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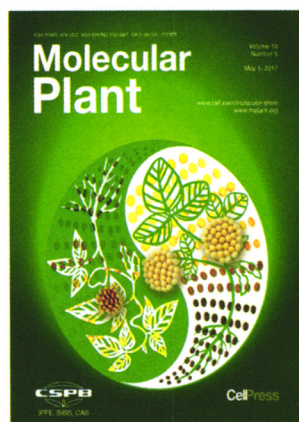
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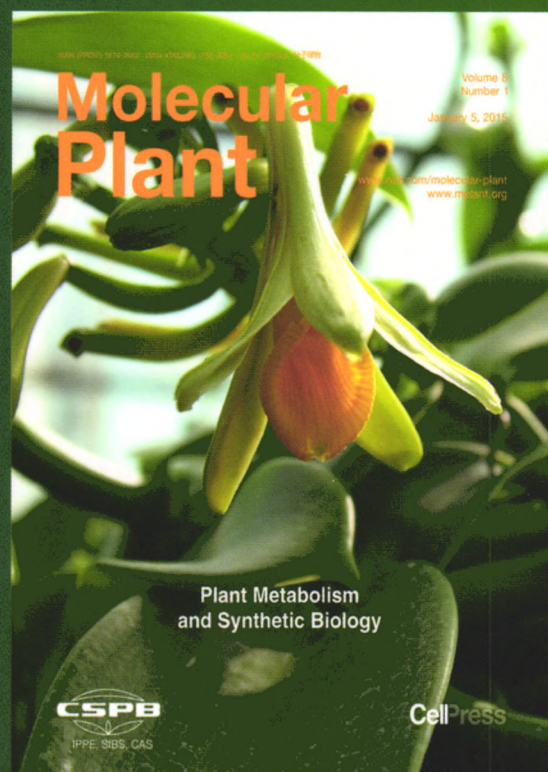
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On The Cover

The left part in the background indicates a wild soybean with a long twisted stem, while the right part indicates a cultivated soybean. The two plants appear to constitute a cartoon like a traditional Chinese paper-cutting art traced back to the ancient South and North dynasties in China. This may also indicate that cultivated soybeans can obtain more genetic diversity from wild soybeans. For the three small piles of soybean seeds, the lower left one is from a wild soybean ZYD7, the middle one from the cultivar HN44, and the upper right one from the RIL R245 derived from a cross between ZYD7 and HN44. The R245 harbors a PP2C-1 allele for seed weight from ZYD7 and 13 other loci for seed weight from HN44. The PP2C-1 may activate BR pathway through dephosphorylation of GmbZR1 for seed weight control. Image by: Tong Cheng, Jin-Song Zhang.

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