Additional file 14

A  Glucose alone  0h after 2h

B  Q0  0h after 2h

C  Q56  0h after 2h

D  E  Normalized peak intensity 124  Normalized peak intensity 60

Intensity (a.u.) 0h after 2h

Normalized peak intensity 124  Normalized peak intensity 60
BY4717 Q0-YFP 2h

BY4741 Q56-YFP 2h

BY4717 Q0-YFP 2h

BY4741 Q56-YFP 2h

G

Carbonate

Carbonate