Mean ROC-curves for Antibiotic Resistance Genes with effect 1.5 Experimental designs with sequencing depth 500k (10 repeats each) 1.00 0.75 **True Positive Rate** Group size 6 0.50 10 30 50 0.25 0.00 0.2 0.4 0.6 0.0 0.8 1.0 False Positive Rate