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PI  GAAAGGAAAAATTCTGCTCGTTTTTTTTCTCTGTGGTGTGTGTTTGTGGCGAGAGAAAAT
LB  GAAAGGAAAAATTCTGCTCGTTTTTTTTCTCTGTGGTGTGTGTTTGTGGCGAGAGAAAAT
    *****

PI  GATTTGGGGAAAGCAAATCCGGAGATTTCGCACGTACGATCGTTCGACACGTTCGACGCC
LB  GATTTGGGGAAAGCAAATCCGGAGATTTCGCACGTACGATCGTTCGACACGTTCGACGCC
    *****

PI  GGCGGGCCCGGGGTGGGGCATCGTGTGGCTGCAGGACCGCGGGGCCCCGCAAAGCGGGCC
LB  GGCGGGCCCGGGGTGGGGCATCGTGTGGCTGCAGGACCGCGGGGCCCCGCAAAGCGGGCC
    *****

PI  GGGCCAATGGGTGCTCGACAGCGGCTATGCTCCAGACCAGCCCGGTATTGCATACCGCGC
LB  GGGCCAATGGGTGCTCGACAGCGGCTATGCTCCAGACCAGCCCGGTATTGCATACCGCGC
    *****

PI  TCGGGGCCAGATCCCTTTAAAAACCCCTCCCCCCTGCCGGAATCCTCGTTTTTGGCCTGG
LB  TCGGGGCCAGATCCCTTTAAAAACCCCTCCCCCCTGCCGGAATCCTCGTTTTTGGCCTGG
    *****

PI  CCATCCTCCCTCTCCTCCCTCTCTTCCACCTCACGTCTCACCACCAACCACCTGATAGCC
LB  CCATCCTCCCTCTCCTCCCTCTCTTCCACCTCACGTCTCACCACCAACCACCTGATAGCC
    *****

PI  ATGGCTCCGCCCGCTCGCCTCCGCTGCGCCAGTCGGAGTAGCCGTTCGCGGTCTGCCGGT
LB  ATGGCTCCGCCCGCTCGCCTCCGCTGCGCCAGTCGGAGTAGCCGTTCGCGGTCTGCCGGT
    *****

PI  GTTGGAGGGTAGGGGCGTAGGGTTGGCCCGGTTCTCGAGCGGAGATGGGGCGGGGGAAGG
LB  GTTGGAGGGTAGGGGCGTAGGGTTGGCCCGGTTCTCGAGCGGAGATGGGGCGGGGGAAGG
    *****

PI  TGCA
LB  TGCA
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Figure S1 DNA sequence comparison indicates the same 484-bp fragment amplified by primer pair VRN1AF/VRN1AR in both Lebsock (LB) and PI 94749 (PI), which indicated no sequence variation in the promoter region of the *VRN-1* gene of the two parental lines.