**Supporting information**

**S1 Table Primer sequences for PCR**

|  |  |
| --- | --- |
| Primer | Sequence |
| AsJAZ1-5’race | GGCCAAAACAATCTGCAAAGGGGAT |
| AsJAZ1-3’race | GCGGATTCTAACACTGGAATGTTGG |
| AsJAZ1-forward | CGGAATTCATGTCAACTTTCCCTAATACG |
| AsJAZ1-reverse | CGGGATCCTTATAAGTTAAGGTCAAATTGCTTGGAA |
| AsJAZ1-1forward | CCGGAATTCAGGTCCCGTAAGGCACCG |
| AsJAZ1-1reverse | CGCGGATCCAGGGTTGTTGAGTTGGTAAGGTCCT |
| AsJAZ1-2forward | CCGGAATTCAGGTCCCGTAAGGCACCG |
| AsJAZ1-2 reverse | CGCGGATCCTGGATATCTCATATCTGAACCAACG |
| AsJAZ1-3forward | CCGGAATTCAGGTCCCGTAAGGCACCG |
| AsJAZ1-3 reverse | CGCGGATCCCTTGGTGGCCAATTCCATGACT |
| AsJAZ1-4forward | CCGGAATTCAGGTCCCGTAAGGCACCG |
| AsJAZ1-4 reverse | CGCGGATCCGGACCCTGTTGACCTATTTAAATTA |
| AsB2510-forward | CGCGGATCCATGGGTTTCACTGAGGCACA |
| AsB2510-reverse | CCGCTCGAGTTAACTCATAGCTTTCTTAATTTCA |