S1 Fig. Diagram describing the flow of our study

Genetic Discovery
- Can we discover new HbA1c-associated loci?
- Ancestry-specific meta-analysis
- Trans-ancestry meta-analysis

Locus Classification
- Can we classify loci in their most likely mode of action?
- Use of lookups of summary statistic association results with glycemic and erythrocytic traits and conditional analyses to classify loci

Genetic Risk Scores
- What is the impact of glycemic (GS-G) and erythrocytic (GS-E) risk scores on diabetes prediction and classification?

Genetic Architecture
- Are there differences in the genetic architecture of HbA1c across ancestries?
- What is the impact of this genetic difference on T2D screening by HbA1c in ethnically diverse populations?