

Group	Identifier	Relationship	Individuals		% DTH inhibition		
			ID 1	ID 2	PBMC ID 1: Ag ID 2	PBMC ID 2: Ag ID 1	Combined % inhibition
HLA identical:							
bidirectional regulators	N7 N11 N8	Siblings	DX76	GB23	50	50	100
			FA50	DX30	50	50	100
			DX9G	H234	33	50	83
			Average		44	50	94
			Median		50	50	100
			Std Dev		9.8	0.0	9.8
non bidirectional regulators	N9 N10	Siblings	DW74	DX9X	0	42	42
			FE8M	H190	17	0	17
			Average		9	21	30
			Median		8.5	21	29.5
			Std Dev		12.0	29.7	17.7
HLA haploidentical:							
bidirectional regulators	W22 W8 N27 W6 W1 N6 W3 N8 W23	Mother-Child	r03049	r10053	58	50	108
			r02091	r09050	50	50	100
			DR40	H069	50	45	95
			rh2140	r08043	33	58	91
			rh2136	r05049	33	50	83
			CP42	GB25	33	50	83
			r04145	r09070	25	57	82
			CC53	H644	38	40	78
			r04115	r10024	30	43	73
			Average		39	49	88
			Median		33	50	83
			Std Dev		11.1	5.9	11.3

Group	Identifier	Relationship	Individuals		% DTH inhibition			
			ID 1	ID 2	PBMC ID 1:	PBMC ID 2:	Combined % inhibition	
					Ag ID 2	Ag ID 1		
HLA haploidentical: non-bidirectional regulators	W19	Mother-Child	r04092	r09059	20	100	120	
	W5		rh1982	r05076	16	50	66	
	W8		rhau72	r02091	16	50	66	
	W13		BD03	BH49	25	40	65	
	W17		r02062	r08045	40	25	65	
	W14		BD89	BH41	0	60	60	
	W7		rh1994	r05036	0	57	57	
	N8		CC53	DX9G	13	43	56	
	N19		DV2W	H293	27	25	52	
	W5		rh1982	r09075	0	50	50	
	W15		AZ56	BH82	0	50	50	
	W18		rh2015	r09033	0	50	50	
	W21		r04124	r11019	50	0	50	
	N24		CH62	H802	37	11	48	
	W12		BC23	BF86	14	30	44	
	W19		r04092	r11011	40	0	40	
	W20		r04103	r10067	0	33	33	
	W17		R02062	R11035	8	25	33	
	N27		DR40	H738	10	22	32	
	W23		r04115	r11022	30	0	30	
	N5		DN7A	DX6C	0	29	29	
	W15		AY14	BH25	0	25	25	
	N26		AX70	GB51	0	25	25	
	N26		AX70	H213	0	22	22	
	N4		DN20	DX6A	0	20	20	
	N10		CW85	DX5P	0	17	17	
	N24		CH62	H294	0	12	12	
	N23		CD5H	H04J	11	0	11	
	N21		DM5E	H643	0	10	10	
	N17		CX6V	FC6D	0	6	6	
	N11		CX1H	FA50	0	4	4	
	W11		r02024	r09018	0	0	0	
	N18		CW8C	rh2420	0	0	0	
	N19		CM99	DV2W	0	0	0	
	N19		CM99	H291	0	0	0	
	N25		CD5E	GB90	0	0	0	
	N25		CD5E	H703	0	0	0	
	N22		CX8V	H652	0	0	0	
					Average	9	23	33
					Median	0	22	31
			Std Dev	14.3	23.2	27.0		

Group	Identifier	Relationship	Individuals		% DTH inhibition				
			ID 1	ID 2	PBMC ID 1:	PBMC ID 2:	Combined % inhibition		
					Ag ID 2	Ag ID 1			
HLA haploidentical: non-bidirectional regulators	N8	Sibling-Sibling	DX9G	H644	50	20	70		
	W23		r10024	r11022	43	20	63		
	N27		H069	H738	55	0	55		
	W6		r08043	r10030	17	33	50		
	W5		r05076	r09075	33	16	49		
	N8		FG4V	DX9G	12	33	45		
	N15		FE5R	GB2X	20	20	40		
	N10		FE8M	DX5P	33	0	33		
	N24		H294	H802	12	11	23		
	N18		FE5N	RH2477	0	20	20		
	W9		r04012	r05073	20	0	20		
	N18		FE5N	H763	0	15	15		
	N2		FA7C	DX7A	10	0	10		
	N1		FC24	DX6P	5	0	5		
	N3		FG5A	GB6G	0	0	0		
	N8		FG4V	H234	0	0	0		
	N10		DX5P	H190	0	0	0		
	N11		FA50	H251	0	0	0		
	N11		DX30	H251	0	0	0		
	N12		DX5K	H195	0	0	0		
	N13		DX5H	H188	0	0	0		
	N14		DX5G	H189	0	0	0		
	N15		GB2X	H072	0	0	0		
	N16		FE5M	GB2W	0	0	0		
	N16		GB2W	H071	0	0	0		
	N25		GB90	H703	0	0	0		
	N26		GB51	H213	0	0	0		
						Average	11	7	18
						Median	0	0	5
						Std Dev	17.0	10.9	23.2