

**APPENDIX S6.** Mummer visualization of assembled long reads for *Phytelephas aequatorialis*. 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 numerous contigs (multiple horizontal dashed lines).

