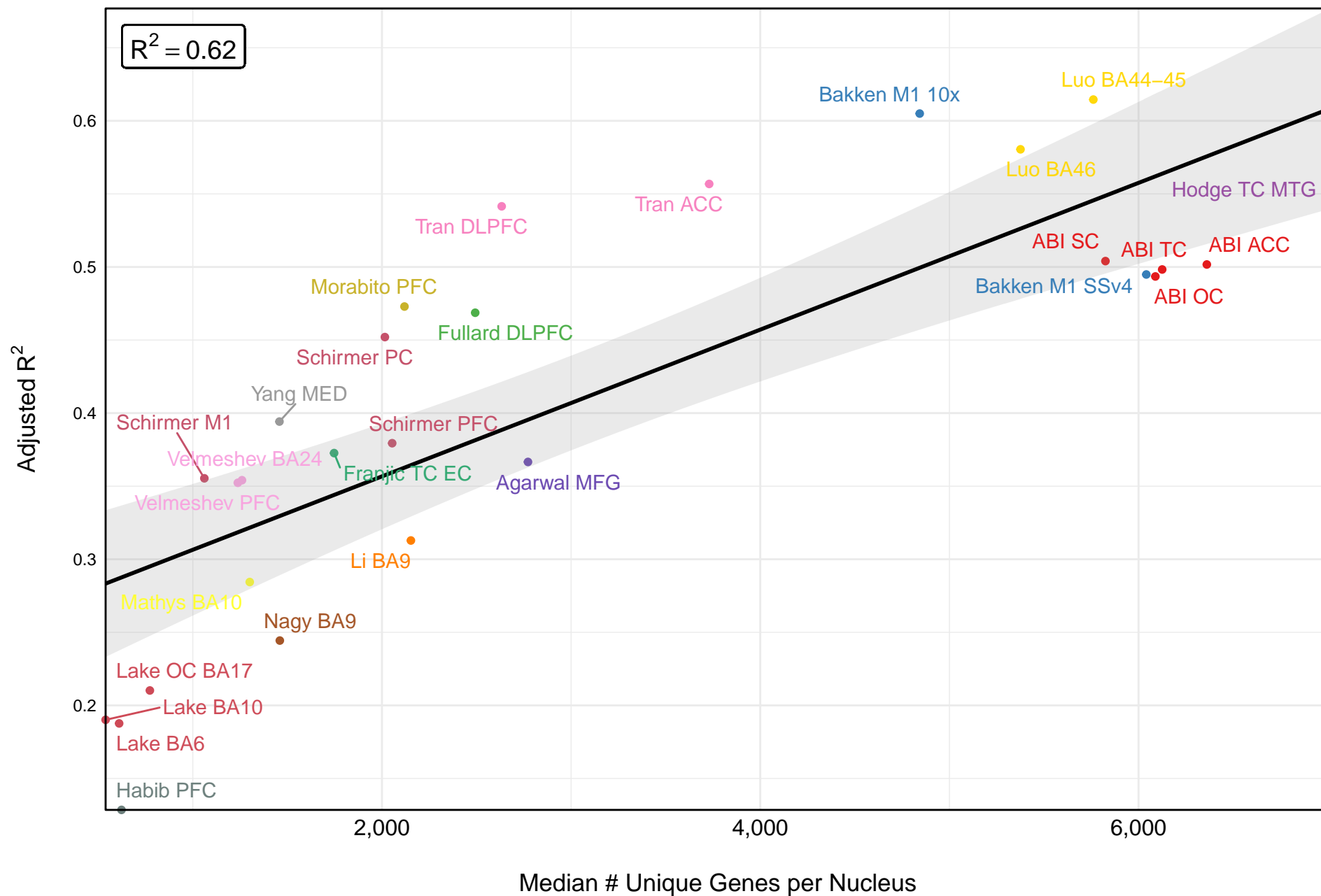**Median Unique Genes Expressed vs. Variance Explained by Major Cell Classes**

Multiple linear regression performed with 5 cell class mean expression vectors for 405,740 cells from 28 datasets

$R^2 = 0.62$

Adjusted R^2 (y-axis)

Median # Unique Genes per Nucleus (x-axis)

Data labels: Bakken M1 10x, Luo BA44–45, Luo BA46, Hodge TC MTG, Tran ACC, Tran DLPFC, ABI SC, ABI TC, ABI ACC, Morabito PFC, Bakken M1 SSv4, ABI OC, Fullard DLPFC, Schirmer PC, Yang MED, Schirmer M1, Schirmer PFC, Velmeshev BA24, Franjic TC EC, Agarwal MFG, Velmeshev PFC, Li BA9, Mathys BA10, Nagy BA9, Lake OC BA17, Lake BA10, Lake BA6, Habib PFC

Median Unique Genes Expressed vs. Variance Explained by Real and Random Predictors

Multiple linear regression performed with 5 cell class mean expression vectors for 405,740 cells from 28 datasets