

Supplementary Table 6: BFC cohort – factors used for prediction modelling

Model	Factors included	AUC	AUC 95% CI
Demographic	Age Sex Ethnicity (Caucasian/ Non-Caucasian) Previous acute rejection MDRD at time of biopsy for cause	0.757	0.58 – 0.93
Other Factors	Number of transplant Type of transplant PRA pre-transplant (categorised as >70 or <70) Proteinuria at time of biopsy Deteriorating 1/Cr at time of biopsy Protocolised treatment with Tac/MMF/Rituximab Class I HLA MM, Class II HLA MM, donor age, donor sex, donor cause of death, delayed graft function?	0.817	0.63 – 0.96
HLA Ab	HLA status MICA status HLA MFI at time of biopsy DSA MFI at time of biopsy MICA weak / strong at time of biopsy	0.668	0.49 – 0.84
Biopsy for Cause	C4d positivity in glomeruli C4d positivity in peritubular capillaries Microvascular inflammation (g or ptc ≥ 1) Transplant glomerulopathy (cg i.e. double contours) Interstitial fibrosis / tubular atrophy	0.804	0.66 – 0.94
ELISPOT	B-dependent DSR B-dependent reactivity post-CD25 depletion	0.527	0.53 – 0.91