**Figure S7. Alignment of nucleotide sequences corresponding to *lect2a* and *lect2b*.**

 1 50

lect2a\_BT059281 (1) -CAAGACTTTCTTGTAGATTTTCTCCTTGA-GTGAAAGCATCATCTAAGG

lect2b\_DV106130 (1) GCAAGACCTTCTTGCAGAGTTTTTCCTTGAAGCGAAAGCATCCTCTCAGG

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**C164R142**

 51 100

lect2a\_BT059281 (49) CTTTACCATGAGGACTGCTGTTCTTTTGTTTACTGTGGTGCTCATAGCTG

lect2b\_DV106130 (51) CTTCAACATGAAGACAGCTATTCTTCTGCTTACTGTAGTCCTTATGGCTG

 101 150

lect2a\_BT059281 (99) TGTTGTCAGAGTGCGAGATGGTCAAGTTTGGTCAGCTGTGCAGCGGCAAC

lect2b\_DV106130 (101) TGTTGCCAGAGTGTGAGATGGCCAAGTTTGGTCAGCTGTGTAGCGGAAAT

 151 200

lect2a\_BT059281 (149) TCCAGTAACAGGAGGAGGACAGGGGA**CAGATGGGGACAAGGACACT**ACGG

lect2b\_DV106130 (151) TCCAGTAACAGGAGGAGGACAGGGG**ACAACTGGGGACAAGGACAG**TACGG

 201 250

lect2a\_BT059281 (199) CGCACGCAGAGGAAACCGTGAGCATCAGGGCCTGGACATTGTGTGTAATG

lect2b\_DV106130 (201) AGCAAGCAGAACAGACCATGTGCATAAGGGCATTGACATCGTGTGTAACG

 251 300

lect2a\_BT059281 (249) ATGGGGCCACAGTGTACGCTCCATTTGATGTGAAACTCAATGGGAAAGTG

lect2b\_DV106130 (251) ACGGGGCCACAGTGTACGCTCCATTTGACG**TGAAACTCAACGGCAAAGTG**

 301 350

lect2a\_BT059281 (299) ATCGTG**TACACAGACCCGAAGAAGGC**AGCCATCAATGATGGGATCAACCT

lect2b\_DV106130 (301) ACAGTGTACACAAACCCAAAGAAAGCAGCCATCAACGATGGGATCAACCT

 351 400

lect2a\_BT059281 (349) CAGTGGAGAGGGTCTGTGCTTTAAGCTGTTCTACGTAAAGCCTGACAAGT

lect2b\_DV106130 (351) CAGTGGGGAAGGTCTGTGCTTTAAGCTGTTCTACGTGAAGCCTGACAGTT

 401 450

lect2a\_BT059281 (399) ACTCTGGGGTGGTGAAGAAGGGCCAGAGGATTGGGACCCTGCTGACCATG

lect2b\_DV106130 (401) ACTCTGGGGTGGTGAAGAAGGGCCAGAGGATTGGGACCCTGCTCCCCATG

 451 500

lect2a\_BT059281 (449) CAAAGTGTCTACCCAGGGATCACTTCTCACGTCCACGTCCAGATGTGTGA

lect2b\_DV106130 (451) CAGAGTGTCTACCCAGGGATCACTTCTCACGTCCACGTCCAGATGTGTGA

 501 550

lect2a\_BT059281 (499) CAAGTCTGACCCCACCAAGTTTTTCTAATGGAGTCCCCTTTGGCCTCTCC

lect2b\_DV106130 (501) CAAGTCCGACCCCACCAAGTACTTCTGATTGA-------TTGG---TTAA

 551 600

lect2a\_BT059281 (549) ATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAAT

lect2b\_DV106130 (541) ATAAATCATCTAAATTATCAC-CAATG-----------------------

 601 650

lect2a\_BT059281 (599) CAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCTACAAAATG

lect2b\_DV106130 (567) --------------------------------------------------

 651 700

lect2a\_BT059281 (649) ATTGTAATCATTGGCCAATAGATGGGCTTACTGTGTTTAAAAATAATAAT

lect2b\_DV106130 (567) --------------------------------------------------

 701 750

lect2a\_BT059281 (699) TTGCTTATTATAATAAACATTTTTTATTACAGTATAAAATACATAAAAGT

lect2b\_DV106130 (567) --------------------------------------------------

 751 800

lect2a\_BT059281 (749) TGCACACTTCTGGAATAAAGTTTTAACCCTTTAAGCATCAACAGGGGTAA

lect2b\_DV106130 (567) --------------------------------------------------

 801 850

lect2a\_BT059281 (799) TTCATAATTTCAAAAACCTTTTTTTTATCCTTTTATGCAACTAGTTACAG

lect2b\_DV106130 (567) --------------------------------------------------

 851 900

lect2a\_BT059281 (849) ACATGAAAATAATTTACAATGATTTCTGTGTTAATATATAATTTCTGTGG

lect2b\_DV106130 (567) --------------------------------------------------

 901 950

lect2a\_BT059281 (899) TATATATATATATATATATATATATATATATATATATATATATATATATA

lect2b\_DV106130 (567) --------------------------------------------------

 951 1000

lect2a\_BT059281 (949) TAAAATCTCTTTTTTGTGTACTAGTTTTACGTGGCTAATCTGACAATGTG

lect2b\_DV106130 (567) --------------------------------------------------

 1001 1050

lect2a\_BT059281 (999) GACTCAATAGTAAACTTTGAAAAAAACATAGATTTAAAACAAATACACGT

lect2b\_DV106130 (567) --------------------------------------------------

 1051 1100

lect2a\_BT059281 (1049) GTCAAGGCTGTGGGTAACTGGTGAAAGGAGTCAGGCGCAGGAGAGCTGAG

lect2b\_DV106130 (567) --------------------------------------------------

 1101 1150

lect2a\_BT059281 (1099) ATGCGTGGACAAGGTATTTAATACAAGAAAACATCAGTATGAACACAATA

lect2b\_DV106130 (567) --------------------------------------------------

 1151 1200

lect2a\_BT059281 (1149) CTATGGTGCTGGAAAAAAAACGGTACCACGAAATTAACAGGCGTAATAAA

lect2b\_DV106130 (567) --------------------------------------------------

 1201 1250

lect2a\_BT059281 (1199) AAAACCCGGTAACAATATACCAGCCGTCAGATACAGCCTTACAATAAAAC

lect2b\_DV106130 (567) --------------------------------------------------

 1251 1300

lect2a\_BT059281 (1249) AAAGACGCACACAAACATCGGGGAAACCAGAGGGTTAAATAATGAACATG

lect2b\_DV106130 (567) --------------------------------------------------

 1301 1350

lect2a\_BT059281 (1299) TAATGGGGGAATTGAAACCAGGTGTGTAAAAAAACAACAACAAAACAAAT

lect2b\_DV106130 (567) --------------------------------------------------

 1351 1400

lect2a\_BT059281 (1349) GGAAAATGAAAAGTGGATCGGTGATGGCTACCGCCGAATGCCGCTCGAAC

lect2b\_DV106130 (567) --------------------------------------------------

 1401 1450

lect2a\_BT059281 (1399) AAGGAGCGGGACCGACTCCGGCGGAAGTCGTGACAACATGTGTGTCATTG

lect2b\_DV106130 (567) --------------------------------------------------

 1451 1500

lect2a\_BT059281 (1449) AACAACCCCATACCATGACTAGATGGTGGAAAAAAACACCCATCTCTTTA

lect2b\_DV106130 (567) --------------------------------------------------

 1501 1550

lect2a\_BT059281 (1499) ATAAGTTCTTTAGACAATTAAAGCTAATTTACCAACATTTCTGAAAATTT

lect2b\_DV106130 (567) --------------------------------------------------

 1551 1600

lect2a\_BT059281 (1549) GGAATGAAACTTCTATTGATAAAAATAACTGTTTAAAACATGAAAAACAT

lect2b\_DV106130 (567) --------------------------------------------------

 1601 1650

lect2a\_BT059281 (1599) ACTAAAATGTATATTTTTAAACATGAAATTTGACTATAAATGTGTGAAAA

lect2b\_DV106130 (567) --------------------------------------------------

 1651 1700

lect2a\_BT059281 (1649) TTTAAAATATATGCATATTTTGGGGAATTTAATAAAAGAAAAAGTGTTAC

lect2b\_DV106130 (567) --------------------------------------------------

 1701 1750

lect2a\_BT059281 (1699) TGTTTGACAGAAAATGCCATTTTGCCATTATTTCCAATTTGGGGTTAAAA

lect2b\_DV106130 (567) --------------------------------------------------

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 1751 1800

lect2a\_BT059281 (1749) TGACCCATGTTGATGCATTTAGGGGTCAAAATATGTTGGTCCTTTTGGGG

lect2b\_DV106130 (567) --------------------------------------------------

 1801 1850

lect2a\_BT059281 (1799) TATTAACAACAAAATAAATACATCATAAATCATTCCTAATAAATAATGTG

lect2b\_DV106130 (567) --------------------------------------------------

 1851 1900

lect2a\_BT059281 (1849) TATTTTTGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

lect2b\_DV106130 (567) --------------------------------------------------

 1901 1914

lect2a\_BT059281 (1899) AAAAAAAAAAAAGA

lect2b\_DV106130 (567) --------------