Correction to: Purification of dual-functioning chitinases with hydrolytic and antifreeze activities from *Hippophae rhamnoides* seedlings

Bhavana Sharma¹ · Ravi Gupta² · Dinabandhu Sahoo³ · Renu Deswal¹

Published online: 24 April 2019
© Springer Nature Singapore Pte Ltd. 2019

Correction to:

Journal of Proteins and Proteomics (2019) 10:69–81
<https://doi.org/10.1007/s42485-019-00007-9>

Unfortunately, an error occurred in Fig. 5. The corrected Fig. 5 is given below.

The original article can be found online at <https://doi.org/10.1007/s42485-019-00007-9>.

✉ Renu Deswal
rdeswal@botany.du.ac.in; deswalr@hotmail.com

¹ Molecular Physiology and Proteomics Laboratory,
Department of Botany, University of Delhi, Delhi 110007,
India

² Department of Plant Bioscience, College of Natural
Resources and Life Sciences, Pusan National University,
Miryang, South Korea

³ Department of Biotechnology, Institute of Bioresources
and Sustainable Development, Imphal, Manipur, India

(a) HrS CHT1a

XP_006601470.1, uncharacterized protein

Identifier	HrS CHT1a Interacting Partners
DHFR-TS	Bifunctional dihydrofolate reductase-thymidylate synthase Key enzyme in folate metabolism.
GLYMA04G01244	Denovo glycine & purine synthesis, DNA precursor synthesis
GLYMA11G06620	Denovo glycine & purine synthesis, Nucleotide metabolism
GLYMA04G06771	Denovo glycine & purine synthesis Nucleotide metabolism
GLYMA12G04480	Denovo glycine & purine synthesis, Nucleotide metabolism
GLYMA16G25795	Denovo glycine & purine synthesis, Nucleotide metabolism

Growth and Development responses

(b) HrS CHT1b

VCLA_PEA, Provicillin

Identifiers	HrS CHT1b Interacting Partners
CRU 3	Cruciferin : Seed storage protein
GEA 6	Stress induced protein for dessication tolerance Encode LEA gene in response to ABA.
AT1G04660	Glycine-rich protein
AT4G19820	Glycosyl hydrolase family protein with chitinase domain
PAP85	Cupin family protein; Seed storage protein
AT3G01570	Oleolin family protein; structural role to stabilize lipid body during desiccation of seed.
AT3G18570	
AT5G18990	Pectinesterase : cell wall modification
SESA4	Seed storage albumin 4; a seed storage protein
AT5G47480	Protein export from endoplasmic reticulum to Golgi
AT2G29370	Tropine dehydrogenase

Growth, Pathogenic protection and Dessication tolerance

Fig. 5 In silico string analysis to identify the protein–protein interaction networks of purified chitinases HrS CHT1a and HrS CHT1b