## **ProT Z-score for pfalciparum** Average Z-score 0.00 0.00 0.50 0.00 0.50 0.50 0.50 shuffled hmm -100100 200-200 -100200-200 -100-200100 100 200 Position around TSS (bp) Average Z-score 0.00 0.00 0.50 0.00 0.50 0.50 0.50 -200-100100 200 Position around TSS (bp) Absolute difference value Difference between raw and hmm shapes -200200 Position around TSS (bp)