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Rice

CORRECTION Open Access

Correction to: A Versatile Vector Toolkit for Functional Analysis of Rice Genes

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Correction

The caption of Fig. 5 contained an error. The updated caption along with the original figure is published in this correction article.

Table S1 in the Additional file of this original publication contained some errors. The updated Table S1 is published in this correction article.

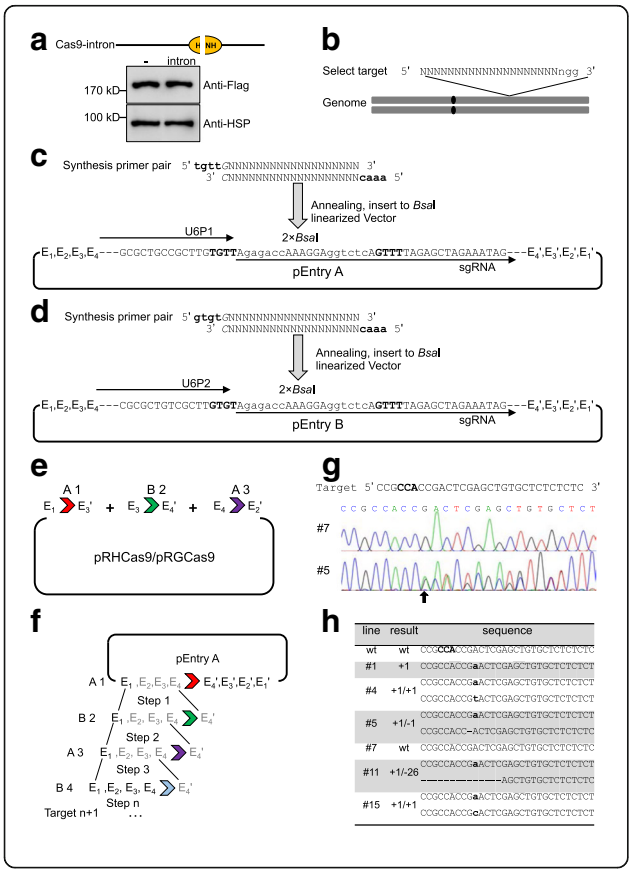

Fig. 5 Diagram of how CRISPR/Cas9 vectors were constructed and used to edit the rice *IPA1* gene. **a** Western blot analysis of the *Cas9-intron* expression in rice protoplasts. HSP indicates the loading amount of each sample. **b** Target site selection for candidate genes in the rice genome. A 20-bp specific sequence followed by the PAM "NGG" structure is required. **c** and **d** Target cloning to the entry vectors. Synthesis of the primer pairs of the 20-bp specific target with the 4-bp adapters, and ligation with the *Bsa*I linearized pEntry A or pEntry B vector. **e** One-step ligation and **f** step-by-step ligation of multiple targets to pRHCas9/pRGCas9. Four pairs of isocaudamers, *Pst*I(E1)-*Nsi*I(E1'), *Xba*I(E2)-*Spe*I(E2'), *Bam*HI(E3)-*Bgl*II(E3'), and *Sal*I(E4)-*Xho*I(E4') are marked. The sgRNA cassettes with U6P1 and U6P2 in pEntry A and B should be used in turn. **g** Representative sequencing chromatogram of the CRISPR-*IPA1* transgenic lines. Line #7, wild-type genotype; line #5, mutant genotype. **h** Representative gene editing results in the CRISPR-*IPA1* transgenic lines

Additional file

Additional file 1: Updated Table S1, the full supplementary materials can be downloaded from the original publication. (XLSX 10 kb)

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