

## SUPPLEMENTARY MATERIAL

**Table S1.** The proteins identified by mass spectrometry using the National Center for Biotechnology Information database.

No.	Accession	Name	Species	% Cov (95)	Peptides (95%)	Protein family
1	XP_052730310.1	beta-conglycinin beta subunit 1	<i>Vigna angularis</i>	62	27	7S globulin
2	XP_052730310.1	beta-conglycinin beta subunit 1	<i>Vigna angularis</i>	43.4	17	7S globulin
3	XP_017433330.2	protein ADP-ribosyltransferase PARP3	<i>Vigna angularis</i>	10.1	5	
4	XP_017439617.2	alpha-1,4 glucan phosphorylase L isozyme, chloroplastic/amyloplastic-like isoform X1	<i>Vigna angularis</i>	15.1	10	
5	XP_017414456.1	glycinin G4-like	<i>Vigna angularis</i>	31.2	19	11S globulin
6	XP_017426216.2	vicilin-like seed storage protein At2g18540	<i>Vigna angularis</i>	8.3	5	7S globulin
7	XP_017415489.1	sucrose-binding protein	<i>Vigna angularis</i>	25.1	14	
8	XP_052730310.1	beta-conglycinin beta subunit 1	<i>Vigna angularis</i>	33	18	7S globulin
9	XP_017413272.1	beta-conglycinin beta subunit 1	<i>Vigna angularis</i>	33.3	38	7S globulin

% Cov (95): Percentage of the identified protein sequence occupied by detected peptides with a confidence of >95%. Peptides (95%):

Number of peptides detected with a confidence of >95% by mass spectrometry.