Response to Reviewer 1 Comments

**Point 1:** "back of tobacco" is not clear be more specific.

**Response 1:** Thank for your kindly suggestion. We feel sorry for the unclear statement. We have modified this part in revised manuscript (Line 233-236). This sentence has been changed to “A suspension of *A. rhizogenes* strain GV3101 containing the pORER4-*OfSPL11*-GFP recombinant plasmid was aspirated using a 1 mL range syringe (needle not included), and the suspension was gently injected into the abaxial surface of four-week-old tobacco leaves avoiding the leaf veins.”

**Point 2:** Rephrase lines 266-268 is unclear; wording, grammar and punctuation are wrong.

**Response 2:** Special thanks to you for your good suggestion. We have revised the manuscript according to your comments (Line 274-277). This sentence has been changed to “*A. tumefaciens* suspensions containing the fusion vector *OfSPL11*pro: LUC was transiently transformed into *O. fragrans* callus using vacuum infiltration, and then the *O. fragrans* callus were cultured in a symbiotic medium containing 0 mM and 200 mM NaCl.”

**Point 3:** Rephrase lines 317-318. Comments as above.

**Response 3:** Thank you for your comment. We have modified this part in revised manuscript (Line 326-328). This sentence has been changed to “To better understand why *OfSPL11* transgenic lines exhibit enhanced abiotic stress tolerance, we analyzed the expression of known abiotic stress response genes in 3-week-old wild-type and transgenic *Arabidopsis*.”

**Point 4:** In lines 271-272 and 395-396, how do you explain that salt induced promoter trans-activation? Is there any published precedent?

**Response 4:** We feel sorry for the unclear statement. In a previous study (Ding, 2021), the *LlWRKY39* promoter was fused to a pGreenII-0800-LUC vector using a recombinant ligase (Vazyme, Nanjing, China). The constructed vector and an empty vector (control) were transformed into *A. tumefaciens* strain GV3101 (pSoup), which was used to transform *N. benthamiana* leaves. The LUC signal increased profoundly after subjection to HS (37℃), although under normal conditions (room temperature), the LUC signal was very low, which implied that HS activated the promoter activity of *LlWRKY39*. In this study, the experimental operations, reagents and plant materials were were the same as the previous study, except for the different treatment conditions. Therefore, we suggest that salt stress can induce the activity of the *OfSPL11* promoter.

Ding, L.P.; Wu, Z.; Teng, R.D.; Xu, S.J.; Cao, X.; Yuan, J.Z.; Zhang, D.H.; Teng, N.J. LlWRKY39 is involved in thermotolerance by activating *LlMBF1c* and interacting with LlCaM3 in lily (*Lilium longiflflorum*). *Horti. Res*. **2021**, *8*,36. <https://doi.org/10.1038/s41438-021-00473-7>

**Point 5:** In line 38 replace "Fortunately" with However.

**Response 5:** Thank you for your comment.Special thanks to you for your good suggestion, we had made correction carefully (Line 38).

**Point 6:** In line 63 replace "trancroptoma" with transcriptome.

**Response 6:** Thank for your kindly suggestion, we have replaced this word in the revised version (Line 63).

**Point 7:** In line 65 replace "And" with In addition.

**Response 7:** Special thanks to you for your good suggestion, we had made correction carefully (Line 65).

**Point 8:** In line 69 add period after assay.

**Response 8:** Thank you for your comment. We are very sorry for our negligence, we had made correction in the manuscript (Line 69).

**Point 9:** In line 83 what extraction method was used? Mention kit of reagent brand.

**Response 9:** Thank for your kindly suggestion. We had made correction in the manuscript (Line 83-84). The statements of “RNA extractions” were corrected as “total RNA was extracted using the RNA prep Pure Plant Plus Kit (Tiangen, Beijing, China).”

**Point 10:** In line 91 what brand was Taq polymerase from?

**Response 10:** Thank you for your comment. We had made correction in the manuscript (Line 92). Taq polymerase was purchased from TaKaRa Biotechnology, Inc, Dalian, China.

**Point 11:** In line 100 replace "ligated" with was ligated and quote a reference for pORER4-GFP vector or mention brand if it is commercial.

**Response 11:** Thank you for your comment.Special thanks to you for your good suggestion, we had made correction carefully (Line 102-103). The pORER4-GFP vector and the plant expression vector *OfSPL11*-GFP were purchased from Tsingke, Biotechnology, Inc, Hangzhou, China.

**Point 12:** In line 113 replace "psoup" with pSOUP and "tobaccos" with tobacco plants.

**Response 12:** Thank you for your comment. We are very sorry for our negligence, we had made correction carefully (Line 115 and 270).

**Point 13:** In line 117 and 267 replace "vacuuming penetration" with vacuum infiltration.

**Response 13:** Thank for your kindly suggestion, we had made correction carefully (Line 119 and 276).

**Point 14:** In line 118 define "symbiotic medium".

**Response 14:** Thank you for your comment. We have modified this part in revised manuscript (Line 121-125). This sentence has been changed to “Symbiotic medium was prepared by weighing 4.414 g MS, 20 g sucrose, 10 g glucose, 7 g agar into a conical flask, sterile water was fixed to 1 L. The medium was sterilized in an autoclave for 30 min and the temperature was lowered to 55℃, add 100 μl naphthalene acetic acid (0.1 mg L-1), 500 μl zeatin (1mg L-1), 1 mL folic acid (1mg L-1), 1 mL 6-BA (2mg L-1), 500 μl acetosyringone (0.1 mol L-1).”

**Point 15:** In line 123 delete the first phrase which is repetitive (was already written before in Line 100).

**Response 15:** Thank you for your comment. We are very sorry for our negligence, we had made correction in the manuscript (Line 129).

**Point 16:** In line 129 replace "strains and "strain" with lines and line.

**Response 16:** Special thanks to you for your good suggestion, we had made correction carefully (Line 136).

**Point 17:** In line 131 delete the period after experiments.

**Response 17:** Thank you for your comment. We are very sorry for our negligence, we had made correction carefully (Line 138).

**Point 18:** In line 138 Seedling should be lowercase.

**Response 18:** We are very sorry for our negligence, we had made correction in the manuscript (Line 145).

**Point 19:** In line 149 mention the kit brand.

**Response 19:** Thank you for your comment. We had made correction in the manuscript (Line 156-157). The statements of “the MDA assay kit” were corrected as “the MDA assay kit (Jiancheng Bioengineering Institute, Nanjing, China).”

**Point 20:** In line 154 add "strain" after receptor and mention kit brand

**Response 20:** Thank you for your comment. We had made correction in the manuscript (Line 162 and 163). The statements of “the yeast Y187 receptor strain preparation and transformation kit” were corrected as “the yeast Y187 receptor strain preparation and transformation kit (Coolaber, Beijing, China).”

**Point 21:** In line 169 add "were done" at the end. A phrase must have a verb.

**Response 21:** Thank for your kindly suggestion, we had made correction carefully (Line 177).

**Point 22:** In line 261 replace "tobaccos" with tobacco plants.

**Response 22:** Thank you for your comment, we had made correction in the manuscript (Line 270).

**Point 23:** In line 262 replace "were treatment by" with were treated with.

**Response 23:** Thank for your kindly suggestion, we had made correction carefully (Line 271).

**Point 24:** In line 264 replace "indicate" with indicated.

**Response 24:** We are very sorry for our negligence, we had made correction carefully (Line 273).

**Point 25:** In line 292 "The" must be lowercase.

**Response 25:** Thank you for your comment. We are very sorry for our negligence, we had made correction in the manuscript (Line 301).

**Point 26:** In line 318 "We" must be lowercase.

**Response 26:** We are very sorry for our negligence, we had made correction carefully (Line 327).

**Point 27:** In line 395 replace "it revealed" with revealed.

**Response 27:** Thank for your kindly suggestion, we had made correction carefully (Line 403).

**Point 28:** In line 406 delete period after stress.

**Response 28:** Thank you for your comment, we had made correction in the manuscript (Line 415).