

### 1.3 At4g37970, AtCAD3: cinnamoyl alcohol dehydrogenase3

Col has relatively more protein ( $1651\text{ cm}^{-1}$ ) and phenolic components ( $1520\text{ cm}^{-1}$ ), perhaps more glucan ( $1122$ ,  $1060$  and  $1041\text{ cm}^{-1}$  in PC loading 4). Mutant is relatively enriched in phenolic ester ( $1728\text{ cm}^{-1}$ ) and methyl ester ( $1739\text{ cm}^{-1}$ ), and in carbohydrates ( $1153$ ,  $1099$ ,  $1072$ ,  $1049$ ,  $1011$ ,  $960\text{ cm}^{-1}$ ). Note similar spectrotype to AtCAD1.

