

Supplementary Figure S1

Q. ilex leaf proteomic shotgun analysis
(4470 identified proteins)

- Three biological replicates per condition.
- Conditions: provenance (C, G, H, S); treatment (Control, Drought); sampling times (17, 24 days after drought)

Selected proteins based on confidence parameters and
response to drought

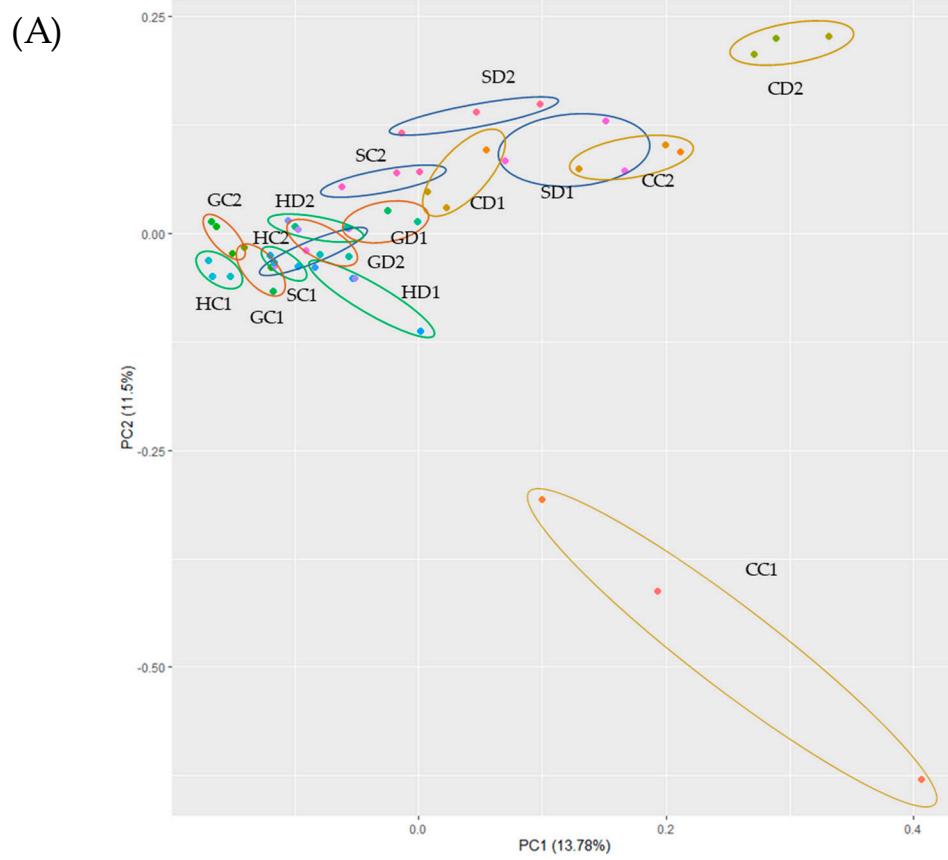
- Score ≥ 2 ; at least 2 peptides/protein 2920
- Total variable proteins ($p \geq 0.05$) more represented under drought conditions:
 - at both sampling times 380
 - present in at least 2 populations 48

Identification and quantification of target peptides
(Skyline)

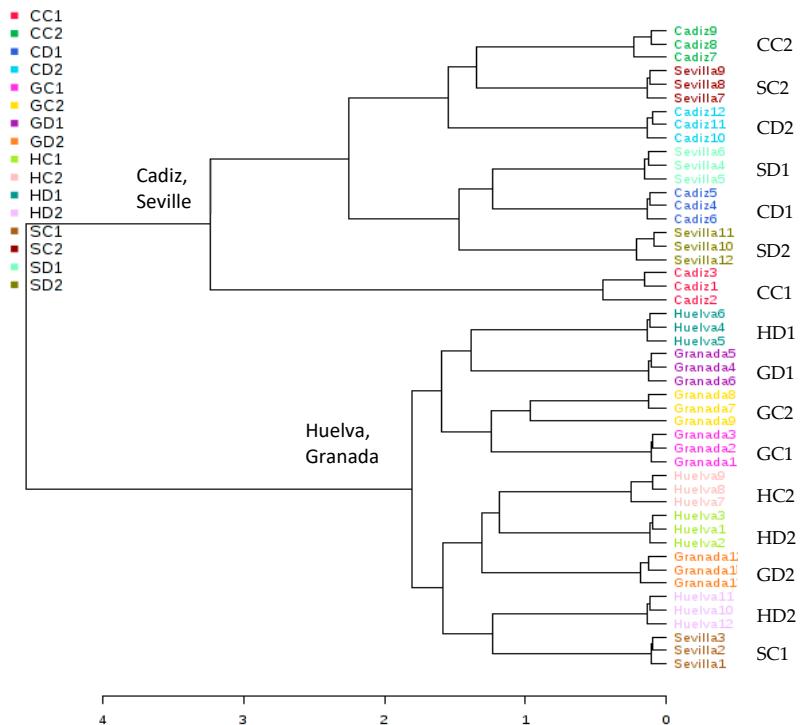
- Quantification of proteotypic peptides (Skyline) 159
- Variable peptides (ANOVA, $p \geq 0.05$) more represented in drought conditions 71

Selection of putative peptide markers
(peptides and proteins better represented in at least two populations)
46 peptides from 30 proteins

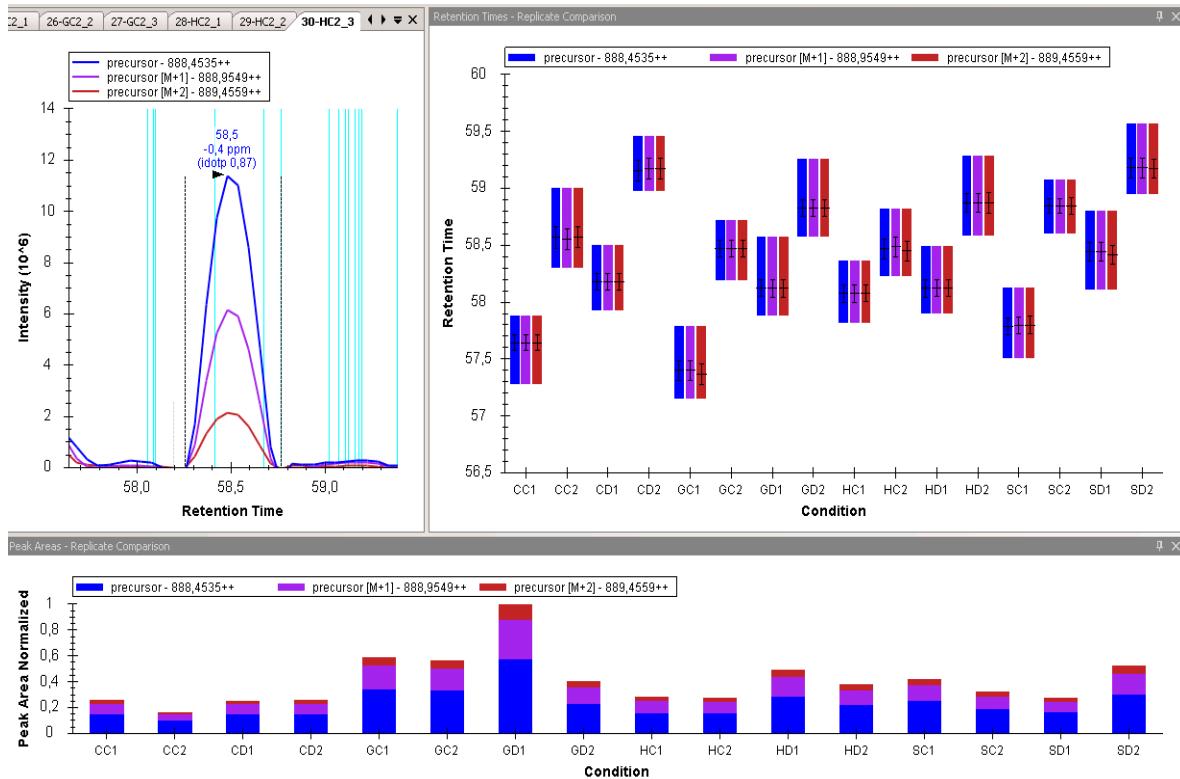
Supplementary Figure S2



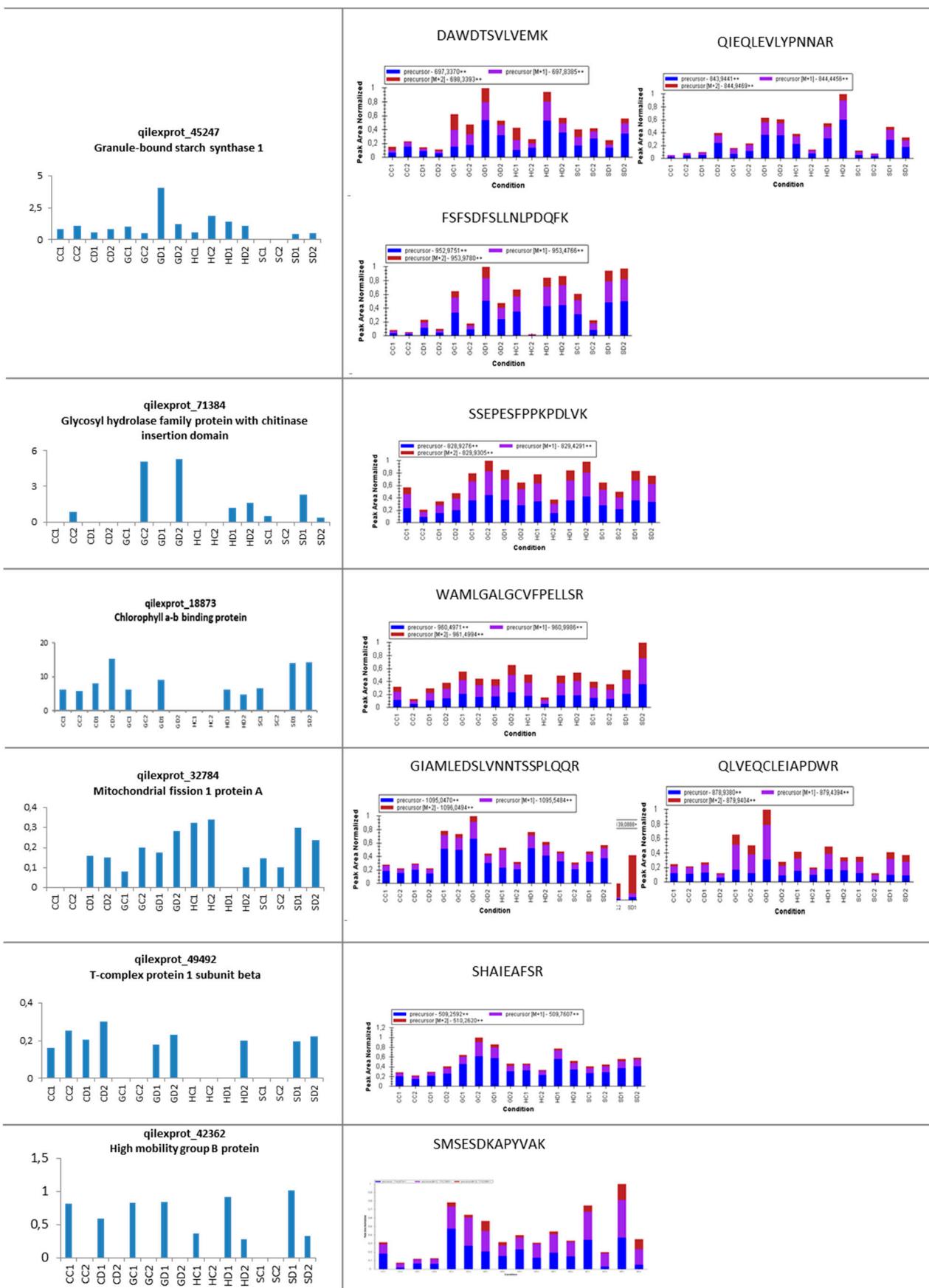
(B)

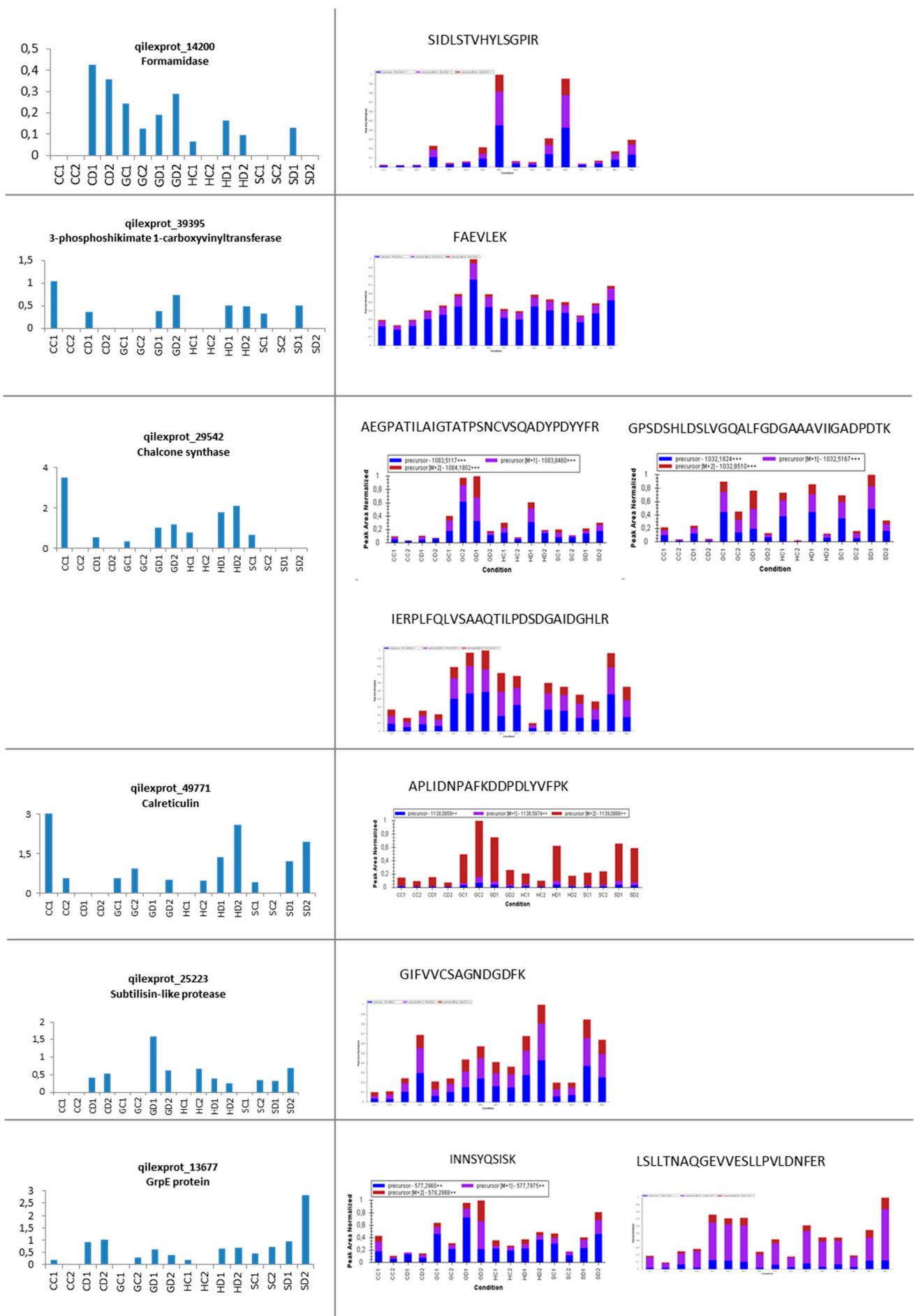


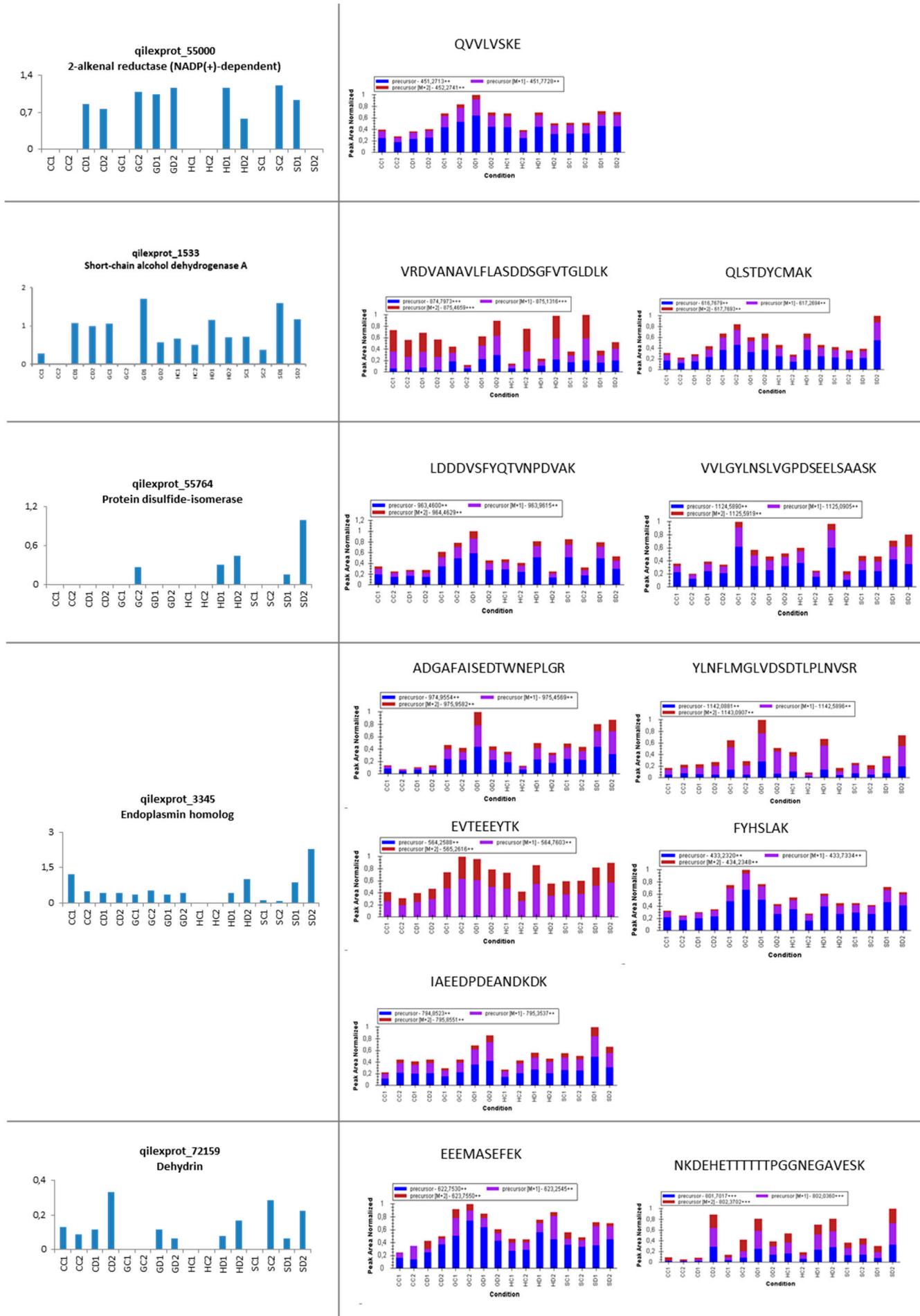
Supplementary Figure S3

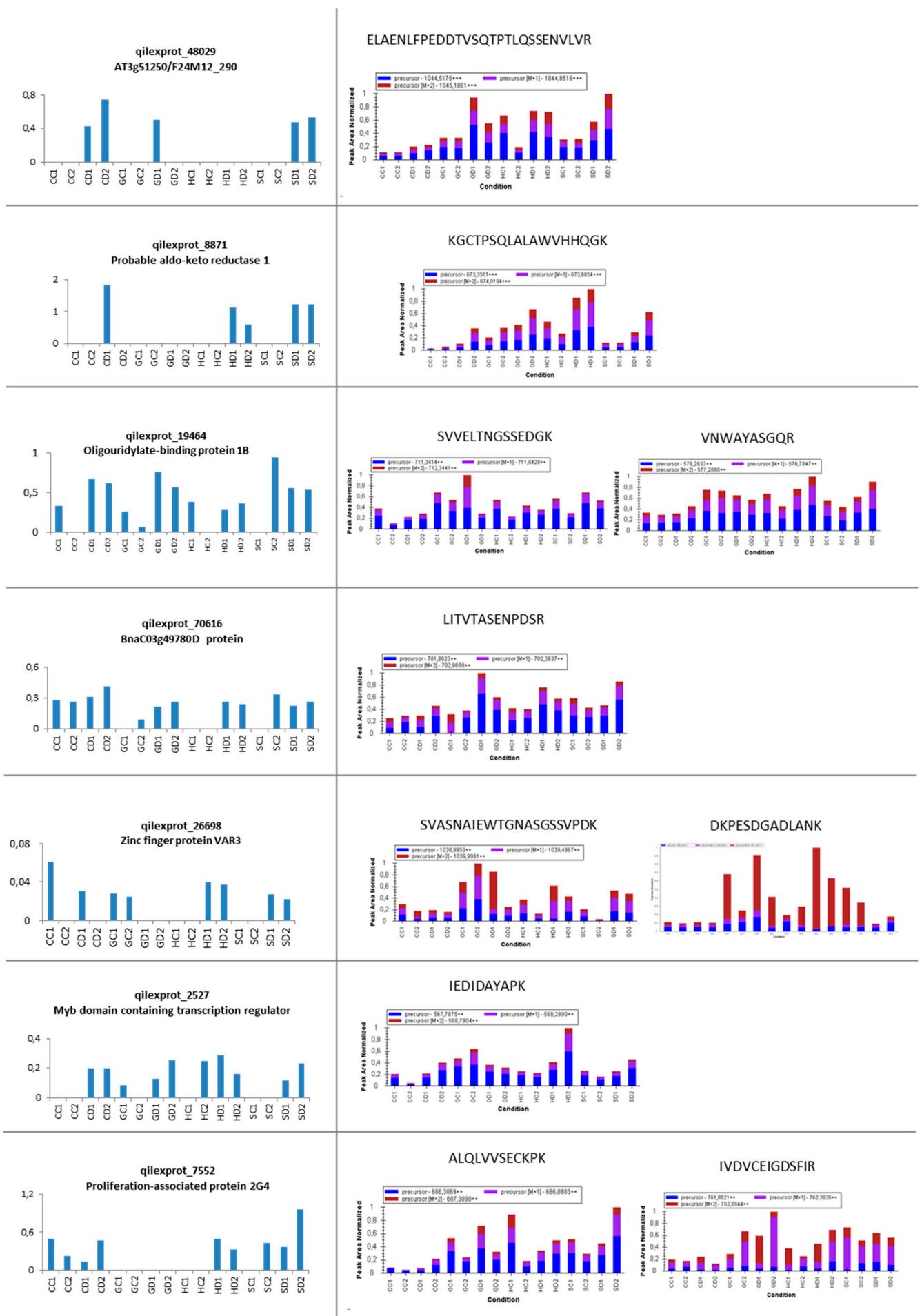


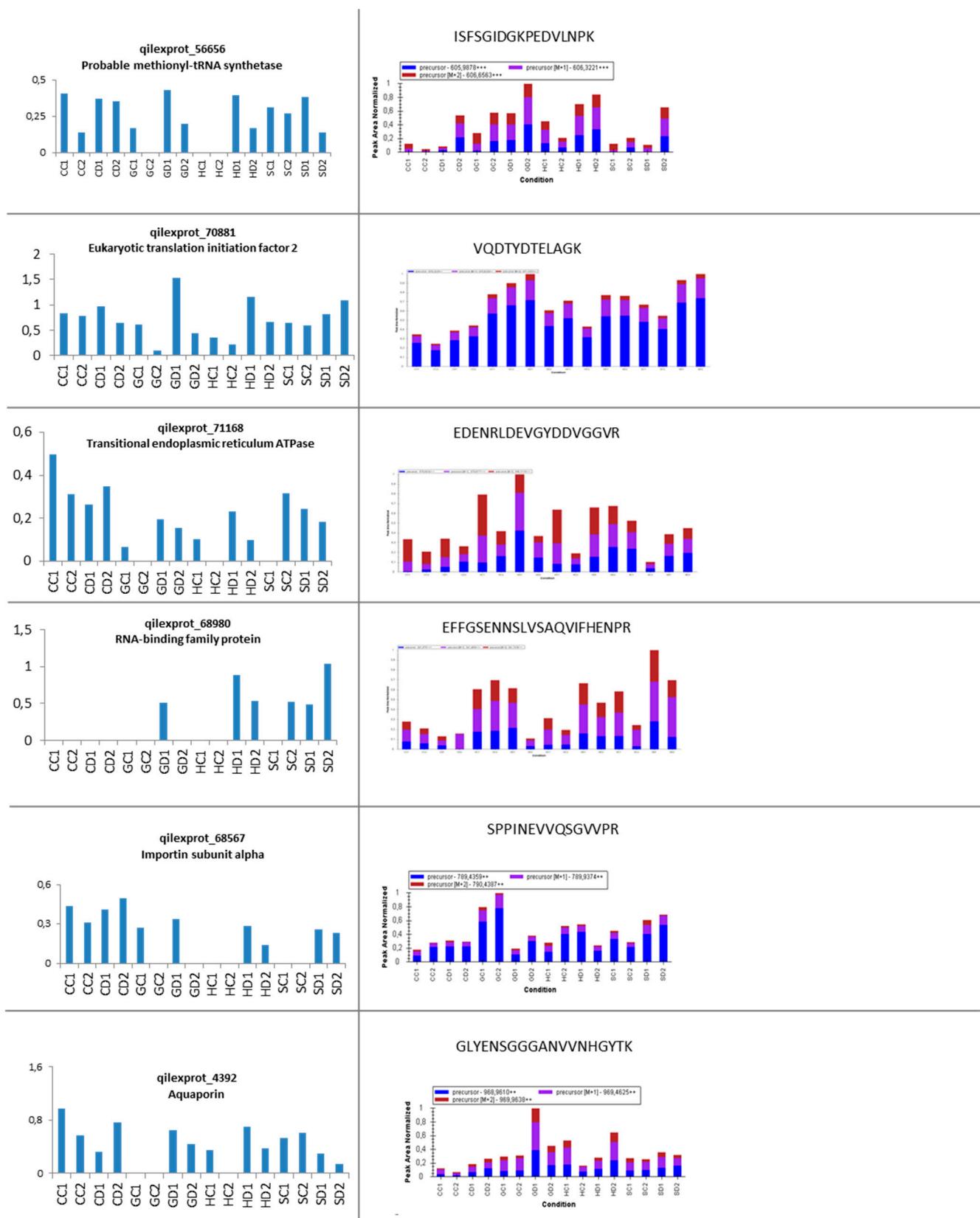
Supplementary Figure S4



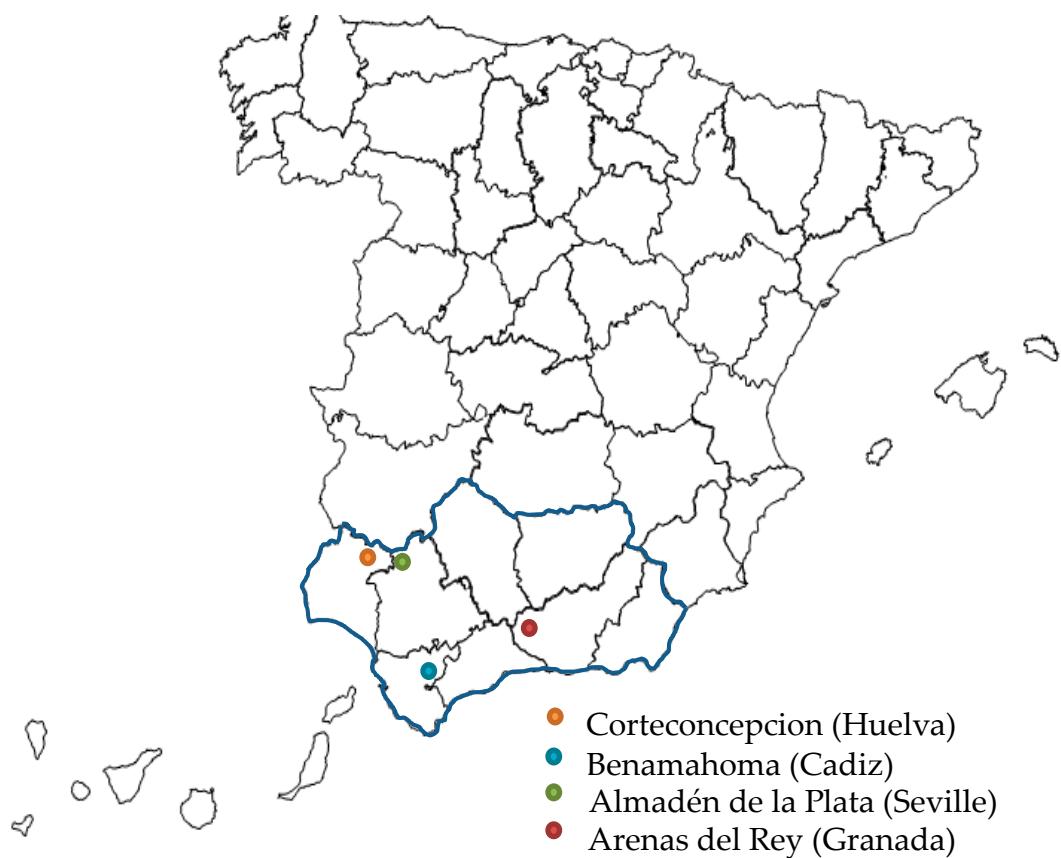




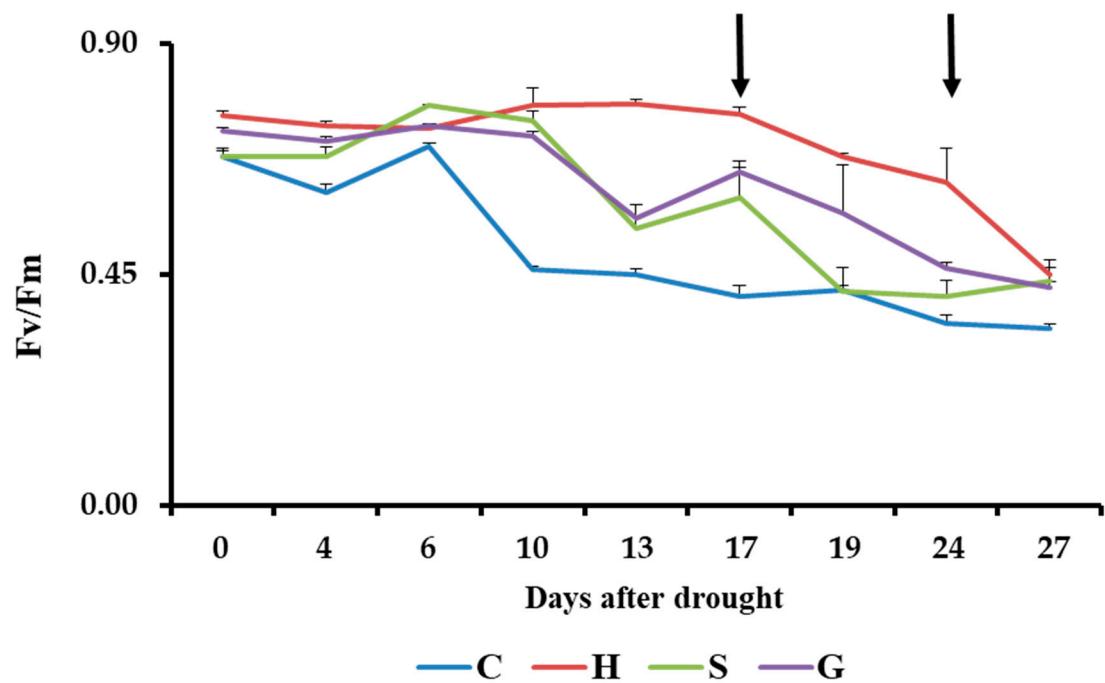




Supplementary Figure S5



Supplementary Figure S6



Supplementary Figure S7

