SUPPLEMENTAL MATERIAL

Supplemental Table S1. Accession number, original MG and RMG information and origin of the MG reference varieties.

Supplemental Table S2. Original regions and release years of the Chinese and Russian soybeans tested in this study. NNE, northern parts of the Northeastern Spring Planting Subregion; MNE, middle and southern parts of the Northeast Spring Planting Subregion; YHH, Yellow-Huai-Hai Valleys Summer Planting Region; SMC, Southern Multiple Cropping Region.

Supplement Table S3. Values of the two primary components of interaction (IPCA1 and IPCA2) determined using the AMMI method and the ASV maturation values for varieties of different MGs.

Supplement Table S4. Correlation coefficient between the RMGs obtained from GRIN (Germplasm Resources Information Network, https://npgsweb.ars-grin.gov) and those calculated during this study for the MG reference varieties.