**Table S1. Primers used in this study**

|  |  |
| --- | --- |
| **Name** | **Sequence (5'→3')** |
| Agl1-50.1 | CAGCGACAACAGTAACAGAAAAAAGTAAC |
| Agl1-NesF | AGCGATCGGCGATTGAGAGTG |
| Agl1-m13F | GTCGTGACTGGGAAAACCCTGGCGGTAGTACACCTCGTTGGAAATCATTGT |
| Agl1-m13R | TCCTGTGTGAAATTGTTATCCGCTCGCATGTGGGAGTACTATGTCGTAGAC |
| Agl1-30.1 | CATCCGTCGTTCCACCATTAACC |
| Agl1-NesRM13FM13RIL-split | TGATTGGGGGTGCGGCGGTCGTGACTGGGAAAACCCTGGCGTCCTGTGTGAAATTGTTATCCGCTAGTGGTGGTGACAGGAATCGA |
| LV-splitGSN1-50.1GSN1-NesFGSN1-m13FGSN1-30.1GSN1-NesRGSN1-m13RGSN1-5'GSN1-3'NMR3-50.1NMR3-50.2NMR3-m13FNMR3-m13RNMR3-30.1NMR3-30.2NMR3-5´NMR3-3´Agl1-Pro-UAgl1-Fus-DGFP-UTrpC-DSur-USur-DGph1-P-SacII-UGph1-Spe1-DGFP-SpeI-UTrpC-Cla1-D | TCATAGGCATCTCCCGGTCTTGACAGACAGTTGAGTTTTGACCCAAGCACCTCCCCAGATGAAAGTCGTGACTGGGAAAACCCTGGCGAACGACATCAGTATTCTGTGGAATACCGTAGTCTTGTTGATGTGGACCCCCTCGTCGCTTCAGTATCCTGTGTGAAATTGTTATCCGCTAGATTGTCGCTTGGTTCCATGTGCGCACAGAGTTGGCGGTATGTTACCGTTGCCGTTGAGATGCTTCTCCCATTCGATGTTTGCAGCGTCTGCATTCCCGTACAAAGTCGTGACTGGGAAAACCCTGGCGAGTACCTCTTTGCCGCTTGTTTTCCTGTGTGAAATTGTTATCCGCTTCCAACCAAGTACCACGTAGGGGCTCAACATACCTCGATCAGTTGGAGACTGATGGTGAGGCACATCCAAAACCCCAGCAACCACCAAGCCTCAAAGCCAAGCATAGCGACAACAGTAACAGAAAAAGGTGAACAGCTCCTCGCCCTTGCTCACCATGTTCTTTTGCGACGACCCGTTATGGTGAGCAAGGGCGAGGATCACACAGGAAACAGCTATGACCATGATTAGCGACAACAGTAACAGAAAAAAACTGTTGGGAAGGGCGATCGGTGCGGGCCCCAACGCCACAGTGCCCCACTGTTACTTTTTTCTGTTACTGTTGTCGCTGTGAGAGCATGCAATTCCCGTAACCGCGGGCGCTGATCGTTATGAGGGTAAAACTAGTCGCACCAACCTTGAGCGGCAAACTAGTATGGTGAGCAAGGGCGAGGAAAATCGATGATCCACTTAACGTTACTGAAATC |