Gene Counts Across CCO Levels 25000 **Gene Type** Non-Essential Genes Essential Genes 20000 **FDR Significance** Not differentially expressed (FDR > 0.05) Differentially expressed (FDR < 0.05) **Genes** 15000 Number 10000 5000 5 10 15 **CCO Levels**

Percentage of Genes Across CCO Levels **Gene Type** Non-Essential Genes Essential Genes 60 **FDR Significance** Genes Not differentially expressed (FDR > 0.05) Differentially expressed (FDR < 0.05) **5** 40 **CCO Levels**