Supplementary Material SM17

A) Duplication breakpoints

```
name                     chrom   start     end       sequence (AgamP4, from Assogba 2016)        window (Lucas et al. 2019)
upstream_breakpoint_out    2R    3436893   3436926   TCTTATCATGTGCTTGGTGACAATTTTGTTTTTC          3436800 + 300bp
upstream_breakpoint_in     2R    3436927   3436964   GAATCCACGGAGCGGGTGCGATTTAGGGCAGGACCGAT      3436800 + 300bp
downstream_breakpoint_in   2R    3639803   3639835   ATATTTTCCCCATTCTATTTTATCCGACGAAGC           3639600 + 300bp
downstream_breakpoint_out  2R    3639836   3639873   AAACCTGCAAAGTGGAAACAATAAGCTCTATCTGCAAC      3639600 + 300bp
```


B) Normalised coverage along the *Ace1* duplication