

Supplementary Information

Table S1. Primers used in quantitative RT-PCR.

Genes	Forward Primer	Reverse Primer
<i>ACT2</i> (AT3G18780)	CGCCATCCAAGCTGTTCTC	TCACGTCCAGCAAGGTCAAG
<i>UBQ2</i> (AT2G36170)	CCAAGATCCAGGACAAAGAAGGA	TGGAGACGAGCATAAACTTGC
<i>SAUR-AC1</i> (AT4G38850)	GAGATATGTGGTGCCGGTTT	GTATTGTTAAGCCGCCATT
<i>TCH4</i> (AT5G57560)	CGAGTCTTTGGAACGCTGAT	CTTCTTGTTGAAAGCCACGG
<i>IAA19</i> (AT3G15540)	GAAGGACTCGGGCTTGAGAT	GACGCCGCTTTCACATTG
<i>BSS1</i> (AT3G57130)	CATGACCTAACCTCGACTTT	CCCATCACCATTAGCTTC
<i>DWF4</i> (AT3G50660)	CATAAAGCTCTCTTCAGTCACGA	CGTCTGTTCTTTGTTTCCTAA
<i>BR6ox2</i> (AT3G30180)	GGAGGTGGAGTTAGGCTTTGCC	TCTTCTCCATTCTCTCCCATCTAT
<i>ROT3</i> (AT4G36380)	GGTGGTGGGCAAAGGCTAT	GTCTTCCTCAGCCGTCCAAC
<i>rbcL</i> (ATCG00490)	TACTGGTACATGGACAACCTG	GGTCTAAGGGATAAGCTACA
<i>LHCP</i> (AT1G50900)	ATCCGACCGAGTCAAGTACT	GGTTCCTTGCGAATGTCT
<i>rbcS</i> (AT1G67090)	GCACCGACTCCGCTCA	TGGACTTGACGGGTGTTGTC
<i>psbA</i> (ATCG00020)	CTATACAACGGCGGTCCTC	GCATACCCAGACGGAAACTA
<i>CHLH</i> (AT5G13630)	TGGTAGAGAGACAGAAGCTCGAAA	CCAAAGAACCTGCCCAAGAG
<i>HEMA1</i> (AT1G58290)	GTGAGCTCTCTGCTTCTTCTGATTCTG	CTGCTTCTTTCCTTTGTATATCGATCAGCT
<i>CAO</i> (AT1G44446)	CCGGTGGAACACGGTTTACTTCTAGATA	AGTATCCTTGGAGACCCGAGGTAGGTGT
<i>GUN4</i> (AT3G59400)	GAAACCGCGACCATATTCGAC	CGGCTTCTCCGGATATCTGAA
<i>BPG3</i> (AT2G40400)	TCCAAATCCAAACGTCGTC	CGGTGGTGCGACGAGAAT

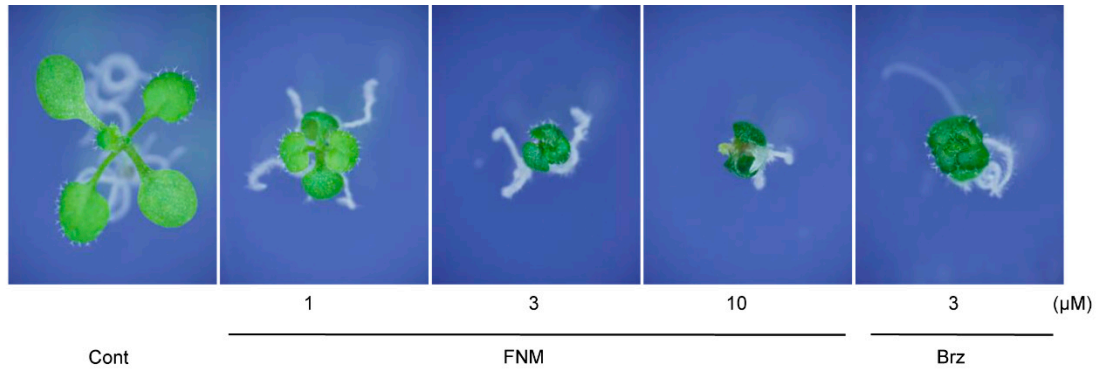


Figure S1. Responses of *Arabidopsis* seedlings to FM treatments and brassinazole (brz). Wild-type (Col-0) plants grown on $\frac{1}{2}$ MS media containing designed chemicals in the light for 12 days. The plants shown are as follows: The plant without chemical treatment (the left plant); plant grown in 1 μ M FM (the second left plant); plant treated with 3 μ M FM (the third left plant); 10 μ M FM (the second right plant) and plant treated with 3 μ M brz (the third left plant). All of the experiments were duplicated to establish repeatability.