

Supporting information

Figure S1-S5. Reactivity of B cell clones to HLA class I molecules.

Figure S6. Sequence analysis of B cell clones 2B4 and 2D9.

Table S1. Summary of patient characteristics.

Table S2. Summary of B cell clones reactivity.

Table S1: Summary of patient characteristics

Parameters	Values
Age in year (mean±SD)	49.0±14.4
Gender, n (%)	
Male	192 (64.0%)
Female	108 (36.0%)
Race, n (%)	
Caucasian	239 (79.7%)
African	29 (9.6%)
Asian	14 (4.7%)
Hispanic	18 (6.0%)
No. of transplant, n (%)	
First	259 (86.3%)
Second	35 (11.7 %)
Third	6 (2.0%)
Transfusion pre-Tx, (n %)	
Yes	94 (31.3%)
No	206 (68.7%)
Cause of end-stage renal disease, n (%)	
Polycystic kidney	36 (12.0%)
Focal Segmental Glomerulosclerosis (Primary)	26 (8.7%)
IgA nephropathy	39 (13.0%)
Type I diabetes mellitus	28 (9.3%)
Hypertension	21 (7.0%)
Obstructive/reflux uropathy/anatomical issues	22 (7.3%)
Systemic lupus erythematosus	6 (2.0%)
Immune complex disease	29 (9.7%)
Congenital/hereditary disease	18 (6.0%)
Interstitial nephritis	23 (7.7%)
Focal Segmental Glomerulosclerosis (Secondary)	12 (4.0%)
Type II diabetes mellitus	25 (8.3%)
Others	4 (1.3%)
Unknow	11 (3.7%)

Table S2. Summary of reactivity of cell culture supernatants

Clone	LPS	dsDNA	Insulin	HEK293 lysate	Apoptotic JK cells	HLA CLASS I
3D4	-	-	-	-	-	-
2B4	+	+	+	+	+	+
2D9	+	+	+	+	+	+
4G4	+	+	+	+	+	+
4G10	+	+	+	+	+	+