Regulatory DNA binding peptides as novel tools for plant functional genomics

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ABBREVIATIONS

CLSM	confocal laser scanning microscope
Cy3	cyanine dye 3
Cy5	cyanine dye 5
DNA	deoxyribonucleic acid
DSB	double strand break
DSBR	double strand break repair
EAR	ERF-associated amphiphilic repression motif
eGFP	enhanced green fluorescent protein
EMSA	electrophoretic mobility shift assay
GFP	green fluorescent protein
GUS	glucuronidase
HPT	hygromycin phosphotransferase
HR	homologous recombination
KRAB	kruppel-associated box
lacO	*lac* operator
MaSat	major satellite
NHR	non homologous recombination
MMS	methyl methanesulfonate
NER	nucleotide excision repair
NLS	nuclear localization signal
PCR	polymerase chain reaction
PZF	polydactyl zinc finger
RFP	red fluorescent protein
RNA	ribonucleic acid
RPS5A	ribosomal protein S5A
SID	sin3A interaction domain
SSA	single strand annealing
SSM	single molecule microscopy
tetO	*tet operator*
VP16	viral protein 16 from herpes simplex virus
Q-RT-PCR	quantitative reverse transcription polymerase chain reaction
ZF	zinc finger
ZF-ATF	zinc finger artificial transcription factor