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