Table S1. Primers used in this study

|  |  |  |
| --- | --- | --- |
| Primer | Forward | Reverse |
| Cg18 S | AGCGGAAAGCCTCGCAGT | TGTCGTTACCATCTCGACCCA |
| GCS | ATTGCTGGCGTATGCGTT | CTAATCTAAACGGTCTTTACTTCTT |
| GCScomp | GGGGACAAGTTTGTACAAAAAAGCAGGCTAGAGATTGGATTACTCGGATAGAAG | GGGGACCACTTTGTACAAGAAAGCTGGGTGCAAAGAAATCGGCGAAGAC |
| attB\_GCS\_5attB\_GCS\_3 | GGGGACAACTTTGTATAGAAAAGTTGGCGGCCGCCTCCCGTCAACTTCAGACTCTTGGGGACAGCTTTCTTGTACAAAGTGGCTGCTCTGCTGTGGTTATTTTG | GGGGACTGCTTTTTTGTACAAACTTGCTCTTCTCGGCTACACAGAGGTGGGGACAACTTTGTATAATAAAGTTGGCGGCCGCTAATGGTTGAAAGGGAATGGAG |
| qGCS | GGAACATTAGTCGTGCCTACC | CGTCAGCCTCATAACCAAGAAG |
| GCS\_5'CGCS\_3'C925Hyg32 | ATCCATTGTCGCTTGTTTCCCTGAAGATCGTGTTCTGGTTTGGCCTGGACGACTAAACCAACCTACTACTGGGCTGCT |  |
| NMR | GCTGGAGATGGTTCTTATGTTGT | TGTGGAGATGTTCCTCACTTGA |
| APER | CGTGGCTGGCTTGTTCTT | GATGCGGCGACTGTGATAC |
| PL | ATCGGTCGTCAGCATATTGTC | AGGTGTGGTGGATGTAGTTCT |
| GASP | GGTTACTCTGCTGCTGACATC | GCCTCCTTGAAGTTGGTGTT |
| PEC | CCTCTCAACGACCTCTTCCA | GCTCTTCTTGGCGGTGATG |
| ZF | TCATACGCACCTCGGAGAC | TCGGCAACCATCGCAATC |
| FCB | GGCACGGAGTTCTACTTCAAC | AGGACTTGGCGTTCTGGTA |