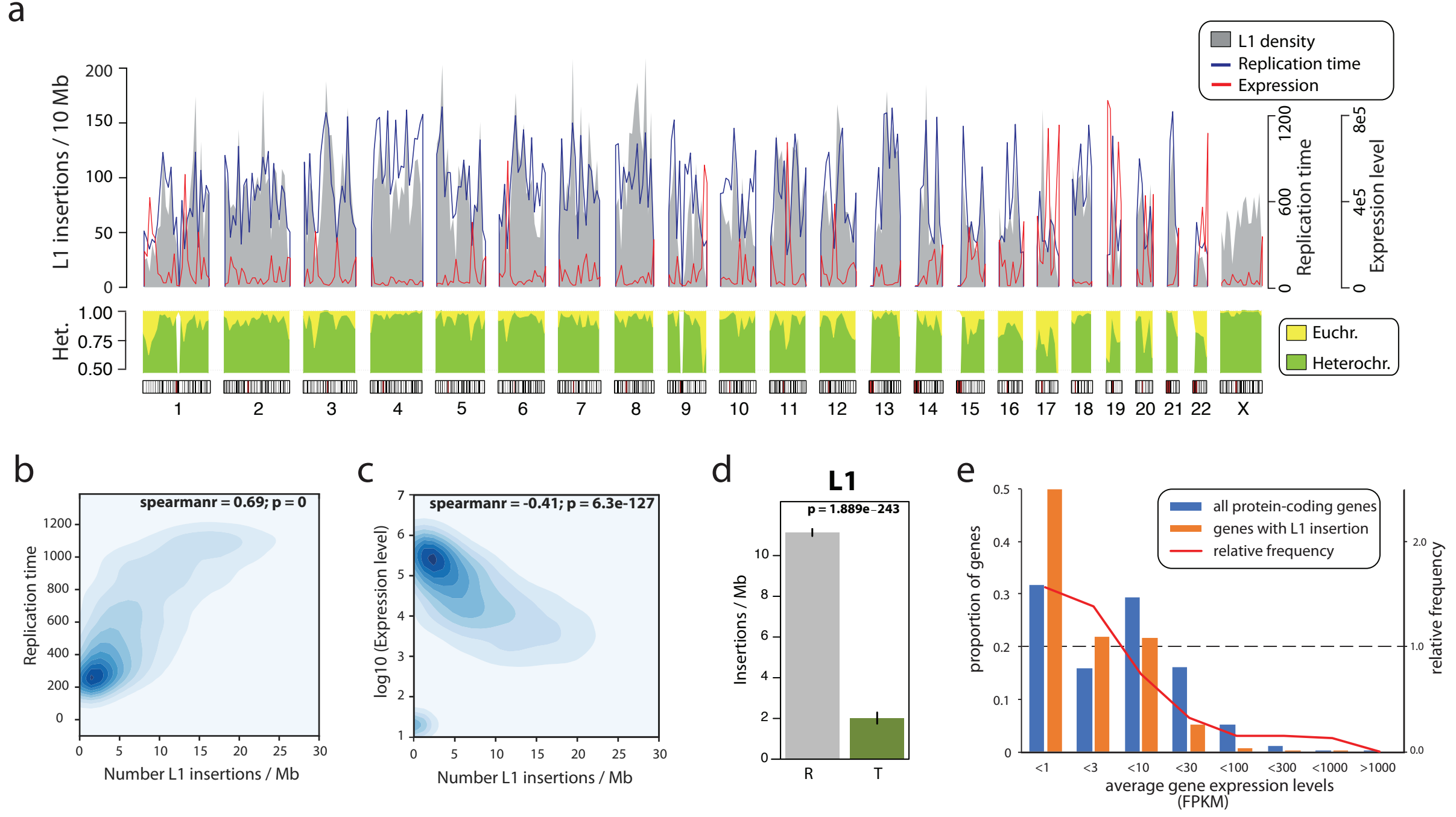
a
L1 density
Replication time
Expression
L1 insertions / 10 Mb
Replication time
Expression level
Het.
Euchr.
Heterochr.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 X
b
spearmanr = 0.69; p = 0
Replication time
Number L1 insertions / Mb
c
spearmanr = -0.41; p = 6.3e-127
log10 (Expression level)
Number L1 insertions / Mb
d
L1
p = 1.889e−243
Insertions / Mb
R
T
e
all protein-coding genes
genes with L1 insertion
relative frequency
proportion of genes
relative frequency
<1 <3 <10 <30 <100 <300 <1000 >1000
average gene expression levels (FPKM)