

Table S1. List of primers for characterizing Glycine max genes

Gene Location (Annotation)	Protein Location	Forward primer	Reverse primer
<i>LOC100813807</i>	A0A0R4J3L3	TGGCCTGCCGGGATTT	CAATGCCGGCAGATTTTCG
<i>LOC100779933(Gogh)</i>	Q9XE94	AACTCCCCCTACGTTCTGCATT	GCTTCTCACCAACCCCATTG
<i>LOC100784051</i>	A0A0R0H273	TGACACTGAGATGGAGCAATACAAC	CATCATTGAGCTCCCAGATGA
<i>LOC100799813</i>	A0A0R4J5I3	CTGGTGAGCCCCCATCCTA	CAGCAGTGTCCTCAACCATAGTC
<i>LOC100793702(Cab-6)</i>	Q93YG3	ATGGGACACTGCTGGACTATCA	CTCCAGCTCCCGGTTCT
<i>LOC100820335</i>	I1MZ32	GGAGGTCGCCGACGTAAA	ATCCCGAAAACCTCCGAGTAG
<i>LOC100796767</i>	I1M3X9	GCATTGAAGGAAGATCCAGAACA	ACTCGAGCCCACTCTTCCAA
<i>LOC100526972</i>	ILLA7	GGCATCAAGGGCACCAAAT	GCCTCCTCCAGCACTCACTATG
<i>GLYMA_08G188500</i>	A0A0R0IP95	ACCCAGAGGGAGAGCAAGA	CTCTGCCTGGTCAAGAATGCA