

Figure S3. Receiver–operating–characteristic (ROC) curves of the wGRS (dashed line) in discriminating CYP2A6 slow and normal metabolizer groups using an NMR cut–point of \geq 0.31 in the (A) training set (PNAT2+KIS3; *N*=954) and (B) replication set (Q2L; *N*=216). The wGRS for an NMR cut–point of 0.31 (slow: NMR<0.31, normal: NMR \geq 0.31) yielded an Area Under the Curve (AUC) estimate of 0.73 (*P*<0.001) and 0.77 (*P*<0.001) in the training and replication sets, respectively