



Supplementary Figure 1. Concordance between the seven base classifiers and the histologic data. Each dot represents a molecular score for a biopsy sample. Boxes represent the interquartile range (IQR), heavy horizontal bars are the medians, and whiskers are the most extreme data points which are no more than 1.5 IQRs from the IRQ box. AUC = area under the receiver operating characteristic curve. Abbreviations: M – Molecular classifier scores; TCMR – T cell-mediated rejection; ABMR – antibody-mediated rejection; g – glomerulitis; ptc – peritubular capillaritis; i – interstitial inflammation; t – tubulitis; cg – transplant glomerulopathy; ROC – receiver operating characteristic

Supplementary Acknowledgements – Participating Centers			
Center	Principal investigators	Local IRB #	TOTAL
Barcelona	Daniel Serón and Joana Sellarés	PR(AG)164-2010	60
Bronx, NY, USA	Enver Akalin	09-06-174	30
Manchester, UK	Declan de Freitas and Michael Picton	10/H1008/126	39
Baltimore, MD, USA	Jonathan Bromberg and Matt Weir	HCR-HP-00061790-2	50
Medical School of Hannover	Gunilla Einecke	5786	63
Necker - France	Alexandre Loupy and Olivier Aubert	DC-2009-955	86
Saint Louis - France	Carmen Lefaucheur and Clement Gosset	DC-2009-955	88
St Louis, MO, USA	Daniel Brennan and Andrew Malone	20150471	17
The Hennepin County Medical Center	Bertram Kasiske	HSR-06-2670	6
The University of Alberta	Philip F Halloran	Pro00022226	487
The University of Minnesota at Fairview	Arthur Matas	HSC-0606M87646	76
Vienna, Austria	Georg A. Böhmig and Farsad Eskandary	EK1506/2015	120
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TOTAL			1208