

1 Supplementary Table S1

2 The optimal thermal cycling conditions of studied regions for *Ludwigia*.

PCR thermal cycling conditions						
DNA regions	Initial denaturation	Denaturation	Annealing temperature	Elongation temperature	Final extension	Number of cycles
Nuclear regions						
<i>PgiC</i>	94°C, 5 min	94°C, 40 sec	54°C, 35 sec	72°C, 2 min	72°C, 5 min	33
Chloroplast regions						
<i>rpL16</i>	94°C, 5 min	94°C, 40 sec	54°C, 1.5 min	72°C, 90–120 sec	72°C, 5 min	33
<i>rpoB-trnC</i>	94°C, 5 min	94°C, 40 sec	54°C, 2 min	72°C, 90–120 sec	72°C, 5 min	33
<i>trnL-trnF</i>	94°C, 5 min	94°C, 40 sec	54°C, 1.5 min	72°C, 90–120 sec	72°C, 5 min	33
<i>ycf6-psbM</i>	94°C, 5 min	94°C, 40 sec	54°C, 2 min	72°C, 90–120 sec	72°C, 5 min	33