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R
P. 6. . . e . . a [26]. C
e. a. P PHR1-LIKE3 (P PHL3)
P
P WRKY40 [27]. O
[28]. N , SPX PHR P
J (JA)
JA P - [29]. P
[30 33



Figure 3. C SPX1
 - P1BS (P1BS)
 .Y
 A (A) C EMSA
 DNA B FC. C
 C PHR = 20 μ . E I . .
 .G, H T
 C PHR C ANR1
 N. be . a a a
 N. be . a a a
 P1BS .B YIH
 C ANR1
 C PHR
 C ANR1
 C PHR . F S
 C MYB5c. A D
 . A
 DNA (1- 100-) . D A
 C ANR1. E
 SD-L
 P1BS
 GADT7
 300 μ
 DNA. T
 C SPX1
 .S

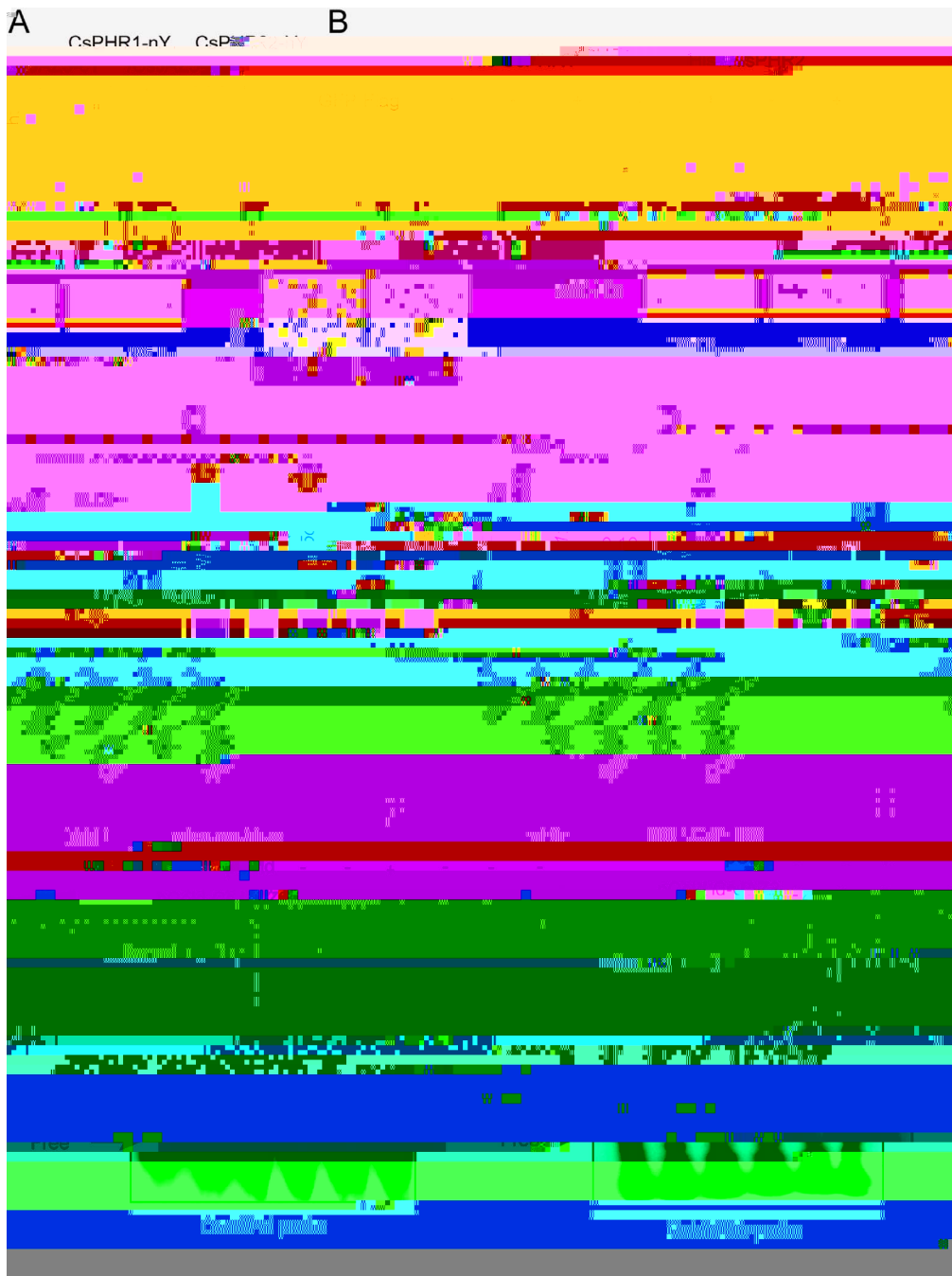


Figure 4. F
B FC. C

DNA

C JAZ3-C PHR
N. be. a a a

(ANOVA, T
C PHR2 P1BS
50 150 .S - +

C JAZ3 C PHR . C, D LUC/REN

C ANR1 (C)

±
, P < 0.05). E, F EMSA
C MYB5c (D)

. A A

. T

C JAZ3

C JAZ3 C PHR2

C PHR

C -C JAZ3

= 20 μ . B I . .

()

C PHR2- YFP

, (F .4A).

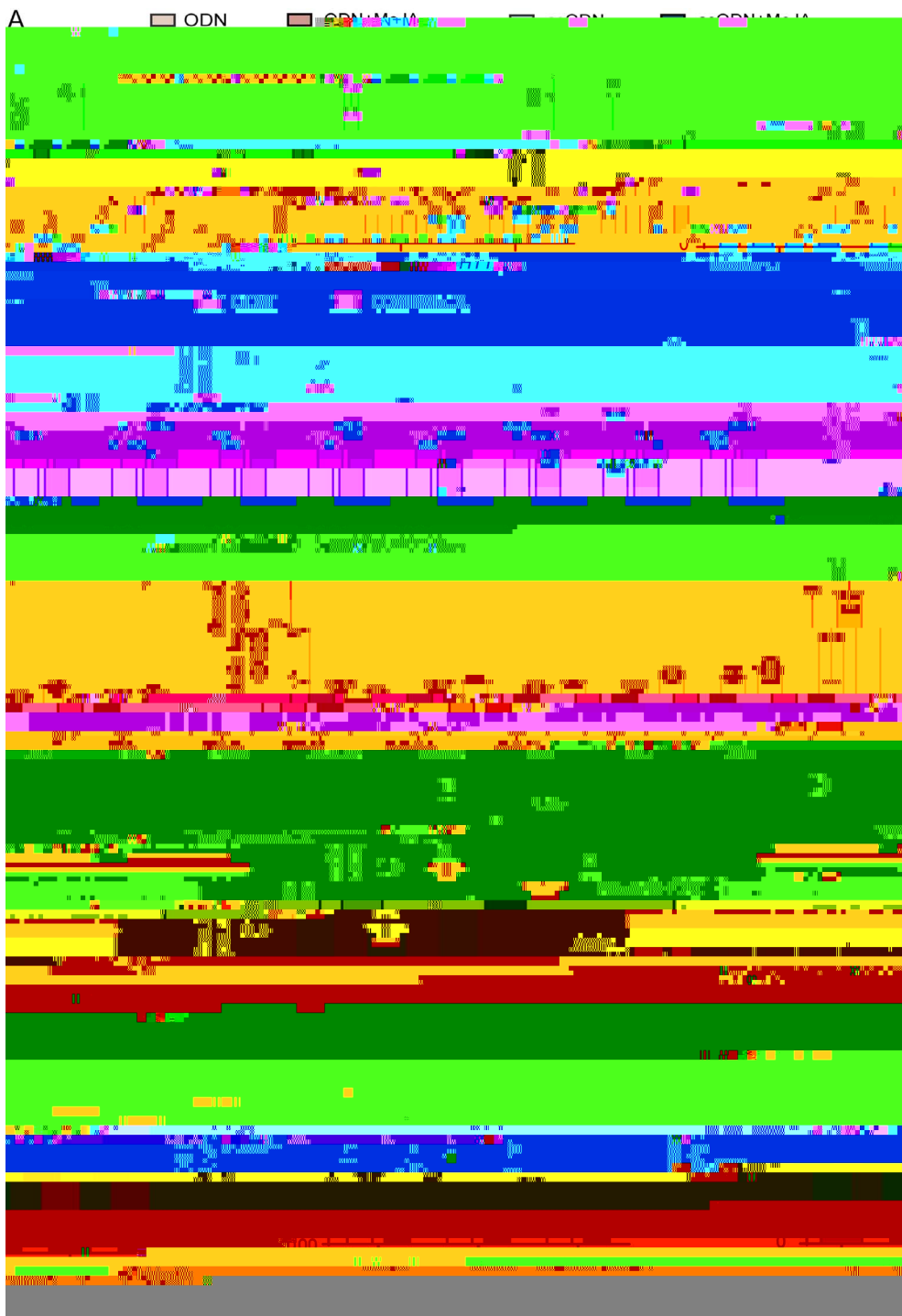


Figure 5. C PHR P JA . ART PCR C PHR ODN
M JA. C R C PHR . GAPDH . B R ODN M JA. D, E R 100 μM M JA. P
C JAZ3-F N. be . a a a 25 μM MG-132 (LUC)/Re . a (REN) 12 . E M JA P
(SK) . FT (C PHR2) . L . L MG132 (10 μM) 4 . G A P < 0.05 ANOVA.
(100 μM) M JA . D ± , C MYB5c. E , C SPX1 C PHR
C MYB5c N. . abac C, EC, EGC [9, 12]. T C PHR (F . 5), SPX PHR
P P I

P
(F . 6). T C PHR1/2-C JAZ3

[13]. T P , A ab d. 6

Materials and methods

E c e c a c . R (DE3). W OD600 . A [62], JA -
 0.6 0.8, 1 M -β- -
 (IPTG) - (SCIEX 5500+).
 . A S D F . S6D,
 MBP- C PHR1 C PHR2 C -C JAZ3
 B B IDA-N K (B , 70501).
 T L C EMSA K (P , 20148)
 C PHR -
 . MBP-C PHR1 MBP-C PHR2
 P1BS
 C -C JAZ3 20 μ . B ,
 6%
 C PHR -
 20 ,
 DNA N+
 (M). T C D XRS S (B -R)
 . P -
 S D T S1.

Accession numbers

T A (TPIA) ((:// . . //)

Dual luciferase reporter assay.

T C PHR1 C PHR2 G II
 62-SK , . T 2-
 C ANR1 1- C MYB5c
 G II 0800-LUC . G II 62-SK
 . T
 GV3101(S). T DNA C JAZ3
 CAMBIA1300 F
 C- . T C JAZ3-F
 GV3101.T N.
 be . a a 1:1 A . baç e . A D -
 L R A S (P) -
 C ANR1 C MYB5c
 . A
 (L : P L N 2048B, USA)
 LUC N. be . a a a
 1 M 5 .

Bimolecular fluorescence complementation

T DNA C PHR1 C PHR2
 YFP C SPX1 C JAZ3 YFP
 C PHR1- YFP, C PHR2- YFP, C SPX1- YFP,
 C JAZ3- YFP , . T
 YFP
 [49].

Semi-pull-down assay

F - - , N. be . a a a
 C SPX1-F , C JAZ3-F , GFP-F
 RIPA L B (S , M).
 P MBP-C PHR1 MBP-C PHR2 H (70501;
 B)
 C JAZ3-F GFP-F 1 4°C. P
 -F (G S) -H
 (P).

Jasmonate measurement

T +P/ P
 2 . Y : JA .
 L 0.1 . T
 0.7 . T
 12000 5 4°C 24 . T

References

1. F CG, C KD, K DO. *e. a. T*

