

Table S1. Number of predicted targets (DIANAmT, miRanda and Targetscan), number of experimentally validated targets (miRTarBase) of significantly differentially regulated miRNAs. The number in bracket indicates the no. of unique genes.

	miRNA	No. of predicted targets	No. of experimentally verified targets
DGF versus PBx			
up-regulated	hsa-miR-182	2305	9
	hsa-miR-106b	2976	16
	hsa-miR-20a	2960	26
	hsa-miR-21*	0	0
	hsa-miR-18a	1402	16
	hsa-miR-17	2588	39
	hsa-miR-106a	2664	10
delayed graft function		14895 (5320)	116 (67)
AREJ versus PBx			
up-regulated	hsa-miR-150	3133	5
	hsa-miR-155	1600	161
	hsa-miR-663a	1145	2
	hsa-miR-638	295	0
acute cellular rejection (up-regulated miRNAs)		6173 (4960)	168 (167)
down-regulated	hsa-miR-138	1634	11
	hsa-miR-125a	2354	16
	hsa-miR-455	1473	0
	hsa-miR-30c-2*	0	0
	hsa-miR-574-3p	261	0
	hsa-miR-502-3p	968	0
	hsa-miR-181b	2339	12
	hsa-miR-99b	105	1
	hsa-miR-139-5p	1710	0
	hsa-miR-27b	2843	8
	hsa-miR-424*	0	1
	hsa-miR-193b	1199	5
	hsa-miR-99b*	0	0
	hsa-let-7b	1570	146
	hsa-miR-181a	2340	14
	hsa-miR-23b	2280	4
	hsa-miR-361-5p	1629	1
hsa-miR-125b-2*	0	0	
acute cellular rejection (down-regulated miRNAs)		22705 (8765)	219 (208)
acute cellular rejection		28878 (9833)	387 (369)
ABMR versus PBx			
up-regulated	hsa-miR-663	1145	2
	hsa-miR-146b-5p	1855	8
	hsa-miR-1228	0	0
	hsa-let-7i	1569	1
	hsa-miR-21*	0	0
	hsa-miR-182	2305	9
humoral rejection		6874 (5119)	20 (19)
acute rejection (total)		35752 (10251)	407 (384)