

### 4.3.2.2 At3g23770: GH17, Glucan endo-1,3- $\beta$ -glucosidase

Col is enriched in methyl ester (1747 and 1234  $\text{cm}^{-1}$ ). The mutant is enriched in cellulose (1164, 1122, 1056, and 1037  $\text{cm}^{-1}$ ) and carboxylate ions of pectin (1596 and 1427  $\text{cm}^{-1}$ ).

