Shear Z-score for celegans Average Z-score hmm shuffled -200-100100 200-200 -100200-200 100 -100100 200 Position around TSS (bp) Average Z-score -200-100200 100 Position around TSS (bp) Absolute difference value Difference between raw and hmm shapes 0.6 0.4 0.2 0.0 -200-100100 200 Position around TSS (bp)