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

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| **RiD53**(Glyma11G230700) | F:GGGGACAAGTTTgtacaaaaaagcaggctTCGTGAATACATCAATCTCAACTCCCAR:GGGGACCACTTTGTACAAGaaagctgggtACATCTTGCCAGCATACCTCCT |
| **qRT-GmD53** **(**Glyma11G230700**)** | F: TTTGTGAGCGATGAAGAAGGTR:TTTGTGAGCGATGAAGAAGGT |
| **qRT-GmNFR1α**(GLYMA02G43860) | F: ATTCACGAGCACACTGTGCCTR: CCAAAATCTGCAACCTTTCC |
| **qRT-GmNFR1β****(**GLYMA14G05060) | F: CGATGGTGAGTTTCTGGGGCAR: ATCAAGGCGAGCCTCGTTGG |
| **qRT-GmNFR5α**(GLYMA01G38560) | F: TTCCCTTTCTTCCTCTCCACR: GCATGAAAAGTTTGTTCTATTGTC |
| **qRT-GmNFR5β****(**GLYMA11G06740) | F: GTGTGGAAGCCCGGTGACAAR: CCGCCTTTTCTTCCGTCCGA |
| **qRT-GmDMI2α**(GLYMA01G02451 ) | F: GTCCTCAGTGGCCTTGACATT R: ACACCCTTTTGCCTGCTTTG |
| **qRT-GmDMI2β****(**GLYMA09G33510) | F: ACCATGCAGAGGCAATGTGGR: GAGGGCAGCACCCTTTTCTC |
| **qRT-GmDMI3α**(GLYMA15G35070) | F: AGTGTTTGGAGCACCGCAATCR: TCAAACAAGTCAAATATACGTGGTG |
| **qRT-GmDMI3β****(**GLYMA08G24361) | F: GGAGAGAAGAGCACAGCAGCR: ACAGCTCCAACACAAGGTGC |
| **qRT-GmNSP1α**(GLYMA16G01020) | F: CAACACTTATCTTCTTCTCCAACTR: GGAAGCATTTGCTATGTTGTTAGG |
| **qRT-GmNSP1β****(**GLYMA07G04430) | F: CCGTGGTCACTGCTTCTTCCR: CCCTTTGGGCTCCATGTTCC |
| **qRT-GmNSP2α****(**GLYMA06G11610) | F: GAGGAGGAAGTGGCCTCCATR: TGATTCGCGAAGCTCATCGG |
| **qRT-GmNSP2β**(GLYMA04G43090) | F: AATCATTGCCAAGCGAAGCTR: AGTCCAAAGCGAGGCAGAGA |
| **qRT-GmEnod40**(Glyma01g03470.1) | F: GAAAGGGGTGTGAGAGGAGAGR: CGCCACTCAAGAAAGAATGTT |
| **qRT-GmNINα**(GLYMA04G00210) | F: TAACATGCGATGCTGATCTTGR: TGATTTAGAGGCGAAGCTTGA |