ROC curves for Marine with effect 3 Experimental designs with 5 M reads in total for genes with medium variability 1.00 -0.75 -True Positive Rate Experimental design m=5, d=1 M 0.50 m=10, d=500 k m=20, d=250 k m=50, d=100 k 0.25 -0.00 -0.4 0.6 0.2 0.8 0.0 1.0

False Positive Rate