Table S1. Primers used in this study

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| Primer | Forward | Reverse |
| Cg18 S | AGCGGAAAGCCTCGCAGT | TGTCGTTACCATCTCGACCCA |
| GCS | ATTGCTGGCGTATGCGTT | CTAATCTAAACGGTCTTTACTTCTT |
| GCScomp | GGGGACAAGTTTGTACAAAAAAGCAGGCTAGAGATTGGATTACTCGGATAGAAG | GGGGACCACTTTGTACAAGAAAGCTGGGTGCAAAGAAATCGGCGAAGAC |
| attB\_GCS\_5  attB\_GCS\_3 | GGGGACAACTTTGTATAGAAAAGTTGGCGGCCGCCTCCCGTCAACTTCAGACTCTT  GGGGACAGCTTTCTTGTACAAAGTGGCTGCTCTGCTGTGGTTATTTTG | GGGGACTGCTTTTTTGTACAAACTTGCTCTTCTCGGCTACACAGAGGT  GGGGACAACTTTGTATAATAAAGTTGGCGGCCGCTAATGGTTGAAAGGGAATGGAG |
| qGCS | GGAACATTAGTCGTGCCTACC | CGTCAGCCTCATAACCAAGAAG |
| GCS\_5'C  GCS\_3'C  925  Hyg32 | ATCCATTGTCGCTTGTTTCC  CTGAAGATCGTGTTCTGGTTTG  GCCTGGACGACTAAACCA  ACCTACTACTGGGCTGCT |  |
| NMR | GCTGGAGATGGTTCTTATGTTGT | TGTGGAGATGTTCCTCACTTGA |
| APER | CGTGGCTGGCTTGTTCTT | GATGCGGCGACTGTGATAC |
| PL | ATCGGTCGTCAGCATATTGTC | AGGTGTGGTGGATGTAGTTCT |
| GASP | GGTTACTCTGCTGCTGACATC | GCCTCCTTGAAGTTGGTGTT |
| PEC | CCTCTCAACGACCTCTTCCA | GCTCTTCTTGGCGGTGATG |
| ZF | TCATACGCACCTCGGAGAC | TCGGCAACCATCGCAATC |
| FCB | GGCACGGAGTTCTACTTCAAC | AGGACTTGGCGTTCTGGTA |