Metabolomic characterization of the possible involvement of a Cytochrome P450, CYP81F4, in the biosynthesis of indolic glucosinolate in *Arabidopsis*

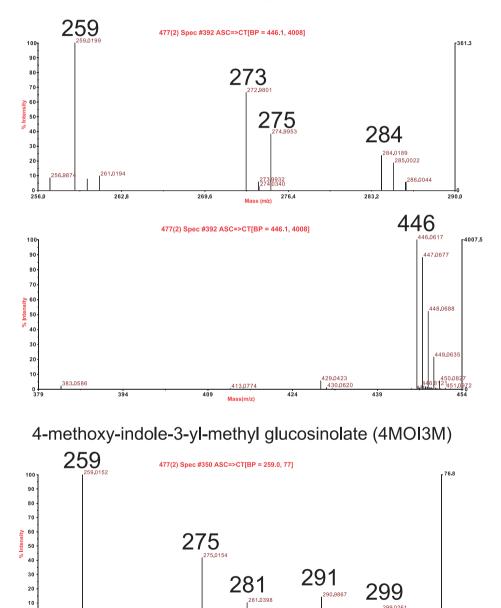
[Plant Biotechnol. 28(4): 379-385 (2011)]

253.0

263.8

© 2011 The Japanese Society for Plant Cell and Molecular Biology

307.0



1-methoxy-indole-3-yl-methyl glucosinolate (1MOI3M)

Supplemental Figure 1. Fragment ions produced from 1-methoxy-indole-3-yl-methyl glucosinolate (1MOI3M, Retention time = 19.3 min) and 4-methoxy-indole-3-yl-methyl glucosinolate (4MOI3M, Retention time = 17.0 min) in the LC/LIT-TOFMS. The fragment ions of m/z = 284 and 446 were used to clarify 1MOI3M; and those of m/z = 291 and 299 were ascribed to 4MOI3M, according to the previously described results (Rochfort et al. 2008; Cataldi et al. 2007).

Mase (m/z

285.4

296.2

274.6