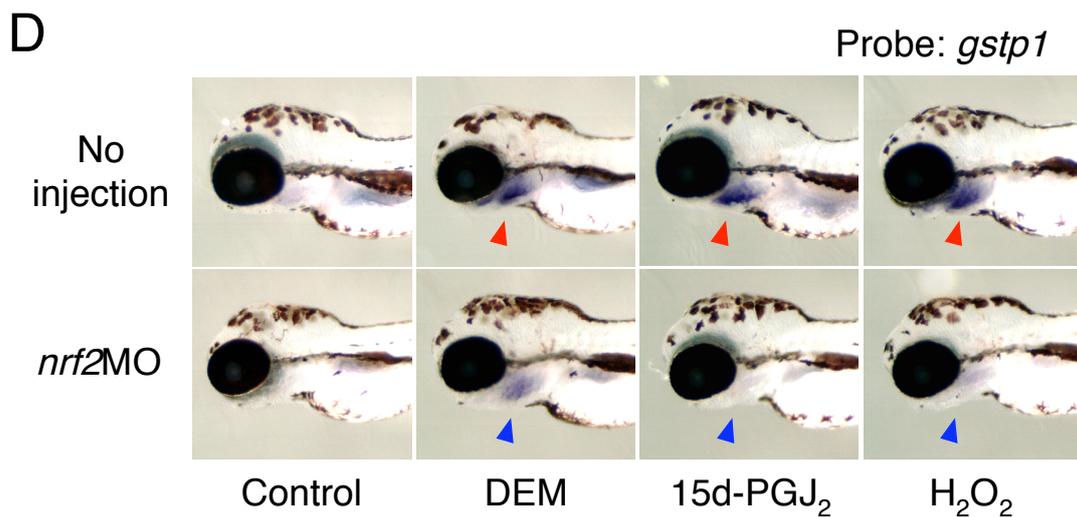
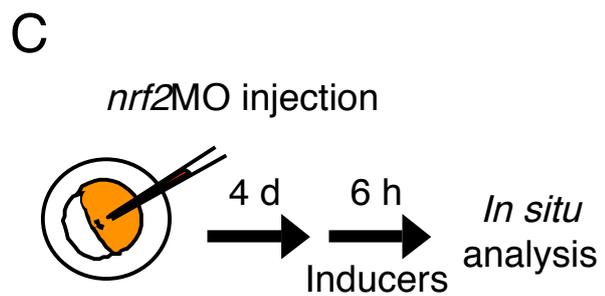
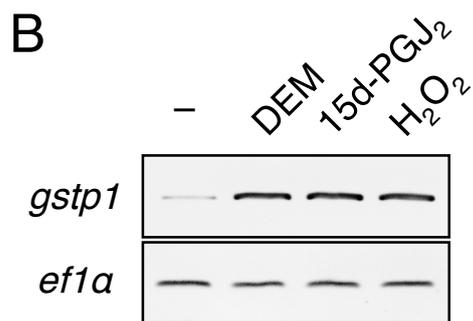
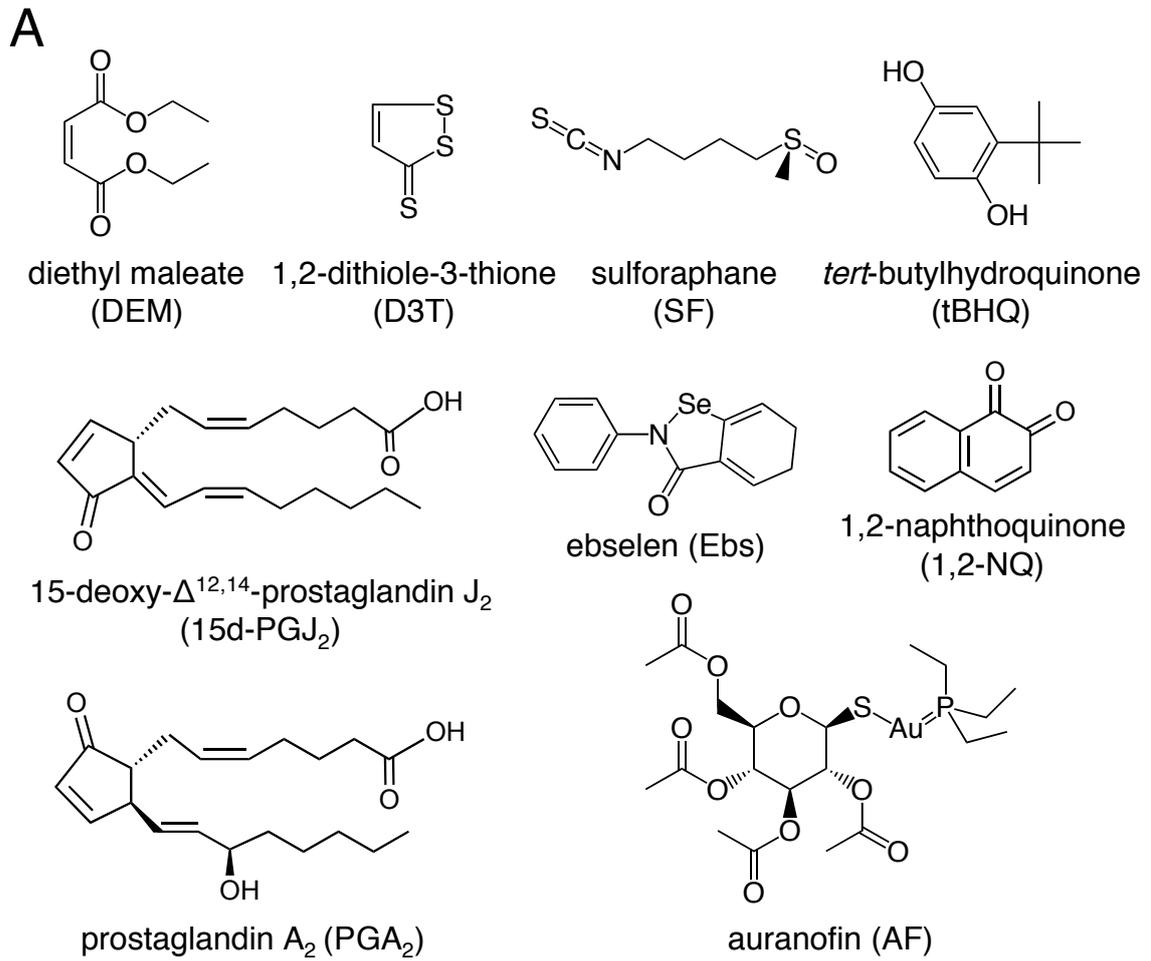
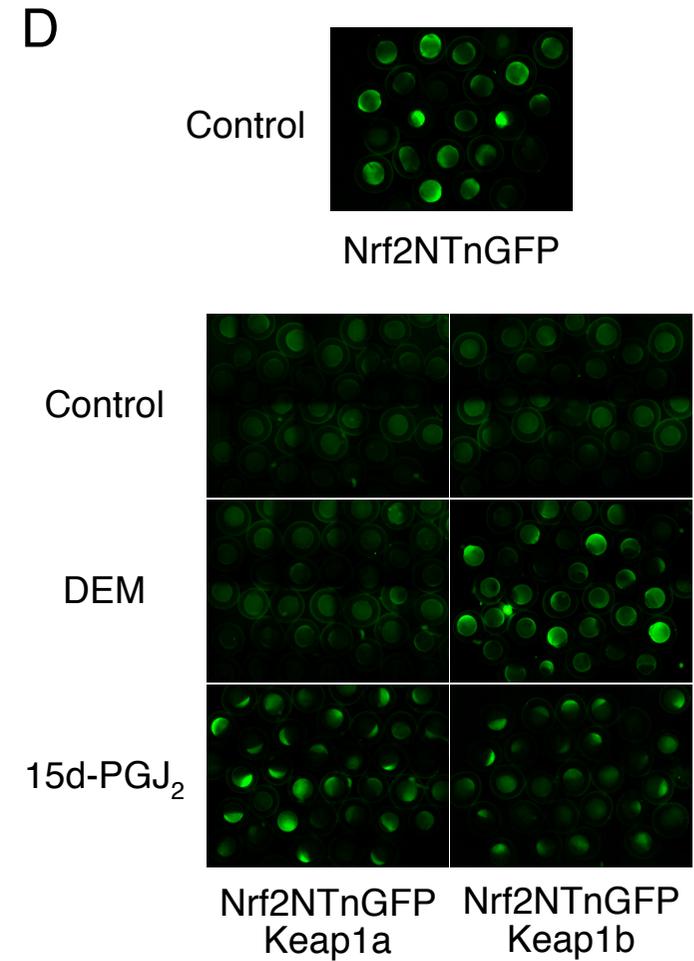
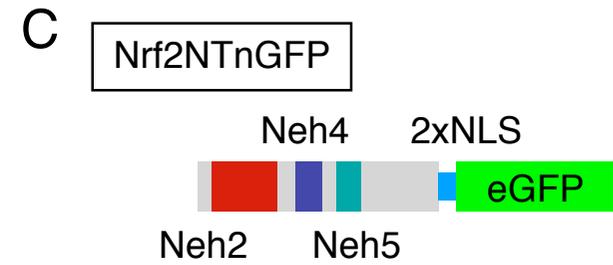
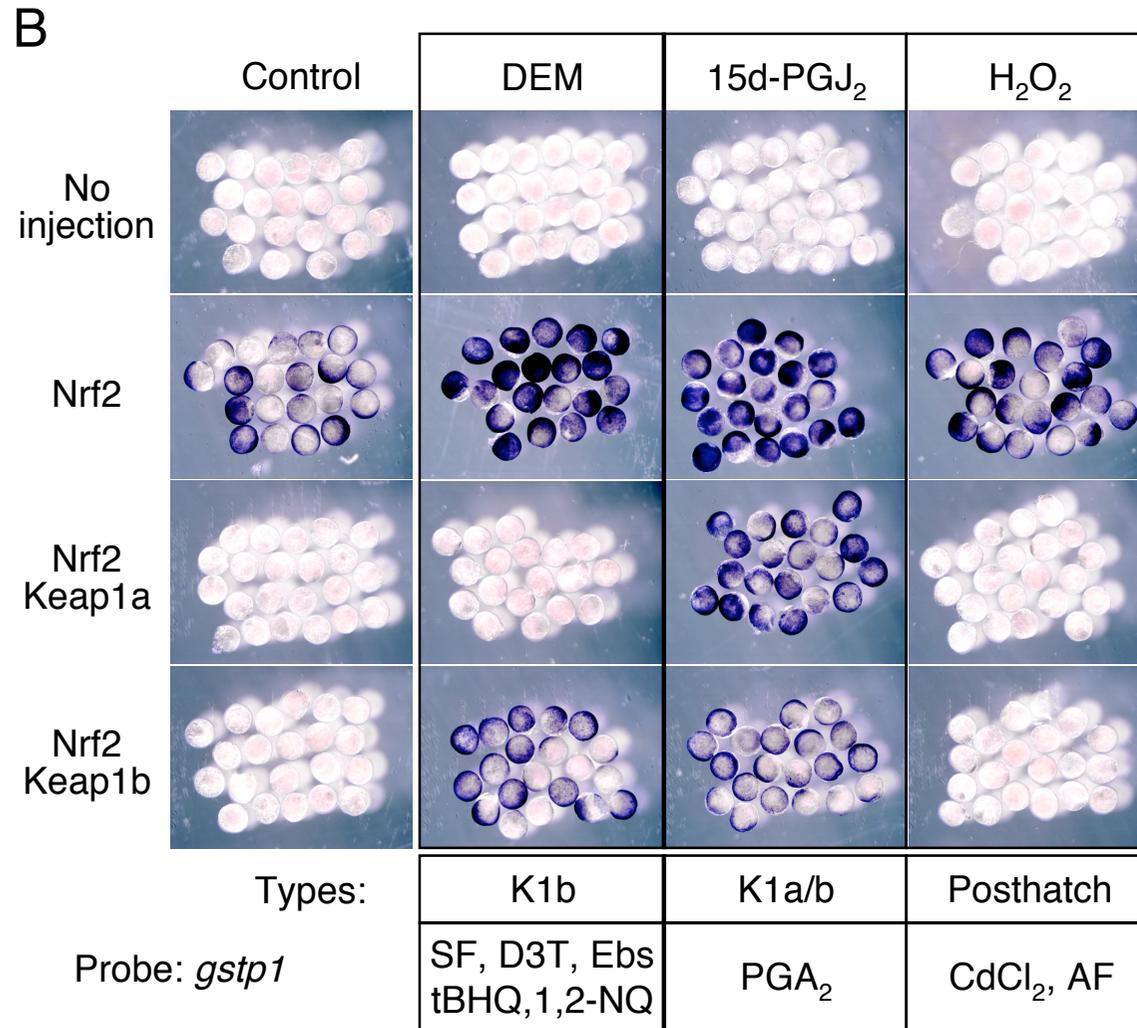
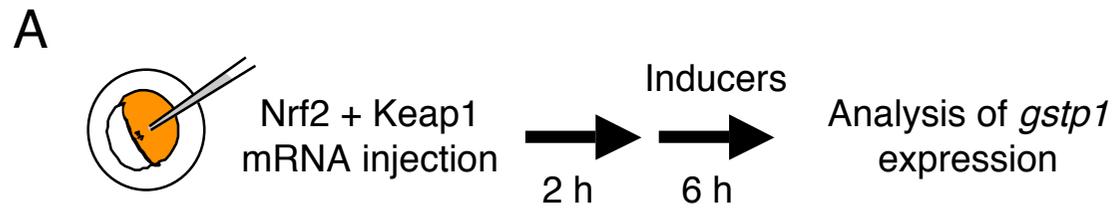


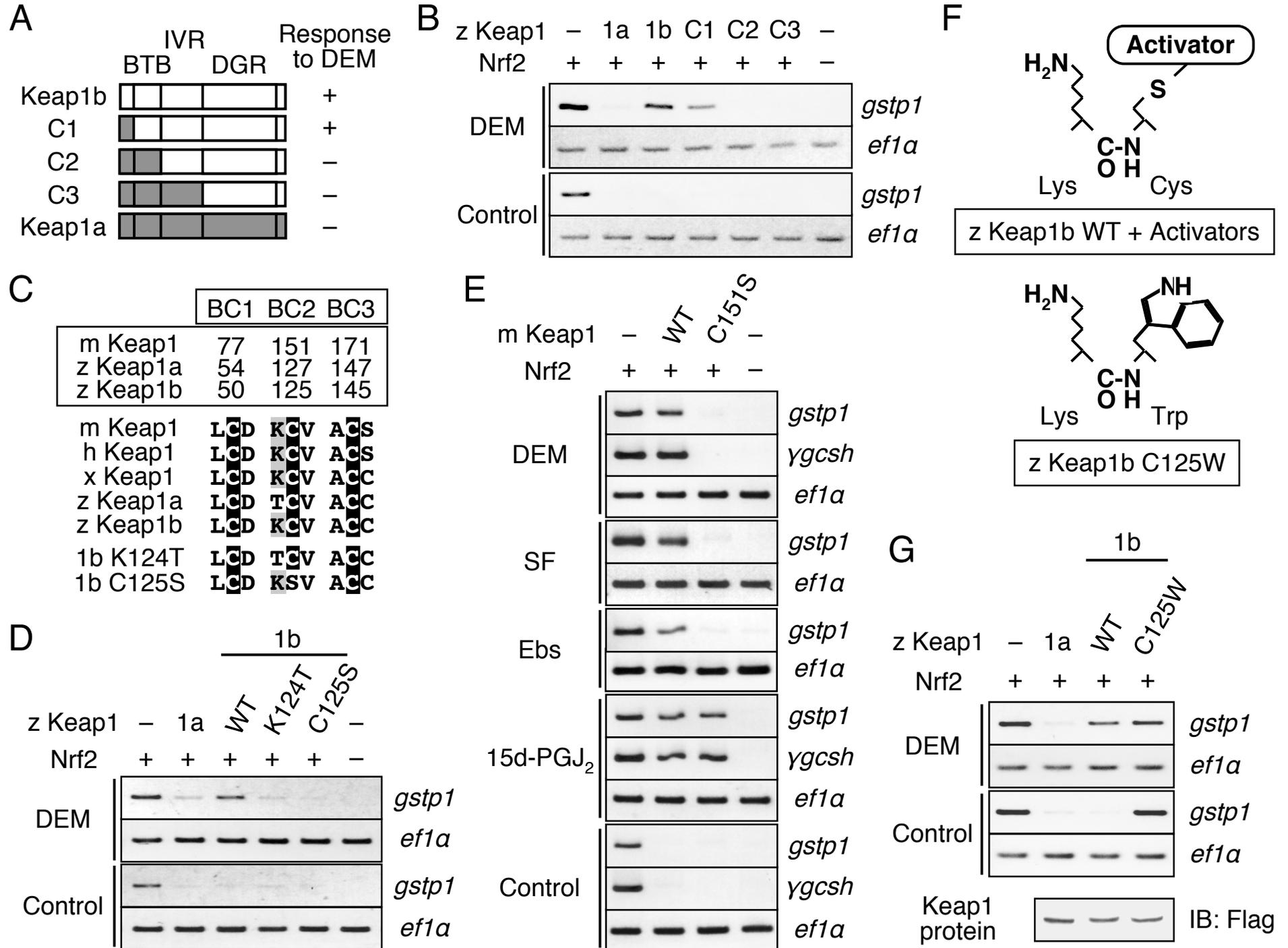
# The Antioxidant Defense System Keap1-Nrf2 Comprises a Multiple Sensing Mechanism for Responding to a Wide Range of Chemical Compounds

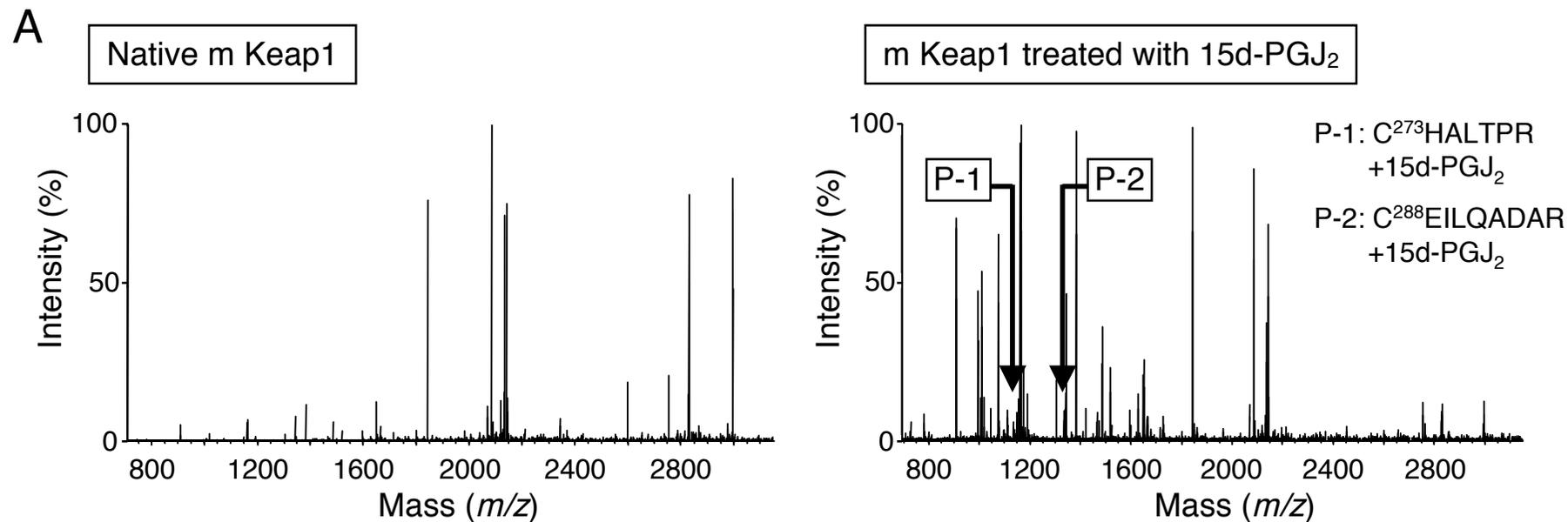
|                              |  |
|------------------------------|--|
| 著者                           | Kobayashi Makoto, Li Li, Iwamoto Noriko, Nakajima-Takagi Yaeko, Kaneko Hiroshi, Nakayama Yuko, Eguchi Masami, Wada Yoshiko, Kumagai Yoshito, Yamamoto Masayuki |
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| URL                          | <a href="http://hdl.handle.net/2241/101728">http://hdl.handle.net/2241/101728</a>  |

doi: 10.1128/MCB.01080-08



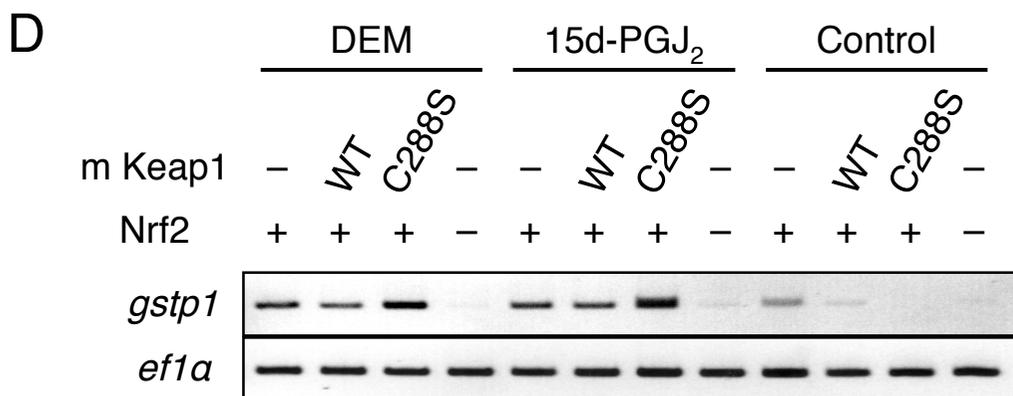
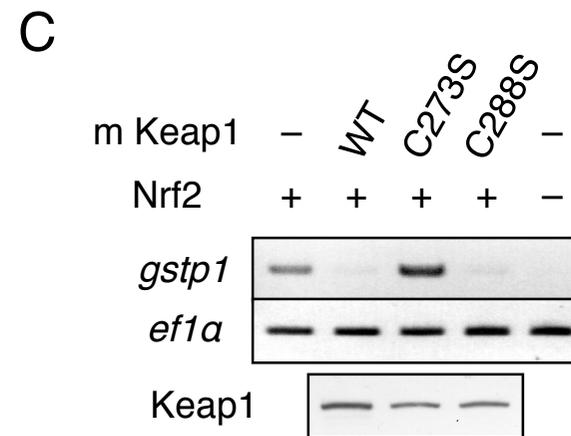






**B**

| Activators           | Cysteines |     |     |     |     |     |     |
|----------------------|-----------|-----|-----|-----|-----|-----|-----|
| 15d-PGJ <sub>2</sub> | 273       | 288 |     |     |     |     |     |
| PGA <sub>2</sub>     | 273       | 297 | 489 |     |     |     |     |
| DEM                  | 151       | 288 | 319 | 368 | 434 | 489 | 613 |



A

| Mutants               | Number |
|-----------------------|--------|
| F2 family analyzed    | 797    |
| Genomes screened      | 1557   |
| Isolated mutant lines | 10     |

B

| Phenotype | Mutants                                    |
|-----------|--|
| DEM-AF-   | <i>it567 it840 it864</i>                   |
| DEM+AF-   | <i>it275</i>                               |
| Control+  | <i>it664 it768 it817 it836 it949 it983</i> |

C

