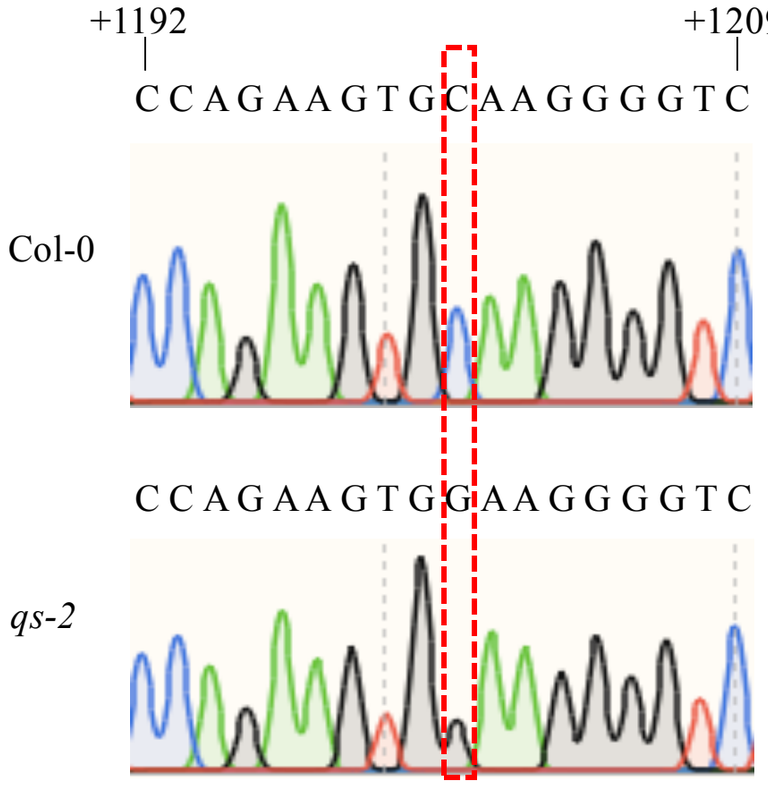
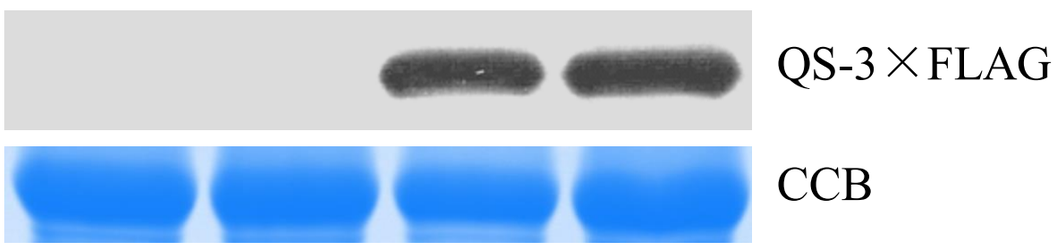
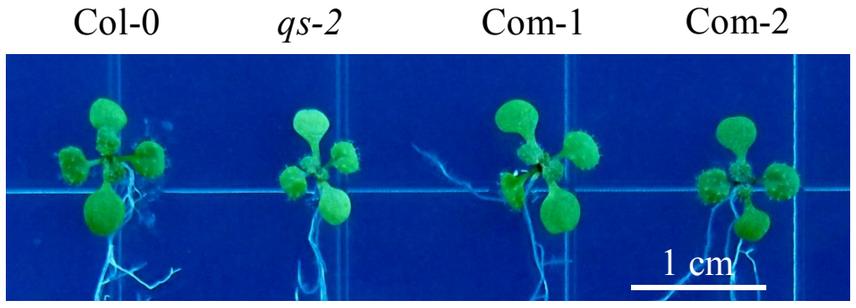
A


+1192
+1209
C C A G A A G T G C A A G G G G T C
Col-0
C C A G A A G T G G A A G G G G T C
qs-2

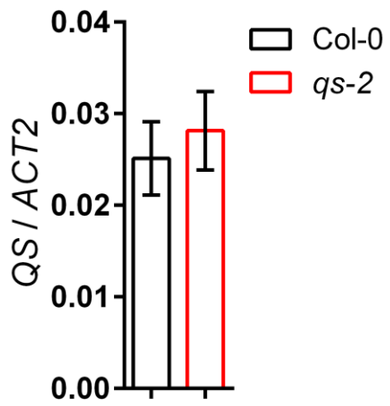
C


Col-0
qs-2
Com-1
Com-2
QS-3×FLAG
CCB

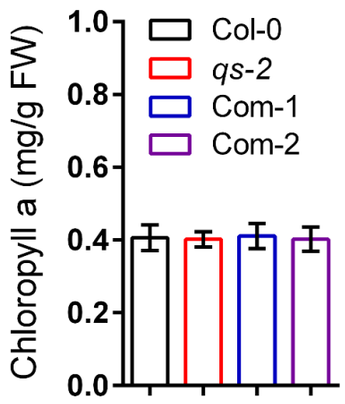
D


Col-0
qs-2
Com-1
Com-2
1 cm

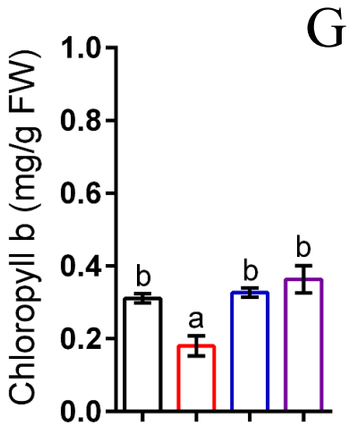
B


QS / ACT2
0.04
0.03
0.02
0.01
0.00
Col-0
qs-2

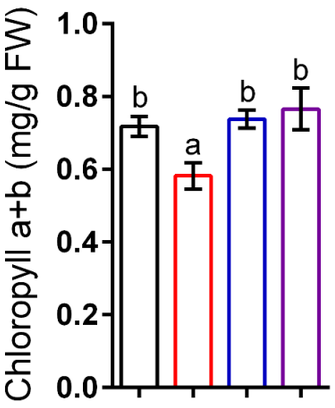
E


Chloropyll a (mg/g FW)
1.0
0.8
0.6
0.4
0.2
0.0
Col-0
qs-2
Com-1
Com-2

F


Chloropyll b (mg/g FW)
1.0
0.8
0.6
0.4
0.2
0.0
b
a
b
b

G


Chloropyll a+b (mg/g FW)
1.0
0.8
0.6
0.4
0.2
0.0
b
a
b
b