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Supplementary Material

Comparative analysis of nutritional composition of seeds of wild-type soybean and lines overexpressing *GmWRI1a*

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Supplementary Table S1. Reference range of nutritional and anti-nutritional components of commercial soybeans as specified by the OECD (OECD 2012).

Component	References range
C16:0 (%)	8.00-15.39
C18:0 (%)	0.53-9.45
C18:1 (%)	15.18-33.95
C18:2 (%)	38.74-59.82
C18:3 (%)	2.02-11.17
Moisture (%)	4.70-34.40
Crude protein (%)	33.20-46.20
Crude fiber (%)	5.80-7.80
Crude fat (%)	8.10-27.40
Daidzein (g/100g)	0.10-153.50
Genistein (g/100g)	0.50-31.50
Glycitein (g/100g)	6.70-58.70
Stachyose (g/100g)	0.60-5.10
Phytic acid (g/100g)	0.60-2.50
Raffinose (g/100g)	0.10-1.60
TIA (TIU/mg)	19.6-184.0