

APPENDIX S5. Mummer visualization of assembled long reads for *Cenchrus americanus*. The *x*-axis shows the reference length; the *y*-axis shows the contig length; horizontal dashed lines represent separation between contigs; shaded gray areas represent inverted repeats; upward purple lines represent contigs in same direction as the reference; downward blue lines represent reverse contigs. In this case, there are two contigs: one starting at the second inverted repeat and finishing at the end of the second repeat, and another covering only the short single copy region.

