

Table S1. The number and functions of cis-elements in radish *RsSGR* promoter.

Name	Number	Functions
CAAT-box	31	common cis-acting element in promoter and enhancer regions
MYB	6	MYB binding site
ABRE	5	cis-acting element involved in the abscisic acid responsiveness
MYC	5	--
CGTCA-motif	4	cis-acting regulatory element involved in the MeJA-responsiveness
TATA-box	4	core promoter element around -30 of transcription start
TGACG-motif	4	cis-acting regulatory element involved in the MeJA-responsiveness
ARE	3	cis-acting regulatory element essential for the anaerobic induction
G-Box	3	cis-acting regulatory element involved in light responsiveness
STRE	2	--
TCA	2	--
NAC core site	1	NAC binding site
AAGAA-motif	1	--
AE-box	1	part of a module for light response
Box 4	1	part of a conserved DNA module involved in light responsiveness

GARE-motif	1	gibberellin-responsive element
CTAG-motif	1	--
O2-site	1	cis-acting regulatory element involved in zein metabolism regulation
TC-rich repeats	1	cis-acting element involved in defense and stress responsiveness
TGA-element	1	auxin-responsive element
chs-CMA1a	1	part of a light responsive element
