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GENE REGULATION OF RICE ACTIVE OXYGEN SCAVENGING ENZYMES
AND STRESS TOLERANCE FOR PLANTS

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ABBREVIATIONS

APX	ascorbate peroxidase
bp	base pair(s)
6-BAP	6-benzylaminopurine
CaMV	cauliflower mosaic virus
CAT	catalase
CBB	Coomassie brilliant blue
cDNA	complementary DNA
CTAB	cetyltrimethylammonium bromide
DAF	day(s) after flowering
DEPC	diethylpyrocarbonate
DHAR	dehydroascorbate reductase
EDTA	ethylenediaminetetraacetic acid
EST	expressed sequenced tags
FAD	flavin adenine dinucleotide
F_m	level of maximal chlorophyll <i>a</i> fluorescence
F_v	level of variable chlorophyll <i>a</i> fluorescence
GPX	glutathione peroxidase
GR	glutathione reductase
HEPES	2-[4-(2-hydroxyethyl)-1-piperazinyl]ethanesulfonic acid
ICP-AES	inductively coupled plasma-atomic emission spectrophotometry
IgG	immunoglobulin G
IPTG	isopropyl- β -D-thiogalactopyranoside
kb	kilobase pair(s)
kD	kilodalton(s)
MDAR	monodehydroascorbate reductase
MOPS	3-(N-morpholino) propanesulfonic acid
mRNA	messenger RNA
NAA	1-naphthylacetic acid
NAD(P)	nicotinamide adenine dinucleotide (phosphate)
NAD(P)H	reduced nicotinamide adenine dinucleotide (phosphate)
PAGE	polyacrylamide gel electrophoresis
PCR	polymerase chain reaction
PHGPX	phospholipid hydroperoxide-glutathione peroxidase
pI	isoelectronic point
PS I or II	photosystem I or II
PVDF	polyvinylidene difluoride
SDS	sodium dodecyl sulfate
SOD	superoxide dismutase
	Cu/Zn-SOD : copper/zinc-superoxide dismutase
	Fe-SOD : iron-superoxide dismutase
	Mn-SOD : manganese-superoxide dismutase
SSPE	150 mM NaCl, 10 mM sodium phosphate, 1 mM EDTA, pH 7.4
SSC	150 mM NaCl, 15 mM tri-sodium citrate
TBST	tris buffered saline containing Tween-20
TE	10 mM Tris-HCl (pH 7.5), 1 mM EDTA
Tris	tris(hydroxymethyl)methylglycine
U	unit(s)