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(54) Title: COMPOSITIONS AND METHODS FOR REDUCING CAFFEINE CONTENT IN COFFEE BEANS

(57) Abstract: A coffee plant comprising a genome comprising a loss of function mutation in a nucleic acid sequence encoding at least one component of a caffeine biosynthesis pathway is disclosed. Methods of producing a coffee plant or part thereof, methods of producing coffee beans with reduced caffeine content, and methods of producing coffee with reduced caffeine content are also disclosed.