**Supplemental Fig. 1.** Flow cytometry data from TifBlair and PI 647884 when samples were co-chopped.

**Supplemental Fig. 2.** Primer pair S95 was used to amplify all *Eremochloa* accessions listed in this study. T89 is a bermudagrass line. MW-molecular weight, NTC-no template control. Fragments above 200 bp were not scored due to complexity.

**Supplemental Fig. 3.** Primer pair S95 was used to amplify centipede grass cultivar TifBlair (TB) from plugs (1–15) or seeds (1–6). MW-molecular weight, NTC-no template control.

**Supplemental Fig. 4.** Cross-species amplification using *Eremochloa* primer pair S28. From left to right, 50–350 bp size standard, TifBlair, PI 647884, Tift 99B, Tift 454, Mp313E, Mp313E x Mp715, bull paspalum 1, bull paspalum 2, Sealsle1, Sealsle 2000, BTx623, and IS3620C.
Supplemental Fig. 4