MGW Z-score for dmelanogaster shuffled hmm Z-score 0.50 0.25 Average 0.00 -0.25 -100-200-100100 200-200 100 200-200 -1000 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)