Stretch Z-score for dmelanogaster Average Z-score shuffled hmm -200-100200-200 200-200 0 100 -100100 -100100 200 Position around TSS (bp) source — hmm — raw Average Z-score -200 -100200 100 Position around TSS (bp) Absolute difference value Difference between raw and hmm shapes manual manual hard hard manual -200200 Position around TSS (bp)