Table S4. Gene Ontology (GO) enrichment analysis of DEGs that were up expressed in the comparison of MINAS control vs MINAS aged-seeds.

MINAS control vs MINAS aged-seeds up-regulated genes				
Enrichment FDR	nGenes	Pathway Genes	Fold Enrichment	Pathway
0.042939	2	28	73.08995	Production of miRNAs involved in gene silencing by miRNA
0.035833	3	104	29.51709	Negative regulation of post-embryonic development
0.040157	3	124	24.75627	Negative regulation of multicellular organismal process
0.042939	3	151	20.32965	Negative regulation of developmental process
0.000699	9	1217	7.567242	Negative regulation of biological process