Shear Z-score for scerevisiae Average Z-score shuffled hmm -100-100200-200 -100100 -200100 200-200 100 200 Position around TSS (bp) Average Z-score -200200 -100100 Position around TSS (bp) Absolute difference value Difference between raw and hmm shapes 0.4 0.2 0.0 -200-100100 200 Position around TSS (bp)