

Table S1: Sequences of the primers used in the study

| Primer | Sequence (5' to 3') |
|---------------|--|
| PC1F | GGATGTGCTGCAAGGCGATTAAGTTGG |
| PC1R | CTCGTATGTTGTGTGGAATTGTGAGC |
| SUN_LICF | TACTTCCAATCCAATTTAATGCACCACTGTACTGTTGATGCGT CTGTG |
| SUN_LICR | TCCTCCACTTCCAATTTTAGCCGCACGCTTCTTAGAAATACTT GC |
| SUN_PR_F | TGCGGCTGCCGCGAAATGCAGTGAAGGTATTTTCAGCAATTG GCACATGGAATGGTAACCGACAAACGCGTTC |
| RCC_LICF | TACTTCCAATCCAATTTAATGCACCTAAGACAGACCT TGCCAAGGCCGC |
| RCC_LICR | TCCTCCACTTCCAATTTTAGCTCGACTGTTTGGGCGCC |
| SUN_PR_R | ATCCGTCCTCCCTTCTGGTCCAGTTGCCTCGACGCGGTTTTCT GTTTCATAGATCTGGTTGAAGACAGACGAAAGC |
| P1 | ATGCTAACAGCAGATGGCACGACTCTC |
| P2 | GCACGGCAGTCAGATAACAGGTGTA |
| P3 | CGCCTTGGCGAATGTTTCATGAC |
| P4 | GTAGCCGTCGTCCTGATCTTGGAC |
| P5 | AACGCATGCACCTACAAATCGACAC |
| P6 | ATCACTTATTCAGGCGTAGCAACC |
| P7 | CGCGAATAAATACCTGTGACGGAAG |
| KinR | ATCTTTCCAGCTACACATCTGCGTC |
| culR | AAGACGTCGACTTCCGATGCAAAC |
| IMCR | CTGAGAAGCTTCGGCAGTCACGTG |
| SMCR | GTTTCTATGGCGGAAGTGACCATGT |