Total amount of protein (ng) contained in the glandular cells/trichome

Green Fruit Calyx Leaf

10 8 6 4 2 0

TGC sampling from tomato type-VI trichomes (n = 150)

Protein extraction with 20 μL of 8M urea lysis solution

Methanol-chloroform precipitation of extracted proteins

Reconstitution of precipitated proteins with 15 μL of 0.01% SDS

Protein assay using 10 μL of protein solution

A

B

![Bar chart showing the total amount of protein in Green Fruit, Calyx, and Leaf](chart.png)