

Fig. S1. ZFN bind to the target site. (A) Analysis of ZFN binding site in exon 4 region of *SSIVa* gene from chromosome 1 of *Oryza sativa* Japonica group. (B) Locus of ZFN binding site in exon 4 region from *SSIVa* gene.

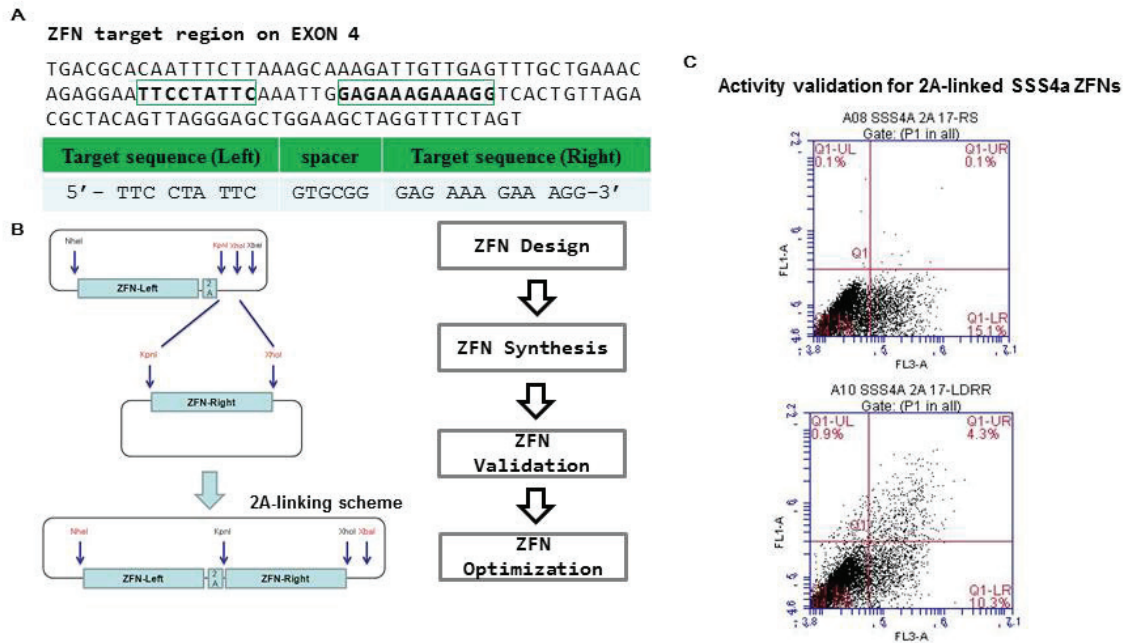


Fig. S2. (A) Selected locus of ZFN binding site on exon 4 region from Fig. S1. (B) ZFN vector expression system for a ZFN pair utilizing 2A-peptide. (C) Activity validation for 2A-linked *SSIVa* ZFNs.

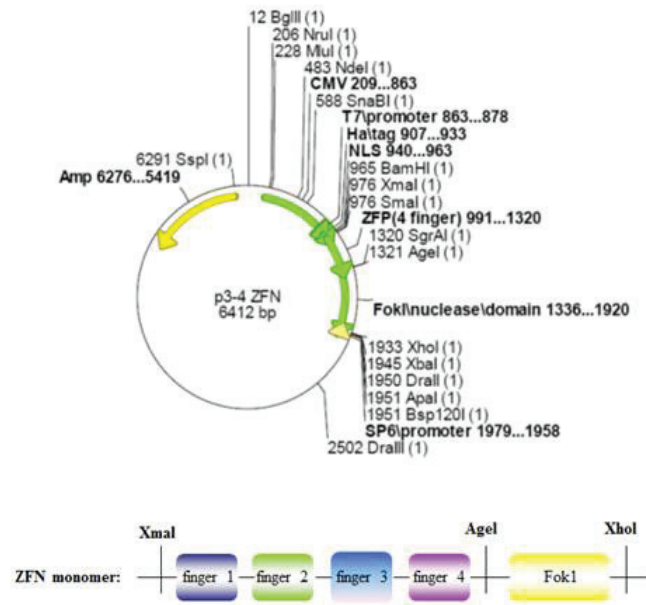


Fig. S3. p3-4 ZFN vector construction with finger 1, 2, 3, 4 and *FokI* site.