Theor Appl Genet (2008) 117:829
DOI 10.1007/s00122-008-0814-3

ERRATUM

Expression of a *Bacillus thuringiensis* toxin (*cry1Ab*) gene in cabbage (*Brassica oleracea* L. var. *capitata* L.) chloroplasts confers high insecticidal efficacy against *Plutella xylostella*

Cheng-Wei Liu · Chin-Chung Lin · Jinn-Chin Yiu · Jeremy J. W. Chen · Menq-Jiau Tseng

Published online: 17 June 2008

Erratum to: Theor Appl Genet (2008) 117:75–88
DOI 10.1007/s00122-008-0754-y

Unfortunately during writing up the "Materials and methods" a mixing of two protocols took place. We regret this mistake. Here we state the exact protocol used: transformation procedures were as follows: explants were plated onto L1 medium (MS supplements, 3% sucrose, 0.04% MES, 0.05 mg/l $AgNO_3$ and 0.7% Bacto-agar pH 5.7), and cultured in dark conditions. Two days later, transformed samples were cut into 9 mm^2 pieces and were transplanted to new L2 medium containing 50 mg/l spectinomycin for callus-induction and primary antibiotic selection. Transformed explants were sub-cultured every 2 weeks until new shoots appeared. Over 4–6 weeks, the tissue was then transferred onto new L2 medium containing 100 mg/l spectinomycin dihydrochloride for recipient leaf section bleaching. Survival shoots were transferred to L3 medium (MS supplements, 3% sucrose, 0.04% MES, 0.1 mg/l Picloram, 0.2 mg/l BA, 0.05 mg/l $AgNO_3$, 200 mg/l spectinomycin, 200 mg/l streptomycin, and 0.7% Bacto agar pH 5.7) for rooting. After screening, the rooted shoots were further transferred to L4 medium (MS supplements, 3% sucrose, 0.04% MES, and 0.6% Bacto agar pH 5.7) for full plantlet formation. Finally, the surviving transformants were transplanted and hardened off in L5 medium (1/2 MS basic medium, 3% sucrose, and 0.6% Bacto agar pH 5.7). Hardened plants with sufficient shoots, leaves and roots were finally transferred to potted soil and grown in growth chambers.

The preparation of the gold particles was performed according to the Biolistic PDS-1000/He Particle Delivery System.pdf files (Bio-Rad).

The online version of the original article can be found under doi:10.1007/s00122-008-0754-y.

C.-W. Liu (✉)
Department of Post-Modern Agriculture,
Ming Dao University, Chang Hua 523, Taiwan ROC
e-mail: chad888@mdu.edu.tw

C.-C. Lin · J. J. W. Chen
Institute of Molecular Biology,
National Chung-Hsing University,
Taichung 402, Taiwan ROC

J.-C. Yiu
Department of Horticulture,
National Ilan University, I-Lan 260, Taiwan ROC

J. J. W. Chen
Institute of Biomedical Sciences,
National Chung-Hsing University,
Taichung 402, Taiwan ROC

M.-J. Tseng (✉)
Department of Horticulture, National Chung-Hsing University,
Taichung 402, Taiwan ROC
e-mail: mjtseng@dragon.nchu.edu.tw