Mean ROC curves for Antibiotic Resistance Genes with effect 10 Experimental designs with sequencing depth 500k (10 repeats each) 1.00 0.75 Group size 5 6 0.50 10 30 50 0.25 0.00

0.6

False Positive Rate

0.8

1.0

**True Positive Rate** 

0.2

0.0

0.4