

Table 1, Supplemental

Primer sequences used for RT-PCR expression analysis of SCPL genes.

<u>SCPL Protein</u>	<u>Gene accession number</u>	<u>Forward primer</u>	<u>Reverse primer</u>
1	At5g36180	GGTACGATGTTATTACAG	TTATACGTAAAGGCAGGTCC
2	At1g73300	GGTACGATGTTATCGCAC	TTATACGTAAAGGCAGGTA
3	At1g73280	CATATGTCAACGACGTATAA	TTTATACGTAAAGGACGT
4	At1g73310	TGCGAACGACATATATTAC	GAATCACACACAATCTCTT
5	At1g73290	GCCAAGAAGTTGTAATAAAA	CTAGATCCATAAACTCTAA
6	At1g73270	TACAGATCACATATTATAC	CCAACAATTGTCCCTTGT
7	At3g10450	AACAAAGCACTTATAATAACG	AAATGTGGAATTGCTTTGG
8	At2g22990	GATGTAACCAATGTAACA	GGTGAAGGTCATAAGCCTT
9	At2g23010	GACTCAAATACACAACACA	CGTAAAAGACTAAAACACGA
10	At2g23000	AAAAAAGGACATGGAATAAC	CTCTAAAAGAGGCCTTCTA
11	At2g22970	ATTAGCTTTTGGGCCAAT	CTCCTCAGGAACAAATAGC
12	At2g22920	CTTGGCTACTGGATCAAC	TCAATAATATAAACAAAAA
13	At2g22980	TTCATAAACTGAATAAGTAT	TTTTATGTTACATAGTTTT
14	At3g12230	AAACCAAATGTGAGACT	TGGTTTATATTCCAACGTA
15	At3g12240	AAATCAAATGCGAGCAC	TGGTTTATATTCCAATGTG
16	At3g12220	CGTACCAAATGTGACCTT	CAC TTGAGGAGTAAGTTTT
17	At3g12203	GCATGTGGCTTTATCTTG	TAGTCATCAACATAGATTG
18	At1g33540	TCCTTATTCAGGAGAACAC	TTTCAATGATTTTTGTTGG
19	At5g09640	GAGCTCTAGGCGTGAAAAAG	ACAACAAAGAGAGAAAGAG
20	At4g12910	CATTAGATCGCTTCCCTTCA	AACTGATGAGACAGCTCTC
21	At3g25420	TATCGAGTTTCTGCCTAAG	TGCATGGAAC TTGAGAATT
22	At2g24000	CGATTCCGCCATTTATGTC	AGTGGAGCTACAAATGTTG
23	At2g24010	CAATTGGGCACCTACTTTC	GTTAACTCGGGTTTTGGAG
24	At4g30610	CGACAATGCGGTTAACTAC	GTTTAGGTTATTTAAAGTAG
25	At3g02110	CGAAACCCTTTATCTTAC	CAATCTCTCTCTTGACTTC
26	At2g35780	CACCAAGGCCATGGAAGCT	ACTCTGGTCTTATCACAGT
27	At3g07990	TATGGTGGCTCTGAGAAAT	GTCCATTCAAGGTTTTATC
28	At2g35770	CAACGCTGCTCTGAACCAA	ATGTACCTCATGCAAATAA
29	At4g30810	TAACAAGATTCTGGAGATA	AAGTTTTTGATTGAGAATC
30	At4g15100	CATAGCAGAAGTTGACAAG	ACTCAAATATTAGATTACC
31	At1g11080	CAGCGTAATACTTGGAGC	TAATCATTGAATTTCTCT
32	At1g61130	TAGTGACACTACATGGGAC	GATCTGGTGGATTATTTCC
33	At3g17180	GTCTTCGAACTGGTCAGAG	CGGTA AAAAGATAGAGAGA
34	At5g23210	ACAAAACTTGTGACCAAG	TCATAAAATCTGTGGGTAG
35	At5g08260	TTTCAAAGGGTTCATGGAT	AACTTGCCATCATGACTTG
36	At3g52000	TGCCATTTGGCGTCCCAAA	GTCCATTAAAGTTTATAGG
37	At3g52010	TGCGCACTTTGCGTAAAAA	ATATTGTTCAAGTCAATCGA
38	At2g05850	TGCCCAAAGATAATGCCTA	ATCTTGATCAGTCAATAGA
39	At3g52020	TGCATCGCATTGAGTATGA	GAAAAAGAGTGTTGTGGT
40	At3g63470	TGCGCGGTGGTGTCCGACC	AAAAGCTAATTAAGAGAGA
41	At5g42230	GCTATCCGTGAAGCCGGAG	TACTCTAATAATGAGATTC
42	At5g42240	GCTATTAGTGAAACTGAAA	TTAAATACAAAAACTACAT
43	At2g12480	TGTATATATGCAATCGTTG	AATATGTTTCTATCTCAAC
44	At1g43780	TGCGAAGCTGCAGTGAATC	GAAAAATGACCAACGAAGA
45	At1g28110	GAGTGAGTACTATAGAGGG	TATTATTTTATACTTACAT
46	At2g33530	GAAACAAGTAGATTCATAG	CTCAGAAAATGGTAAACGC
47	At5g22980	GTCTTGGTGGTGGTTAGT	TTTTTAAATCAAATGTTCT
48	At3g45010	GTGTGCTTCTTACTACT	GCCGGTTCGGAATTTGGAT
49	At3g10410	GAAGTGTGGCACAACCTTC	CAACGCAAAAAGAAGATGTG
50	At1g15000	GACAGGACTCGCGACGCTC	AAGTACAAGTACACAATAT
51	At2g27920	GGAAGAGAAAAATAAAAAAG	GTTTGGAAAGAAAGATGGG
-	ACT2/8	CATCATGGTGTCTGTTGG	CATGAGGTAATCAGTAAGGTCAGG