Mean ROC-curves for Human Gut II with effect 3 Trade–off with fixed relation for genes with low variability, strata 2 (10 repeats 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

False Positive Rate

8.0

1.0