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) 15000 10000 5000 10 15 **CCO Levels**

Percentage of Genes Across CCO Levels **Gene Type** Non-Essential Genes 60 Essential Genes **FDR Significance** Genes Not differentially expressed (FDR > 0.05) Differentially expressed (FDR < 0.05) **5** 40 Percentage 0 **CCO Levels**