Mean ROC curves for Human Gut II with effect 1.5 Experimental designs with group size 50 (10 repeats each) 1.00 0.75 Sequencing depth 10000 1e+05 0.50 5e+05 1e+06 5e+06 0.25 0.00 0.0 0.2 0.4 0.6 1.0 8.0

False Positive Rate

**True Positive Rate**