Stagger Z-score for dmelanogaster hmm shuffled Z-score 0.50 0.25 Average 0.00 0.05 -100 -200100 200-200 -100200-200 -100100 100 200 Position around TSS (bp) Z-score 0.50 0.25 Average 0.00 0.25 -200-100100 200 Position around TSS (bp) Absolute difference value Difference between raw and hmm shapes -200-100100 200 Position around TSS (bp)