Accepted Manuscript

Over-expression of 3-hydroxy-3- methylglutaryl-coenzyme A reductase 1 (*hmgr1*) gene under super-promoter for enhanced latex biosynthesis in rubber tree (*Hevea brasiliensis* Muell. Arg.)

R. Jayashree, P.A. Nazeem, K. Rekha, S. Sreelatha, A. Thulaseedharan, R. Krishnakumar, R.G. Kala, M. Vineetha, P. Leda, U. Jinu, P. Venkatachalam

PII: S0981-9428(18)30169-4

DOI: 10.1016/j.plaphy.2018.04.011

Reference: PLAPHY 5216

To appear in: Plant Physiology and Biochemistry

Received Date: 24 November 2017

Revised Date: 10 April 2018
Accepted Date: 10 April 2018

Please cite this article as: R. Jayashree, P.A. Nazeem, K. Rekha, S. Sreelatha, A. Thulaseedharan, R. Krishnakumar, R.G. Kala, M. Vineetha, P. Leda, U. Jinu, P. Venkatachalam, Over-expression of 3-hydroxy-3- methylglutaryl-coenzyme A reductase 1 (*hmgr1*) gene under super-promoter for enhanced latex biosynthesis in rubber tree (*Hevea brasiliensis* Muell. Arg.), *Plant Physiology et Biochemistry* (2018), doi: 10.1016/j.plaphy.2018.04.011.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

1	Over-expression of 3-hydroxy-3- methylglutaryl-coenzyme A reductase 1 (hmgr1)
2	gene under super-promoter for enhanced latex biosynthesis in rubber tree (Hevea
3	brasiliensis Muell. Arg.)
4	
5 6	R. Jayashree ^{a,*} , P.A. Nazeem ^b , K. Rekha ^a , S. Sreelatha ^a , A. Thulaseedharan ^a , R. Krishnakumar ^a , R.G. Kala ^a , M. Vineetha ^{a,c} , P. Leda ^a , U. Jinu ^d , P. Venkatachalam ^{a,d,*}
7 8 9 10 11 12 13 14	 ^aAdvanced Center for Molecular Biology and Biotechnology, Rubber Research Institute of India, Kottayam-686 009, Kerala, India. ^bDepartment of Bioinformatics, Centre for Plant Biotechnology Molecular Biology, Kerala Agricultural University, Thrissur, Kerala, India. ^cDepartment of Microbiology, Government Arts & Science College, Palakkad, Kerala, India. ^dDepartment of Biotechnology, Periyar University, Salem-636011, Tamil Nadu, India
14 15	*For Correspondence: Telephone- 91- 9952609915;
16	E-mail:pvenkat67@yahoo.com and radha_jayasree@rediffmail.com
17 18	
19	
20 21	Over expression of laticifer specific hmgr1 gene in Hevea brasiliensis
22	
23 24	
25	
26 27 28 29 30 31 32 33 34 35	
37	
38	
39	
40	

Download English Version:

https://daneshyari.com/en/article/8353132

Download Persian Version:

https://daneshyari.com/article/8353132

<u>Daneshyari.com</u>