R-Candy vs BWA in function of different read lengthes vs. mismatches 25 30 100 0.75 0.121 0.50 0.50 True Positive Rate (Sensitivity) # Mismatches 0.55.1 0.55,1 0.00 0.000 40 35 1001 Label 0.12,1 0.12 **BWA** Default parameters **BWA Ancient parameters** 0.50 0.50.1 r-candy 0.32 0.75 0.50 0.00 050 0.00 0.25 0.75 0.00 False Positive Rate (1–Specificity)