

#### 4.5.1 At3g43270, AtPME: Pectin methyl esterase (Group D)

Col is relatively enriched in carboxylates ( $1604$  and  $1427$   $\text{cm}^{-1}$ ). The mutant is relatively enriched in an ester ( $1759$  and  $1227$   $\text{cm}^{-1}$ ) and an unassigned absorbance ( $1022$   $\text{cm}^{-1}$ ). PC loading 4 indicates that the mutant is enriched in methyl ester ( $1743$  and  $1226$   $\text{cm}^{-1}$ ) and an unassigned absorbance ( $1018$   $\text{cm}^{-1}$ ).

