Mean ROC curves for Marine with effect 1.5 Trade–off with fixed relation for genes with low variability, strata 1 (10 repeats 1.00 0.75 **True Positive Rate** Experimental design m=5 d=1M 0.50 m=10 d=500k m=20 d=250k m=50 d=100k 0.25 0.00 0.0 0.2 0.4 0.6 8.0 1.0

False Positive Rate