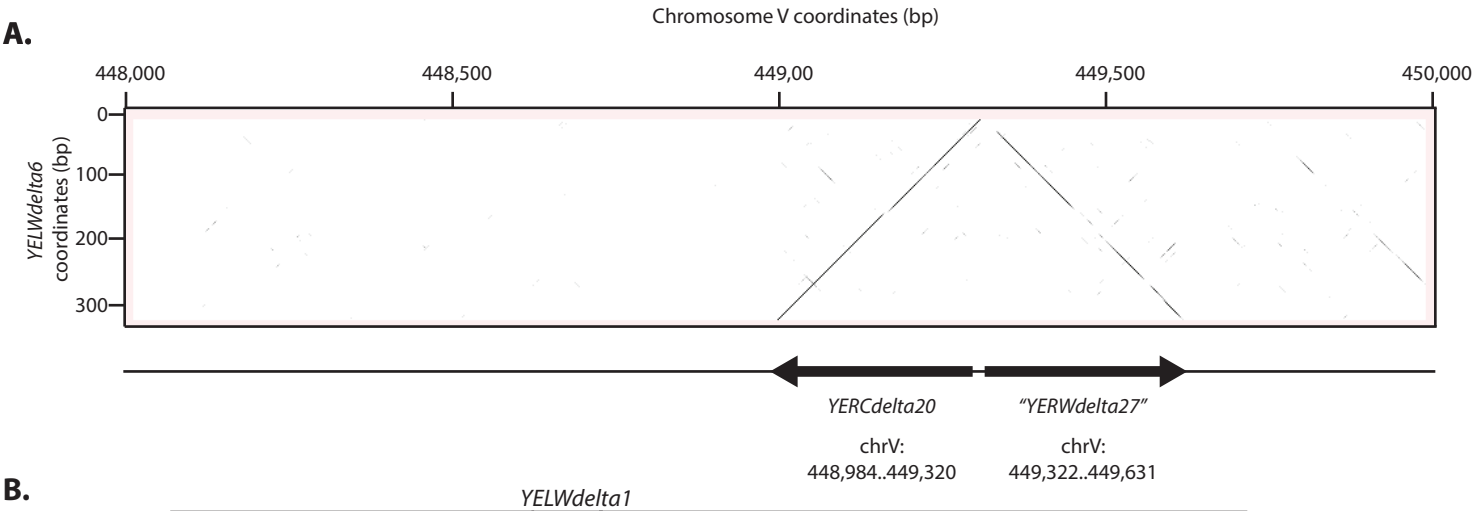
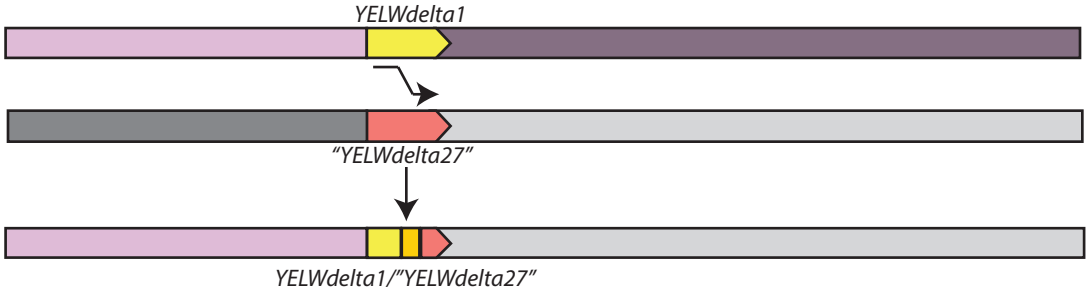
S14 Fig.

A.



B.



C.

```
YELWΔ1   AGTATCAACTTGATTCACAAAATATTATTCGTCGTATATCATGGCATATAGAATCTTGCTGGAATAAGAAGCAAG
307      AGTATCAACTTGATTCACAAAATATTATTCGTCGTATATCATGGCATATAGAATCTTGCTGGAATAAGAAGCAAG
303      AGTATCAACTTGATTCACAAAATATTATTCGTCGTATATCATGGCATATAGAATCTTGCTGGAATAAGAAGCAAG
324      AGTATCAACTTGATTCACAAAATATTATTCGTCGTATATCATGGCATATAGAATCTTGCTGGAATAAGAAGCAAG
331      AGTATCAACTTGATTCACAAAATATTATTCGTCGTATATCATGGCATATAGAATCTTGCTGGAATAAGAAGCAAG

YELWΔ1   TTTCATCTTTGATCTTATGTATATAGTATTAATATGTATTATTGTTGGAATAAAGATCAACTAT:CATCTACTAAC
307      TTTCATCTTTGATCTTATGTATATAGTATTAATATGTATTATTGTTGGAATAAAGATCAACTAT:CATCTACTAAC
303      TTTCATCTTTGATCTTATGTATATAGTATTAATATGTATTATTGTTGGAATAAAGATCAACTAT:CATCTACTAAC
324      TTTCATCTTTGATCTTATGTATATAGTATTAATATGTATTATTGTTGGAATAAAGATCAACTAT:CATCTACTAAC
331      TTTCATCTTTGATCTTATGTATATAGTATTAATATGTATTATTGTTGGAATAAAGATCAACTAT:CATCTACTAAC
YELWΔ27                TAATGTAAATACTAGTTAGTA-G-ATGATAGTTGATTTCTATTCCAAC-A-:CATCTACTAAC

YELWΔ1   TAGTATTTACGTTACTAGTATATTATCATATACGGTGTTAGAAGATGACGCAAATGATGAGAAATAGTCATCTAA
307      TAGTATTTACGTTACTAGTATATTATCATATACGGTGTTAGAAGATGACGCAAATGATGAGAAATAGTCATCTAA
303      TAGTATTTACGTTACTAGTATATTATCATATACGGTGTTAGAAGATGACGCAAATGATGAGAAATAGTCATCTAA
324      TAGTATTTACGTTACTAGTATATTATCATATACGGTGTTAGAAGATGACGCAAATGATGAGAAATAGTCATCTAA
331      TAGTATTTACGTTACTAGTATATTATCATATACGGTGTTAGAAGATGACGCAAATGATGAGAAATAGTCATCTAA
YELWΔ27  TAGTATTTACGTTACTAGTATATTATCATATACGGTGTTAGAAGATGACGCAAATGATGAGAAATAGTCATCTAA

YELWΔ1   ATTAGTGGAAGCTGAAACGCAAGGATTGATAATGTAATAGGATCAATGAATATTAACATATAAAA:T:GATGATAAT
307      ATTAGTGGAAGCTGAAACGCAAGGATTGATAATGTAATAGGATCAATGAATATTAACATATAAAA:T:GATGATAAT
303      ATTAGTGGAAGCTGAAACGCAAGGATTGATAATGTAATAGGATCAATGAATATTAACATATAAAA:C:GATGATAAT
324      ATTAGTGGAAGCTGAAACGCAAGGATTGATAATGTAATAGGATCAATGAATATTAACATATAAAA:C:GATGATAAT
331      ATTAGTGGAAGCTGAAACGCAAGGATTGATAATGTAATAGGATCAATGAATATTAACATATAAAA:C:GATGATAAT
YELWΔ27  ATTAGTGGAAGCTGAAACGCAAGGATTGATAATGTAATAGGATCAATGAATATTAACATATAAAA:C:GATGATAAT

YELWΔ1   AATATTTATAGAATTGTGTAGAATTGCAGATTCCCTTTTATGGATTCCTAAATCCTCGAGGAGAACTTCTAGTA:C
307      AATATTTATAGAATTGTGTAGAATTGCAGATTCCCTTTTATGGATTCCTAAATCCTCGAGGAGAACTTCTAGTA:T
303      AATATTTATAGAATTGTGTAGAATTGCAGATTCCCTTTTATGGATTCCTAAATCCTCGAGGAGAACTTCTAGTA:T
324      AATATTTATAGAATTGTGTAGAATTGCAGATTCCCTTTTATGGATTCCTAAATCCTCGAGGAGAACTTCTAGTA:T
331      AATATTTATAGAATTGTGTAGAATTGCAGATTCCCTTTTATGGATTCCTAAATCCTCGAGGAGAACTTCTAGTA:T
YELWΔ27  AATATTTATAGAATTGTGTAGAATTGCAGATTCCCTTTTATGGATTCCTAAATCCTCGAGGAGAACTTCTAGTA:T

YELWΔ1   ATT:CTACATACCTAATATTATTGCCTTATTAAAAATGGAATCCCAACAATTATCTCAAAATTCACCCACTC
307      AT-:CTACATACCTAATATTATAACCTTAATAAAAATGGAATCCCAACAATTACATCAAAATCCACATTCTC
303      AT-:CTACATACCTAATATTATAACCTTAATCACAATGGAATCCCAACAATTACATCAAAATCCACATTCTC
324      AT-:CTACATACCTAATATTATAACCTTAATCACAATGGAATCCCAACAATTACATCAAAATCCACATTCTC
331      AT-:CTACATACCTAATATTATAACCTTAATCACAATGGAATCCCAACAATTACATCAAAATCCACATTCTC
YELWΔ27  AT-:CTACATACCTAATATTATAACCTTAATCACAATGGAATCCCAACAATTACATCAAAATCCACATTCTC
```