## 2.4 At3g14570, AtGSL4: Callose synthase4

Col is relatively enriched in protein (1647 and 1524 cm<sup>-1</sup>). PC loading 4 indicates that Col is enriched in absorbances of β-glucans (1172, 1114, 1064 and 1041 cm<sup>-1</sup>). The mutant is relatively enriched in an ester (1728 and 1246 cm<sup>-1</sup>), pectin (1103 and 1018 cm<sup>-1</sup>), and unassigned absorbances (1061, 998, and 948 cm<sup>-1</sup>). Note similar spectrotype to AtGSL7.

