

Table S1: DSA specificity and peak and total mean MFI values for each patient

Patient	DSA 1,2 or both	PLPH	Peak MFI Anti DSA	Total anti DSA	DSA Type 1			DSA Type 2		
					A	B	Cw	DR	DRW	DQ
1	2		1072	1072						2,7
2	both		1547	2867		44		4,10		2,4,7
3	2	1	11051	11051				7		8
4	both		652	1205	23			52		
5	2		929	2352				5		2,5
6	1		1628	1628	24					
7	2		340	340						7
8	1		2058	3238		41				
9	2		804	804						7
10	2	1	11401	14705						7,52
11	2		530	530						6
12	2		1025	1977						7,6
13	1		394	780			5,6			
14	1		333	333	68					
15	2	1	7660	17572						2,8
16	2		1081	1462						2,7
17	2		874	874				11		

DSA: Donor Specific Antibodies; PLPH: Plasmapheresis; MFI: mean fluorescence intensity

Table S2: Volumetric Assessment of Vascular Geometry and Progression of Allograft Vasculopathy during Follow-Up in patients with DSA DQ+ vs. DSA –

	DSA DQ (n = 5)	DSA - (n=34)	P Value
Vessel Volume/Segment Length			
Baseline (mm ³ /mm)	12.9±5	14.9±4	0.6#
2 ND IVUS (mm ³ /mm)	12.2±8	15.7±4	0.4#
Absolute difference (mm ³ /mm)	-0.7±3	+0.8±4	0.4*
Change in %	-14.9±28	+1.3±3	0.3*
P-value	0.7¶	0.3¶	
Plaque Volume/Segment Length			
Baseline (mm ³ /mm)	2.9±1	4.8±2	0.1#
2 ND IVUS (mm ³ /mm)	3.0±2	4.8±2	0.1#
Absolute difference (mm ³ /mm)	0.02±0.8	+0.06±1	0.7*
Change in %	0.2±24	+5.4±24	0.8*
P-value	0.9¶	0.8¶	
Plaque index			
Baseline (mm ³)	0.2±0.05	0.3±0.1	0.02#
2 ND IVUS (mm ³)	0.24±0.03	0.3±0.1	0.02#
Absolute difference (mm ³)	0.03±0.05	-0.003±0.07	0.3*
Change in %	12.1±17	-7.9±18	0.055*
P-value	0.1¶	0.8¶	

SL: segment length; VV: vessel volume; LV: lumen volume; PV: plaque volume; PI: plaque index.

*ANCOVA test; baseline value is a covariate.

¶ Paired *t* test

t test