

Supplementary Material

Constitutively overexpressing a tomato fructokinase gene (*LeFRK1*) in cotton (*Gossypium hirsutum* L. cv. Coker 312) positively affects plant vegetative growth, boll number and seed cotton yield

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Table S1. Number of matured bolls/plant, seed-cotton mass/boll (SCM/boll), and calculated values of seed-cotton mass/plant (SCM/plant) for cotton plants over-expressing *LeFRK1* (lines 2-2a, 19-3a and 35-1a) and segregating nulls (N, *LeFRK1* non-expressing) from experiment 1

The values are the mean \pm standard deviation ($n = 4-5$ plants/line). Asterisks indicate P -values comparing means for the *LeFRK1* lines with the means for the nulls. ** $P < 0.01$, and *** $P < 0.001$ based on a Student's t -test

Genotype	Bolls	SCM/boll (g)	SCM/plant (g)
N	8 \pm 2	2.72 \pm 0.35	22 \pm 6
2-2a	11 \pm 4	4.23 \pm 0.43***	46 \pm 11**
19-3a	14 \pm 2**	3.72 \pm 0.26**	51 \pm 10***
35-1a	14 \pm 3**	3.49 \pm 0.18**	49 \pm 14**