A
Uni-strand
Dual-strand
Uni-strand
log2 Transposon length plus strand / Transposon length minus strand
log2 piRNAs on the plus strand / piRNAs on the minus strand
Pearson correlation: –0.518
Spearman correlation: –0.537
p = 6.28 × 10-7
% antisense transposon insertion
Dual-strand
Uni-strand
B
p < 0.0001
p
Autosomal contigs
Z-linked contigs
W-linked contigs
piRNA density
Hi5
Ovary
Testis
Female thorax
Male thorax
C
piRNA abundance (ppm)
Transposon homology (n = 8)
Uncharacterized or hypothetical (n = 21)
Potential protein-coding (n = 12)
No homologs (n = 33)
p=2.3 × 10-3
p = 3.2 × 10-5
p = 0.0018