Slide Z-score for athaliana Average Z-score shuffled hmm -100-100100 200-200 100 200-200 -100100 200 Position around TSS (bp) Average Z-score 0.4 0.2 0.0 -0.2 - -200 -100100 200 Position around TSS (bp) Absolute difference value Difference between raw and hmm shapes 0.3 0.2 0.1 0.0 -200-100100 200 Position around TSS (bp)