Mean ROC curves for Antibiotic Resistance Genes with effect 5 Experimental designs with relation/trade-off/m*d 3000000 (100 repeats each) 1.00 0.75 **True Positive Rate** Experimental design 0.50 m=6 d=500k m=15 d=200k 0.25 0.00 0.0 0.2 0.4 0.6 8.0 1.0 False Positive Rate