Mean ROC curves for Antibiotic Resistance Genes with effect 1.5 Experimental designs with sequencing depth 10M (10 repeats each) 1.00 0.75 Group size **True Positive Rate** 3 5 0.50 10 30 50 0.25 0.00 0.2 0.4 0.6 0.8 0.0 1.0 False Positive Rate