

Supplementary Materials

Table S1. ^1H (600 MHz) and ^{13}C (150 MHz) NMR chemical shifts of the isolated compounds from UV-treated rice leaves (in CD_3OD , chemical shifts in ppm).

No.	4		5	
	^1H	^{13}C	^1H	^{13}C
2	7.08 <i>s</i>	123.6	7.02 <i>s</i>	124.4
3		113.4		112.7
4		129.1		129.6
5	7.58 <i>d</i>	119.4	6.95 <i>d</i>	103.7
6	6.99 <i>dd</i>	119.7		151.3
7	7.07 <i>dd</i>	122.5	6.65 <i>dd</i>	112.8
8	7.32 <i>d</i>	112.4	7.15 <i>d</i>	112.5
9		138.4		133.3
10	3.01 <i>t</i>	26.5	2.92 <i>t</i>	26.6
11	3.60 <i>t</i>	41.8	3.56 <i>t</i>	41.6
1'		136.5		127.9
2'	7.53 <i>d</i>	129.0	7.39 <i>d</i>	130.7
3'	7.37 <i>m</i>	130.1	6.78 <i>d</i>	116.9
4'	7.37 <i>m</i>	130.9		160.7
5'	7.37 <i>m</i>	130.1	6.78 <i>d</i>	116.9
6'	7.53 <i>d</i>	129.0	7.39 <i>d</i>	130.7
7'	7.52 <i>d</i>	141.7	7.44 <i>d</i>	141.9
8'	6.58 <i>d</i>	122.2	6.39 <i>d</i>	118.7
9'		168.8		169.4

Table S2. Sequence of gene specific primers used for semi-quantitative RT-PCR and PCR conditions.

Gene	Primer Sequence	Annealing Temperature (°C)	Cycle No.
<i>ASa2</i> (Os03g15780)	5'-AATCTTGATCGGCATGCAAC-3' 5'-CAGCCTCTTGCCTGTACATA-3'	56	29
<i>ASβ1</i> (Os04g38950)	5'-TGCAGACTGTTCTGGAACCTT-3' 5'-TAAGGCCATCTTCAGTCCAC-3'	56	29
<i>ASβ2</i> (Os03g50880)	5'-GGGAGCTAACTTTGAGGTGT-3' 5'-GATCCTTTCCCATGCACAAC-3'	56	29
<i>APT</i> (Os03g03450)	5'-GACCTACGAAGAGATCGTGG-3' 5'-AATCCAACACCCACCTCATT-3'	56	29
<i>PAI</i> (Os02g16630)	5'-TCAGTTGGTGTCTTTGTGGA-3' 5'-TTGAATCCCTTGCCACTTCC-3'	56	29
<i>IGPS</i> (Os08g23150)	5'-CGGAAGTCAGGAGTGAAGTG-3' 5'-TTCCCTTCTCCCTGATGGTA-3'	56	29
<i>IGPS</i> (Os09g08130)	5'-ATCTGCAAGAACCTCGGAAT-3' 5'-CCAAGTCTAGCTGAAAACGGG-3'	52	33
<i>TSα</i> (Os03g58320)	5'-TTCCTTACGTAGAGACATCCAC-3' 5'-CAATGATCACTCCATCTGCAC-3'	56	29
<i>TSα</i> (Os07g08430)	5'-TAAAAGAAGCCGGTGTCCAT-3' 5'-CGTGACCTGCTTGATATCCT-3'	56	29
<i>TSβ</i> (Os08g04180)	5'-ACATGGGTGCTCAGGATATG-3' 5'-CAAGCAACCAAGACATCAGG-3'	56	29
<i>AADC1</i> (Os08g04540)	5'-TGGACTTCATCTCGGACTAC-3' 5'-GTCCCCAGAATAACCCAC-3'	52	33
<i>AADC2</i> (Os08g04560)	5'-CGTGTCGACTCCATCAGCA-3' 5'-GACGAGGTCCTCGAACGT-3'	56	29
<i>Ubi5</i> (Os01g22490)	5'-GACTACAACATCCAGAAGGAGTC-3' 5'-TCATCTAATAACCAGTTCGATTTC-3'	54	25