Pearson correlation vs. genomic distance GM12878, 1,2,4,7,9,11,13,14,16,17,18,20,22 on K562, 19 1.0 20 ep / AUC: 0.480 40 ep / AUC: 0.485 60 ep / AUC: 0.512 8.0 80 ep / AUC: 0.514 90 ep / AUC: 0.525 transfer GM12878 / AUC: 0.722 Pearson correlation 0.6 0.4 0.2 0.0 + 0.0 0.5 1.0 1.5 2.0 2.5 3.0

Genomic distance / Mbp