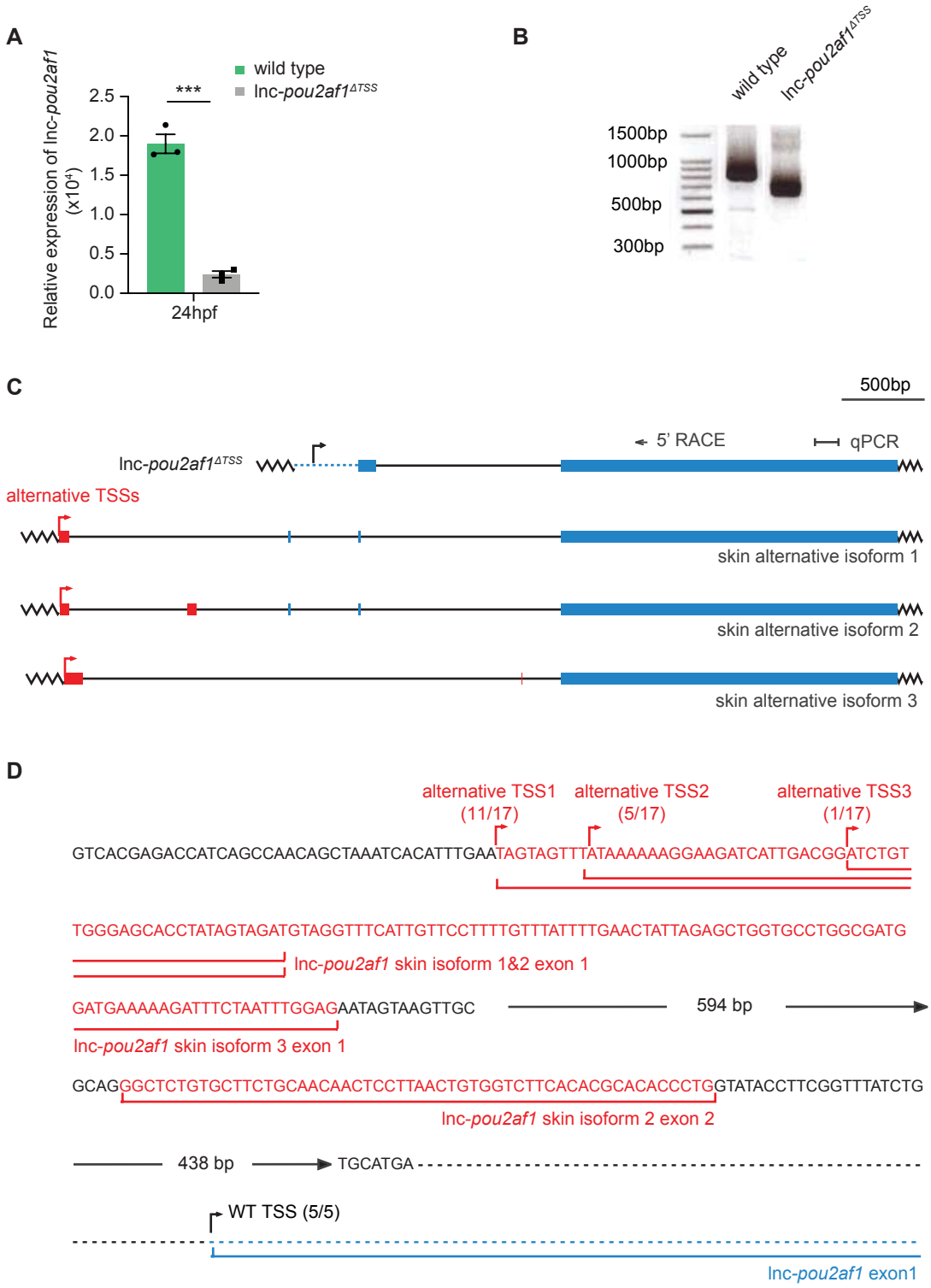
A
Relative expression of lnc-pou2af1 (x10⁴)
2.5
2.0
1.5
1.0
0.5
0.0
***
wild type
lnc-pou2af1ΔTSS
24hpf
B
wild type
lnc-pou2af1ΔTSS
1500bp
1000bp
500bp
300bp
C
500bp
5' RACE
qPCR
lnc-pou2af1ΔTSS
alternative TSSs
skin alternative isoform 1
skin alternative isoform 2
skin alternative isoform 3
D
alternative TSS1 (11/17)
alternative TSS2 (5/17)
alternative TSS3 (1/17)
GTCACGAGACCATCAGCCAACAGCTAAATCACATTTGAATAGTAGTTTATAAAAAAGGAAGATCATTGACGGATCTGT
TGGGAGCACCTATAGTAGATGTAGGTTTCATTGTTCCTTTTGTTTATTTTGAACTATTAGAGCTGGTGCCTGGCGATG
lnc-pou2af1 skin isoform 1&2 exon 1
GATGAAAAAGATTTCTAATTTGGAGAATAGTAAGTTGC
594 bp
lnc-pou2af1 skin isoform 3 exon 1
GCAGGGCTCTGTGCTTCTGCAACAACTCCTTAACTGTGGTCTTCACACGCACACCCTGGTATACCTTCGGTTTATCTG
lnc-pou2af1 skin isoform 2 exon 2
438 bp
TGCATGA
WT TSS (5/5)
lnc-pou2af1 exon1