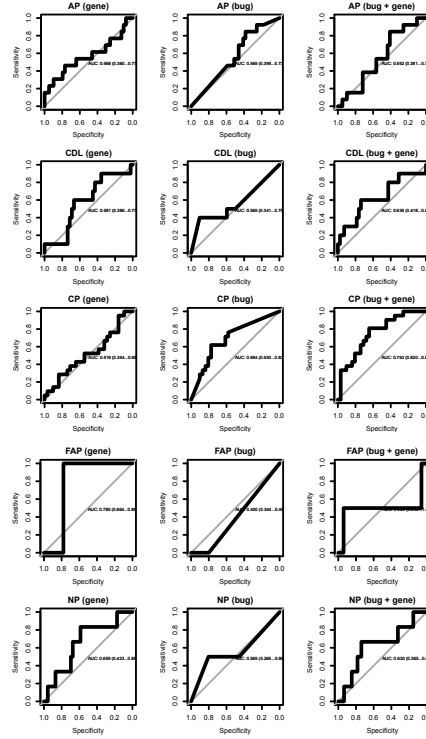
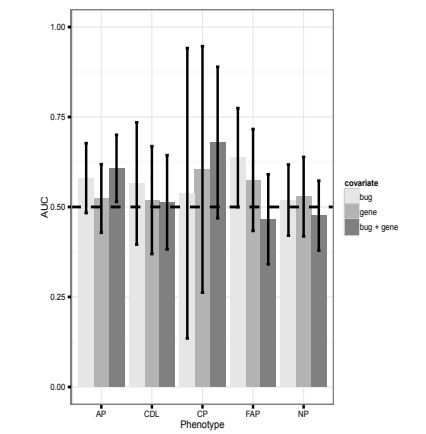
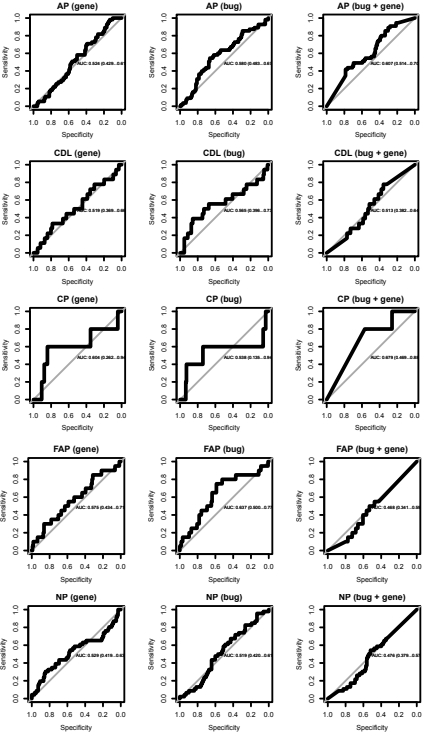
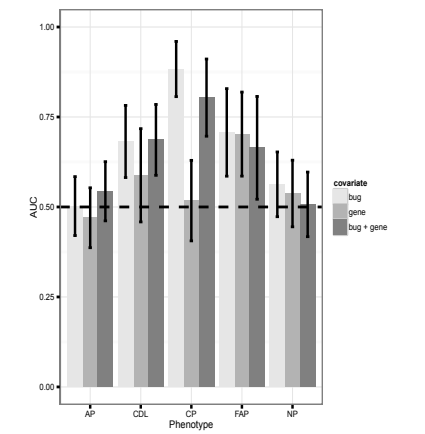
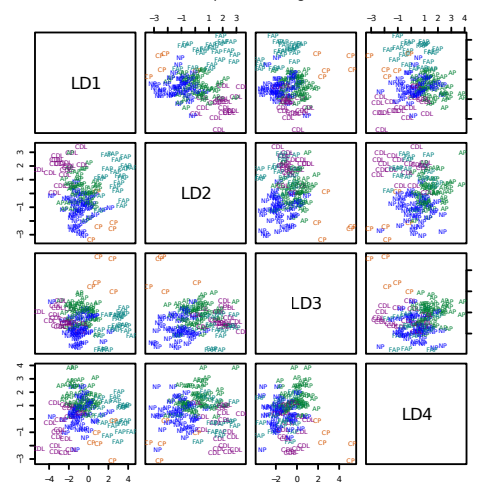
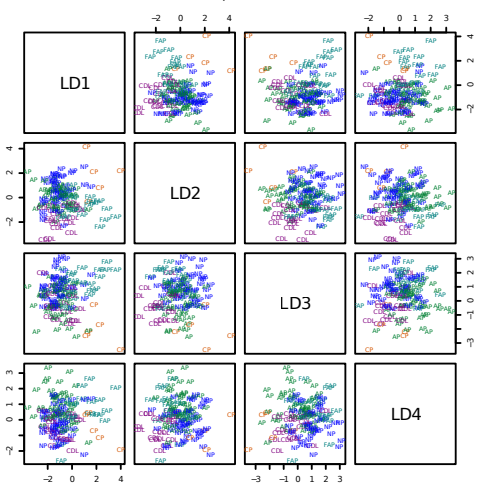


**A** ROC - Only Samples Without Antibiotics**B** ROC - All Samples**C** LD separation for genes

LD separation for clades

**D** Linear Discriminant Loadings