

**W-box and G-box elements play important roles in early senescence
of rice flag leaf**

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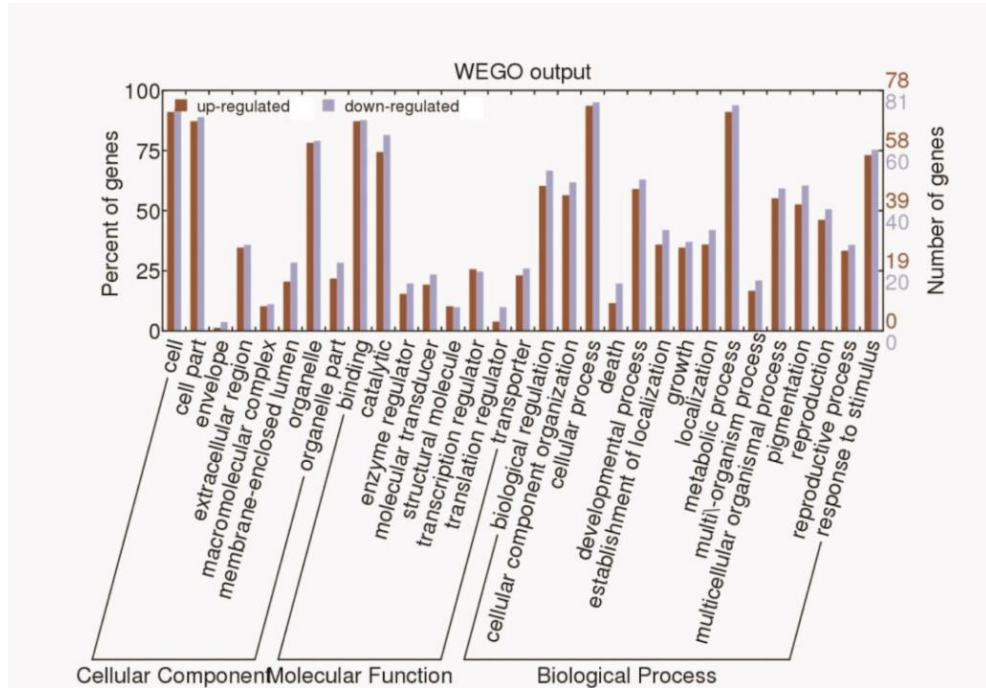
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Supplementary Figure S1. Functional classification of leaf senescence-associated genes in rice flag leaf. The distribution of GO terms in each category is shown for genes up-regulated (red) and down-regulated (gray) during senescence of flag leaves. Enriched GO terms were identified using WEGO⁵⁵.



Supplementary Table S5. Expression pattern of known rice SAGs in flag leaf microarray data. Asterisks indicate significant differences before to after senescence (*t*-test; $P < 0.05$).

Name	Gene ID	Treatment		Reference
		5 days	14 days	
OsSGR*	LOC_Os09g36200	151 ± 2	1043 ± 66	1
OsNYC4*	LOC_Os07g37250	10434 ± 883	4652 ± 65	2
OsRab7B3*	LOC_Os05g44050	10465 ± 1036	12908 ± 454	3
OsTZF1*	LOC_Os05g10670	3459 ± 95	866 ± 473	4
OscZOGT1	LOC_Os04g46980	21 ± 0	57 ± 20	5
OsNYC3*	NM_001064128	3299 ± 189	5097 ± 959	6
OsDOS	NM_001048811	17 ± 12	15 ± 0	7
OsDWARF3*	AK069429	242 ± 20	61 ± 17	8
OsTDC1	AK069031	20 ± 15	82 ± 17	9
OsSPL28	LOC_Os01g50770	2859 ± 296	2747 ± 267	10
OsETR2*	AF420319	776 ± 110	580 ± 10	11
OsAkαGal*	AF251068	369 ± 171	5044 ± 1249	12
OsGS1;3	AB180689	33 ± 22	68 ± 11	13
OsPHYB	AB109892	5513 ± 623	2957 ± 186	14
OsGS1;1	AB037595	6045 ± 535	9738 ± 315	15
OsNOE1	LOC_Os03g03910	27930 ± 3278	24420 ± 1667	16
OsNAP*	LOC_Os03g21060	309 ± 69	4069 ± 1087	17
OsWRKY42*	LOC_Os02g26430	22 ± 11	2160 ± 714	18
OsNYC1*	LOC_Os01g12710	10101 ± 400	5845 ± 252	19
OsSWEET5	LOC_Os05g51090	41 ± 19	56 ± 8	20
OsCOI1b	LOC_Os05g37690	6040 ± 81	5994 ± 761	21

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