	0	No	0	0	A26:1 2000 A3:85 00 B7:85 00	DQ4:18 500, DR8:41 00, DR15:4 000	No	0	DQ4:1 6000	Ye s	0	0	No	G*01:01,*--	UTR1, UTR2
31	Cystic fibrosis	0	bilat eral	8	Yes		M 1	0	0	No	0	0	B8:36 00	DQ2:11 000	No	B8: 2000	0	Ye s	0	0	Ye s	G*01:01,*--	UTR7, UTR1
32	Fibrosis	3	singl e	6			D0	B27:6 000	B27:6 000	No	0	0	0	0	No	0	0	No	0	0	No	G*01:01,G* 01:04	UTR1, UTR3
33	Cystic fibrosis	0	bilat eral	0		M3	M 1	0	0	No	0	0	A31:2 000	0	No	0	0	Ye s	0	0	No	G*01:01,G* 01:06	UTR2, UTR2
34	Emphys ema	0	singl e	5			M 1	0	0	No	0	0	B8:13 000	DR17:1 4500 DQ7:13 000 DR4:45 00	No	0	0	No	0	0	No	G*01:01,*--	UTR1, UTR7
35	Fibrosis	0	bilat eral	7	Yes		M 1	0	0	No	0	0	A32: 7200	DQ9:58 00, DR12:5 500, DR7:19 00	No	A32: 5900 B57: 2000	0	No	0	0	No	G*01:01,*--	UTR1, UTR1