

Table S2 KEGG enrichment categories of DEGs selected by different strategies

Fiber traits	DEG numbers	Top5 KEGG pathways
Fiber length	112 DEGs	Ko00073
		Cutin, suberine and wax biosynthesis
		Ko00380
		Tryptophan metabolism
		Ko00620
		Pyruvate metabolism
		Ko00030
		Pentose phosphate pathway
		Ko00051
Fiber strength	43 DEGs	Fructose and mannose metabolism
		Ko00240
		Pyrimidine metabolism
		Ko03410
		Base excision repair
		Ko04016
		MAPK signaling pathway - plant
		Ko00020
		Purine metabolism
Fiber quality	423 DEGs	Ko03015
		mRNA surveillance pathway
		Ko04141
		Protein processing in endoplasmic reticulum
		Ko04145
		Phagosome
		Ko00010
		Glycolysis / Gluconeogenesis
		Ko00040
		Pentose and glucuronate interconversions
		Ko00100
		Steroid biosynthesis