Construction of a high-density linkage map and QTL mapping for important agronomic traits in *Stylosanthes guianensis* (Aubl.) Sw.

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Table S5. Shapiro-Wilk normality tests of the yield-related traits for F_2 population derived from the cross between TPRC1979 (female) and TPRCR273 (male) of *Stylosanthes guianensis*. FW: fresh weight; DW: dry weight; FW/DW: the fresh weight: dry weight ratio; PH: plant height; PBN: primary branch number; PW: plant width; LB: the maximum length of branches; LL: leaf length; LW: leaf width; LL/LW: the leaf length: leaf width ratio.

Traits	Skewness	Kurtosis	Shapiro-Wilk tests	
			Statistic	P values（pr<w）
FW	0.22	-0.48	0.987	0.057
FW/DW	1.88	12.45	0.893	0.000
DW	0.37	-0.02	0.987	0.070
PH	0.14	-0.66	0.986	0.053
PBN	-0.87	0.92	0.943	0.000
PW	0.2	0.57	0.989	0.149
LB	0.33	0.8	0.991	0.263
LL	0.09	0.03	0.996	0.894
LW	0.57	0.23	0.972	0.001
LL/LW	0.43	0.2	0.987	0.078