Slide Z-score for hsapiens shuffled **Z**-8**core** 0.4 hmm Average 2 -100-200-100100 200-200 200-200 -100100 100 200 Position around TSS (bp) **Z**-8**core** 0.4 Average 2 -200-100200 100 Position around TSS (bp) Absolute difference value Difference between raw and hmm shapes -200 -100100 200 Position around TSS (bp)