A

Linear Discriminant Analysis

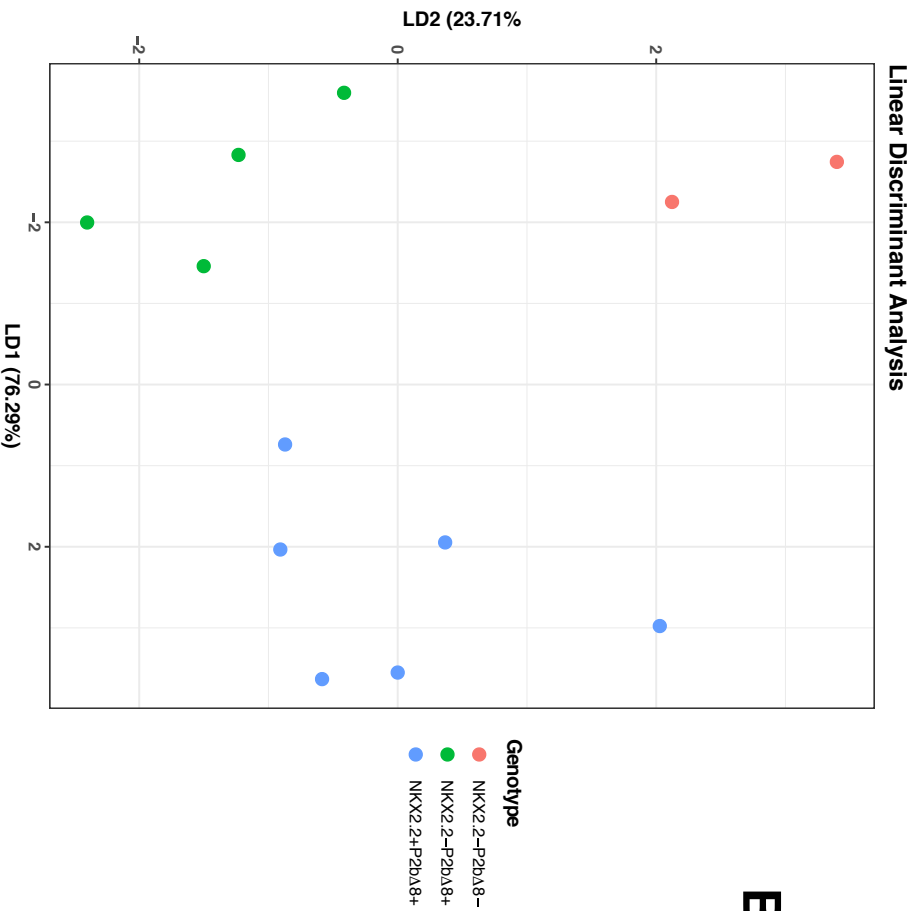**Genotype**
- NKX2.2+P2bΔ8+
- NKX2.2-P2bΔ8+
- NKX2.2-P2bΔ8−

B

Machine Learning Prediction Trained on data excluding NKX2.2-P2bΔ8- data

Reference Genotype	Predicted Genotype, RF Model	Predicted Genotype, SVM Model	Predicted Genotype, KNN Model	Predicted Genotype, LDA Model
Control NKX2.2-P2bΔ8-	Control NKX2.2-P2bΔ8+	Control NKX2.2-P2bΔ8+	Control NKX2.2-P2bΔ8+	Control NKX2.2-P2bΔ8+
Control NKX2.2-P2bΔ8-	Control NKX2.2-P2bΔ8+	Control NKX2.2-P2bΔ8+	Control NKX2.2-P2bΔ8+	Control NKX2.2-P2bΔ8+

Alzate, Liu, et al., Supplemental Figure 1