SUPPORTING INFORMATION

Development and characterization of a soybean experimental line lacking the α' subunit of β-conglycinin and G1, G2, and G4 glycinin

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Figure S1. Schematic outline of development of soybean experimental line (BSH-3) derived from DN47 x HS99B crosses.

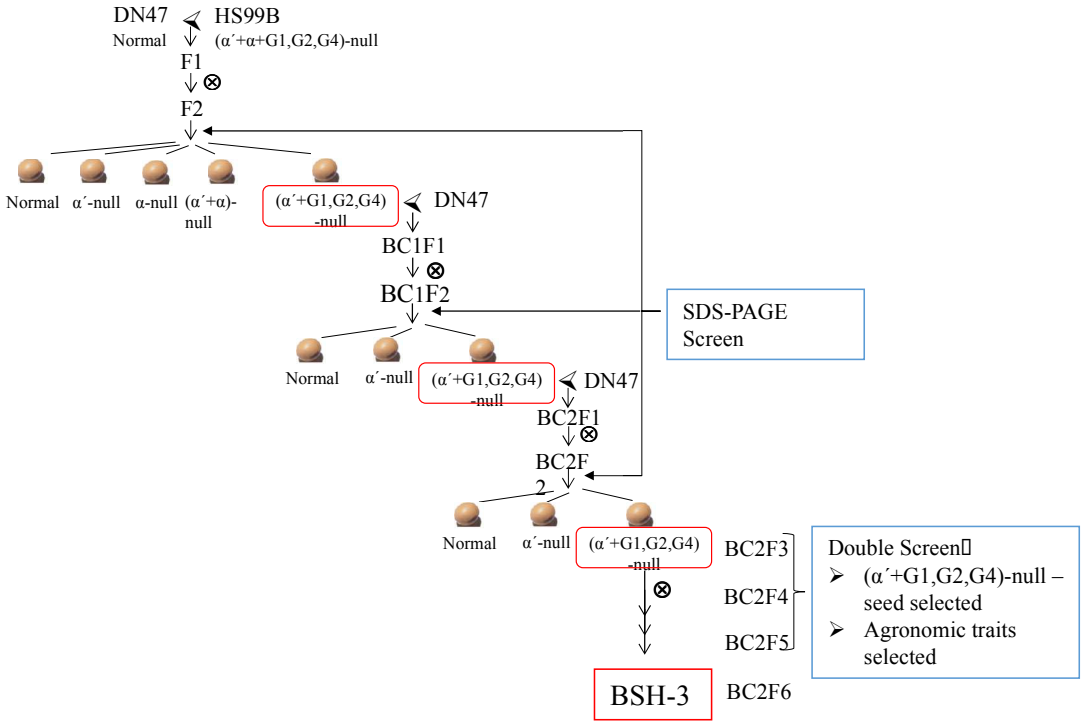

Table S1. Protein, oil and fatty acid content of DN47 and BSH-3 seeds.

Seed Component	DN47	BSH-3	Significance level
Protein[1]	35.6 ± 0.7	38.1 ± 0.3	*
Oil[1]	22.4 ± 0.4	19.2 ± 0.06	*
Fatty acids[1]:			
Palmitic Acid (16:0)	12.8 ± 0.1	11.9 ± 0.1	*
Stearic Acid (18:0)	3.5 ± 0.1	3.4 ± 0.04	NS
Oleic Acid (18:1)	28.7 ± 0.6	23.8 ± 0.4	*
Linoleic Acid (18:2)	47.3 ± 0.6	52.4 ± 0.4	*
Linolenic Acid (18:3)	7.5 ± 0.04	8.35 ± 0.08	*

Significantly different means are indicated by * ($p \leq 0.05$) and insignificant differences are indicated by "NS".

[1]expressed as percentage