Electronic Supplementary Materials

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Evaluation and application of an efficient plant DNA extraction protocol for laboratory and field testing

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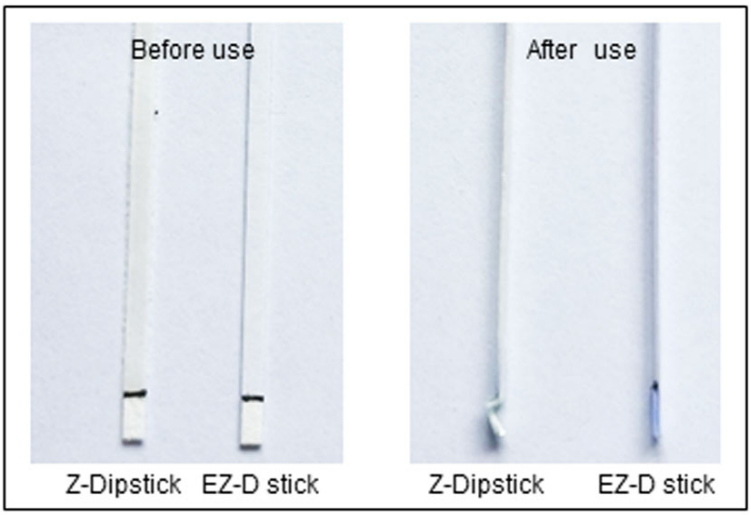

Fig. S1 Comparison of Z-Dipstick and EZ-D stick during DNA extraction.

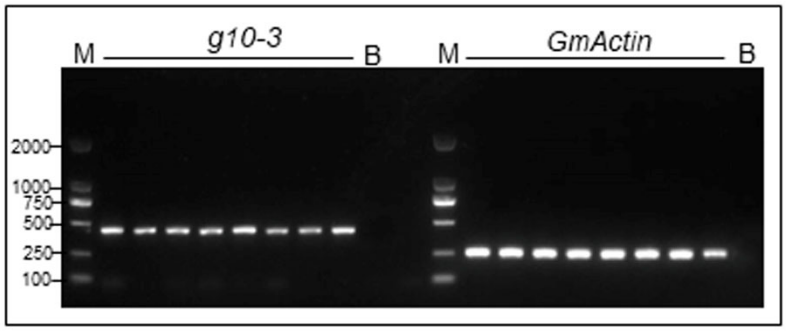

Fig. S2 DNA content in a single EZ-D stick can be used for at least 16 PCR reactions. An EZ-D stick containing the genomic DNA from transgenic soybean ZUTS-33 was dipped sequentially into 16 PCR tubes containing only water, before adding the rest of the PCR components. M, DL2000 marker; B, blank control.

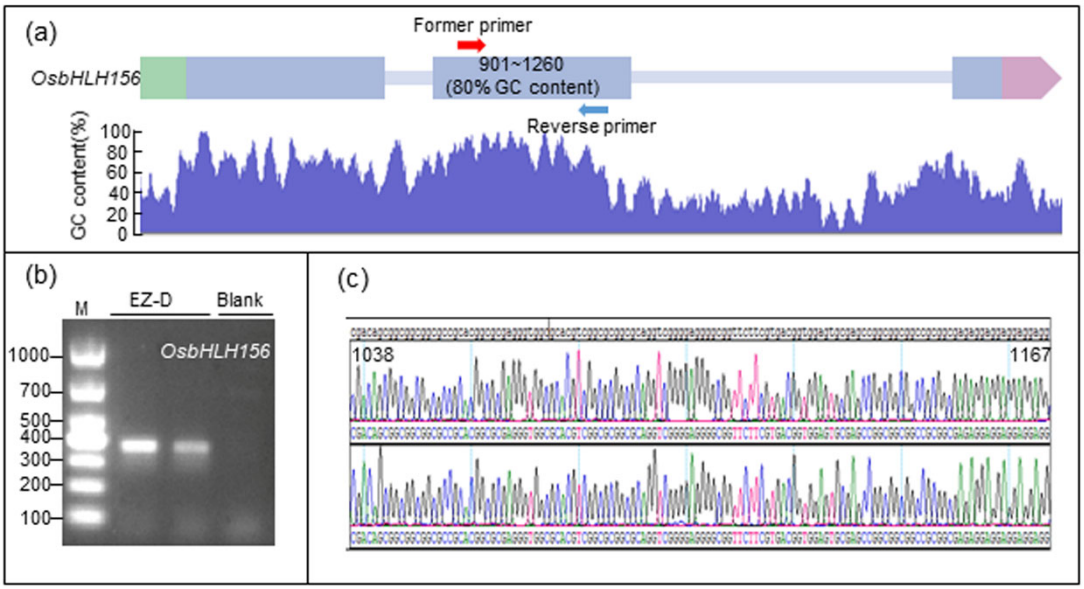

Fig. S3 DNA extracted by EZ-D can be used for PCR amplification of fragment with high GC content. (a) The amplification region of OsbHLH156 has a high GC content. (b) The high GC content region of OsbHLH156 was successfully amplified by the EZ-D based PCR method. M, DL2000 marker; B, blank control. (c) Partial sequencing results of OsbHLH156 amplified products.