Pearson correlation vs. genomic distance GM12878, 1,2,4,7,9,11,13,14,16,17,18,20,22 on K562, 10 1.0 20 ep / AUC: 0.540 40 ep / AUC: 0.535 60 ep / AUC: 0.552 0.8 80 ep / AUC: 0.558 90 ep / AUC: 0.562 transfer GM12878 / AUC: 0.671 Pearson correlation 0.6 0.4 0.2 0.0

1.5

Genomic distance / Mbp

2.0

2.5

3.0

0.0

0.5

1.0