Gene Counts Across CCO Levels Gene Type Non-Essential Genes Essential Genes **FDR Significance** Not differentially expressed (FDR > 0.05) Differentially expressed (FDR < 0.05) **Genes** Number 10000 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 Percentage 6 **CCO Levels**