**Supporting Figure S3: Performance of kSORT by Transplant Center**

ROC analyses were performed for each transplant center included in the AART study to assess the performance of kSORT across different sample collection sites. Calculated AUCs were 0.8765 (95%CI 0.7538 to 0.9993) for AR vs. No-AR collected at Emory University (4a; n=42); 0.9825 (95%CI 0.9608 to 1.0) for AR vs. No-AR collected at UPMC (4b; n=81), 0.9360 (95%CI 0.8648 to 1.0) for AR vs. No-AR collected at UCLA (4c, n=44), and 1.0 (95%CI 1.0 to 1.0) for AR vs. No-AR collected at CPMC (4d,n=35). The latter is an imbalanced data-set with only 2 AR samples and kSORT performance likely overfitted. Tables next to each ROC curve displays 2x2 tables for the kSORT performance in each center.

