## Shear Z-score for athaliana Average Z-score shuffled hmm -200-100100 200-200 -100200-200 -100100 100 200 Position around TSS (bp) source — hmm — raw **Z**-score 0.2 Average 7 -200-100200 100 Position around TSS (bp) Absolute difference value Difference between raw and hmm shapes

-200

-100

100 200 Position around TSS (bp)