Stretch Z-score for scerevisiae shuffled hmm Z-score 0.25 0.00 Average –0.50 –0.50 -100100 -200200-200 -100100 200-200 -1000 100 200 Position around TSS (bp) Z-score 0.25 0.00 Average –0.25 –0.50 -200-100100 200 Position around TSS (bp) Absolute difference value 0.10 0.00 0.00 -Difference between raw and hmm shapes MM 100 -200-100200 Position around TSS (bp)