

Supplemental Table S1. MHC typing of heart allograft donors and recipients

Tx #	ID		Mafa-A Haplotype 1	Mafa-A Haplotype 2	Mafa-B Haplotype 1	Mafa-B Haplotype 2	Mafa-DRB Haplotype 1	Mafa-DRB Haplotype 2	Haplotype Sharing
1	M117	Recipient	A067	A006_A010	B048	B056a	DR02	DR05	haplo match Mafa-A & DR
	M121	Donor	A067	A101	B090	B016	DR22	DR05	
2	M116	Recipient	A058	A063	B083b	B104	DR13	DR09b	
	M125	Donor	A010	A008	B008a	B154	DR02	DR03a	
3	M123	Recipient	A088	A101	B028a	B101b	DR07	DR03a	haplo match Mafa-A & partial Mafa-B & Mafa-DR
	M124	Donor	A077	A101	B016	B101a	DR05	DR11	
4	M127	Recipient	A007	A010	B002	B008a	DR02	DR10	haplo match Mafa-B
	M129	Donor	A067	A068	B090	B008a	DR22	DR03b	
5	M122	Recipient	A067	A067	B090	B048	DR22	DR02	
	M128	Donor	A007	A088	B008b	B184	DR13	DR04	
6	M124	Recipient	A038	A088	B024	B090b	DR01	DR09a	MHC haploidentical
	M130	Donor	A010	A088	B008a	B090b	DR02	DR09a	
7	M125	Recipient	A007	A010	B008b	B056b	DR04	DR05	
	M126	Donor	A019	A043	B090	B004a	DR06	DR01	
8	M118	Recipient	A007	A066	B008b	B056a'	DR04	DR21	
	M116	Donor	A101b	A004	B004a	B056c	DR15	DR13	
9	M120	Recipient	A101b	A060	B004a	B101d	DR15	DR01	
	M122	Donor	A004	A006	B036b	B002	DR08	DR03a	

Supplemental Table S2. Grading of heart allograft rejection

Tx#	Group	Recipient	Inflammation Pattern	Confluent necrotic foci	Arteritis	Nodular B cell aggregates	ISHLT 2004	ISHLT 1990
1	Control	M117	diffuse moderate	0	++	+	3R	3B
2		M116	diffuse moderate	+	++	+	3R	3B
3		M123	diffuse severe	++	++	+	3R	4
4	Treg infusion	M127	diffuse moderate	+	+	+/-	3R	3B
5		M122	diffuse severe	+	++	++	3R	4
6		M124	diffuse moderate	+++	+++	+	3R	4
7		M125	diffuse moderate	+	+++	+	3R	4
8		M118	diffuse severe	++	+++	+/-	3R	4
9		M120	diffuse moderate	+++	+++	+/-	3R	4

0 = absent; +/- = minimal; + = mild/few; ++ = moderate; +++ = severe