

Supplementary Table S1. List of oligo sequences.

| Primer | Sequences (5' to 3') | Function |
|--------|-------------------------|--|
| ipt-F | ATGGATCTGCGTCTAATTTTCGG | Forward primer to amplify the <i>ipt</i> gene (Fig 2b, 3b, 3d, 3e, 4a, S2) |
| ipt-R | CTAGCACATTCCGAACGGTGGA | Reverse primer to amplify the <i>ipt</i> gene (Fig 2b, 3b, 3d, 3e, 4a, S2) |