Supplementary Material 1. RNA-Seq data of soybean seeds.

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GEO series		GEO accession		SRA accession	Source name	Stage
	GPL11192		Globular Stage Whole Seed	SRR203351	Soybean seeds containing globular-stage embryos	globular-stage
GSE29163			Globular Stage Whole Seed	SRR203352	Soybean seeds containing globular-stage embryos	globular-stage
GSE29163	GPL11192		Globular Stage Whole Seed	SRR203353	Soybean seeds containing globular-stage embryos	globular-stage
GSE42871	GPL11192		R08_4DAF_BR1	SRR639162	whole seed	4 days after flowering
GSE42871	GPL15008		R83_4DAF_BR2	SRR639163	whole seed	4 days after flowering
GSE29163	GPL11192		Heart Stage Whole Seed	SRR203354	Soybean seeds containing heart-stage embryos	heart-stage
GSE29163	GPL11192		Heart Stage Whole Seed	SRR203355	Soybean seeds containing heart-stage embryos	heart-stage
GSE42871	GPL11192		R09_12-14DAF_BR1	SRR639164	whole seed	12-14 days after flowering
GSE42871	GPL15008	GSM1056097	R59_12-14DAF_BR2	SRR639165	whole seed	12-14 days after flowering
GSE29163	GPL11192		Cotyledon Stage Whole Seed	SRR203356	Soybean seeds containing cotyledon-stage embryos	cotyledon-stage
GSE29163	GPL11192		Cotyledon Stage Whole Seed	SRR203357	Soybean seeds containing cotyledon-stage embryos	cotyledon-stage
GSE29163	GPL11192		Early-Mturation Stage Whole Seed	SRR203358	Soybean seeds containing early-maturation stage seeds	early maturation-stage
GSE29163	GPL11192		Early-Mturation Stage Whole Seed	SRR203359	Soybean seeds containing early-maturation stage seeds	early maturation-stage
GSE29163	GPL11192		Early-Mturation Stage Whole Seed	SRR203360	Soybean seeds containing early-maturation stage seeds	early maturation-stage
GSE42871	GPL15008	GSM1056098	R36_22-24DAF_BR1	SRR639166	whole seed	22-24 days after flowering
GSE42871	GPL15008		R60_22-24DAF_BR2	SRR639167	whole seed	22-24 days after flowering
GSE42871			R11_5-6mgWS_BR1	SRR639168	whole seed	5-6mg fresh weight
GSE42871			R61_5-6mgWS_BR2	SRR639169	whole seed	5-6mg fresh weight
GSE21116			Wild type soybean seed	SRR038864	Seed	midmaturation-stage
GSE21116			Wild type soybean seed	SRR038865	Seed	midmaturation-stage
GSE21116	GPL10267	GSM528202	SP- soybean seed	SRR038866	Seed	midmaturation-stage
GSE21116	GPL10267	GSM528202	SP- soybean seed	SRR038867	Seed	midmaturation-stage
GSE42871		GSM1056106	R14_DrySeed_BR1	SRR639174	whole seed	dry mature seed
GSE42871	GPL15008	GSM1056107	R103_DrySeed_BR2	SRR639175	whole seed	dry mature seed
GSE29134		GSM721279		SRR203035	Whole dry seeds	dry-stage
GSE29134	GPL11192	GSM721279	Dry seed	SRR203036	Whole dry seeds	dry-stage
GSE29163	GPL11192	GSM721729	Dry Whole Seed	SRR203361	Dry seeds	dry-stage
GSE29163	GPL11192	GSM721729	Dry Whole Seed	SRR203362	Dry seeds	dry-stage
GSE34852	GPL15087	GSM856145	cotyledons	SRR394319	mRNA-seq of cotyledons	20 days after flowering
GSE42871	GPL11192	GSM1056102	R12_100-200mgCOT_BR1	SRR639170	cotyledon	100-200mg fresh weight
GSE42871	GPL15008		R62_100-200mgCOT_BR2	SRR639171	cotyledon	100-200mg fresh weight
GSE29134	GPL11192		B1 stage cotyledons	SRR203030	Embryonic cotyledons of mid-maturation (B1) stage embryos	mid-maturation stage
GSE29134	GPL11192	GSM721277	B1 stage cotyledons	SRR203031	Embryonic cotyledons of mid-maturation (B1) stage embryos	mid-maturation stage
GSE42871	GPL11192	GSM1056104	R13_400-500mgCOT_BR1	SRR639172	cotyledon	400-500mg fresh weight
GSE42871	GPL15008	GSM1056105	R63_400-500mgCOT_BR2	SRR639173	cotyledon	400-500mg fresh weight
GSE29134		GSM721278	AA1 stage cotyledons	SRR203032	embryonic cotyledon	late-maturation stage
GSE29134	GPL11192		AA1 stage cotyledons	SRR203033	embryonic cotyledon	late-maturation stage
GSE29134	GPL11192	GSM721278	AA1 stage cotyledons	SRR203034	embryonic cotyledon	late-maturation stage