Mean ROC curves for Human Gut II with effect 3 Trade-off with fixed relation for genes with low abundance, strata 1 (100 rep 1.00 0.75 **True Positive Rate** Experimental design m=3 d=1M 0.50 m=6 d=500k m=15 d=200k m=30 d=100k 0.25 0.00 0.0 0.2 0.4 0.6 8.0 1.0

False Positive Rate