

Supplementary Table 2. List of primers used in the present study. The sequence of all primers is shown from 5' end to 3' end.

Preparation of constructs for <i>LDL/FLD::GFP-GUS</i> transgenic plants	
<i>PromLDL1-F</i>	GGGGACAAGTTTGTACAAAAAAGCAGGCTGGGTCTTG ATGTCTCCACTACCTGCAG
<i>PromtLDL1-R</i>	GGGGACCACTTTGTACAAGAAAGCTGGGTAGCTCTAGC TCTGTGTGTGATGATGTGAGTG
<i>PromLDL2-F</i>	GGGGACAAGTTTGTACAAAAAAGCAGGCTACTAGTCT CTCTTTGCTTCTGTGTGTGCTTTGTAG
<i>PromLDL2-R</i>	GGGGACCACTTTGTACAAGAAAGCTGGGTTTCTGGTCA ATTAAGTCACCAAAATCACCTCC
<i>PromFLD3-F</i>	GGGGACAAGTTTGTACAAAAAAGCAGGCTGAAGAATA CACTGAAGGGAAAGGATG
<i>PromFLD3-R</i>	GGGGACCACTTTGTACAAGAAAGCTGGGTCTGCTCAA ACTAGGGTTAGAGATTG
<i>PromLDL3-F</i>	GGGGACAAGTTTGTACAAAAAAGCAGGCTTTCACCAT CCAAC TTCCCATTTTC
<i>PromLDL3-R</i>	GGGGACCACTTTGTACAAGAAAGCTGGGTACCTATCTA CTTATTCCCTTACACC
Genomic characterization of Arabidopsis <i>ldl/fld</i> mutants	
<i>LDL1-LP</i>	CCCAGCTTTTCTCAAGAAACCGCCG
<i>LDL1-RP</i>	GATGATGACGCTCTTCTTCTAGCAACTCTAAG
<i>LDL2-LP</i>	GATTACTGCGAAGATAATTCGCAACATGTAG
<i>LDL2-RP</i>	GTTTGCTCCTTATATTCCTGAAGAGGGTACT
<i>FLD-LP</i>	CTTATGCCTCGGGCCTTTTGCAGATTGAGC
<i>FLD-RP</i>	GCACCAAAGAAACGAAGGAGAGGACG
<i>LDL3-LP</i>	CCCTCGGAAATTTTCATCTTCGCAGG
<i>LDL3-RP</i>	GACGATGATGCTGATGATGATGAACC
<i>Lbbl</i>	GCGTGGACCGCTTGTGCAACT
<i>Lba1</i>	GATGGTTCACGTAGTGGGCCATCGC
<i>Lb3sail</i>	GAATTCATAACCAATCTCGATAC
Characterization of <i>ldl/fld</i> Arabidopsis mutants by RT-PCR analysis	
<i>LDL1-F</i>	CAACAGAGACTAAAGAAACCCGACC
<i>LDL1-R</i>	CGGCGGTTTCTTGAGAAAGCTGGG
<i>LDL2-F</i>	CCGAGGAGGAACAGGAG AAAAGTAAG
<i>LDL2-R</i>	AGTACCCTTTCAGGAATATAAGGAGCAA
<i>FLD-F</i>	GCACCAAAGAAACGAAGGAGAGGACG
<i>FLD-R</i>	GCCGAATCTAAGAGACTACTACAATGTTTAGGAATC
<i>LDL3-F</i>	CAGCGCCAGGGTTTTTCTGTAAAC
<i>LDL3-R</i>	TCTCAGCCGTTGAAGGCCATATTCT
<i>UBQ5-F</i>	GGAAGAAGAAGACTTACACC
<i>UBQ5-R</i>	AGTCCACACTTACCACAGTA
qRT-PCR primers	
<i>LDL1-F</i>	AGCTGCAAGACTGAATCGACA
<i>LDL1-R</i>	ACAACGTAGACGCAGCTGAA
<i>LDL2-F</i>	GCCTGCCTTGGTTGCCTTA

Supplementary Table 2. (Continued)

<i>LDL2-R</i>	GGGTCAGGCACAACAACACCT
<i>FLD-F</i>	ACTGGTCGCAAGCTACCATCA
<i>FLD-R</i>	AATCCTTCTGATCATCTTCCGCTT
<i>LDL3-F</i>	TGGATCCTGGATTTCGATGGGT
<i>LDL3-R</i>	CCTCAAGGCAAAGAGGTCACCT
<i>FLC-F</i>	CCGAACCTCATGTTGAAGCTTGTGAG
<i>FLC-R</i>	GTCGGAGATTTGTCCAGCAGGTGAC
<i>FWA-F</i>	GAAATTAGTCCAGGATGTCTGC
<i>FWA-R</i>	TGAATTTTCTGCCACTTGTC
<i>MAF1-F</i>	GGATCAGTGTTGTACCTCCTTCG
<i>MAF1-R</i>	TCCAATCCGTACATTGAGACAC
<i>MAF2/3-F</i>	CTCGCGCCAATGTGGAAAT
<i>MAF2-R</i>	AATTCTTTCGCATGAGCTTCTG
<i>MAF3-R</i>	AGGTACAACAAAGATCGGTAGCTT
<i>MAF4-F</i>	TGATTTGTAGTTCATAAGGAAAGC
<i>MAF4-R</i>	TTGATGCATCTCCTTGGATGAC
<i>UBC21-F</i>	CTGCGACTCAGGGAATCTTCTAA
<i>UBC21-R</i>	TTGTGCCATTGAATTGAACCC