## Rise Z-score for scerevisiae shuffled hmm Z-score 0.5 0.0 Average 0.5 -200 -100100 200-200 -100200-200 -100100 100 200 Position around TSS (bp) source — hmm — raw Z-score 0.5 0.0 Average. 0.5 -200-100100 200 Position around TSS (bp) Difference between raw and hmm shapes

Absolute difference value -200100 200 Position around TSS (bp)