

Table S1. 26 chlorophyll content-related genes in RM26981-RM287 on chromosome 11.

Function	Locus	Description
Transporter	<i>LOC_Os11g37130</i>	Twin-arginine translocation protein TatB family protein.
	<i>LOC_Os11g37660</i>	Protein prenyltransferase domain containing protein.
	<i>LOC_Os11g37700</i>	Similar to PDR11 ABC transporter.
	<i>LOC_Os11g39020</i>	Similar to ABCF-type protein.
	<i>LOC_Os11g37330</i>	Protein prenyltransferase domain containing protein.
Signaling	<i>LOC_Os11g35310</i>	Phytosulfokine family protein.
	<i>LOC_Os11g38260</i>	PAP fibrillin family protein.
RNA binding	<i>LOC_Os11g37990</i>	CRS1/YhbY domain containing protein.
	<i>LOC_Os11g37510</i>	Similar to 50S ribosomal protein L4.
Protein binding	<i>LOC_Os11g38040</i>	Thioredoxin domain 2 containing protein.
	<i>LOC_Os11g39140</i>	Thioredoxin domain 2 containing protein.
Nucleotide binding	<i>LOC_Os11g37260</i>	Similar to GTP-binding protein-like; root hair defective 3 protein-like.
	<i>LOC_Os11g39540</i>	Similar to 14-3-3 protein.
Kinase	<i>LOC_Os11g35500</i>	Protein kinase-like domain containing protein.
	<i>LOC_Os11g36150</i>	Similar to Receptor kinase-like protein.
	<i>LOC_Os11g36160</i>	Similar to Receptor kinase-like protein.
	<i>LOC_Os11g36190</i>	Similar to Receptor kinase-like protein.
	<i>LOC_Os11g36200</i>	Similar to Receptor kinase-like protein.
DNA binding	<i>LOC_Os11g35320</i>	BSD domain containing protein.
	<i>LOC_Os11g36030</i>	HMG-I and HMG-Y, DNA-binding domain containing protein.
	<i>LOC_Os11g38870</i>	Basic helix-loop-helix dimerisation region bHLH domain containing protein.
	<i>LOC_Os11g39000</i>	Basic helix-loop-helix dimerisation region bHLH domain containing protein.
Catalytic activity	<i>LOC_Os11g34210</i>	Similar to Glutamyl-tRNA(Gln) amidotransferase subunit B (EC 6.3.5.-) (Fragment).
	<i>LOC_Os11g35710</i>	Terpene synthase family protein.
	<i>LOC_Os11g43200</i>	Similar to Short chain alcohol dehydrogenase-like.
	<i>LOC_Os11g43360</i>	Similar to Short chain alcohol dehydrogenase-like.