Histogram of (-log10) p-values - k-mers passing the first filtering step (n=10001) 10% threshold 5% threshold 1000 800 Frequency 600-400 200-6 10 8 9 5 -log10(pval) \*Red dashed line indicates 5% family-wise error-rate threshold \*Blue dashed line indicates 10% family-wise error-rate threshold