**Radiotherapy in combination with hyperthermia suppresses lung cancer progression via increased NR4A3 and KLF11 expression**

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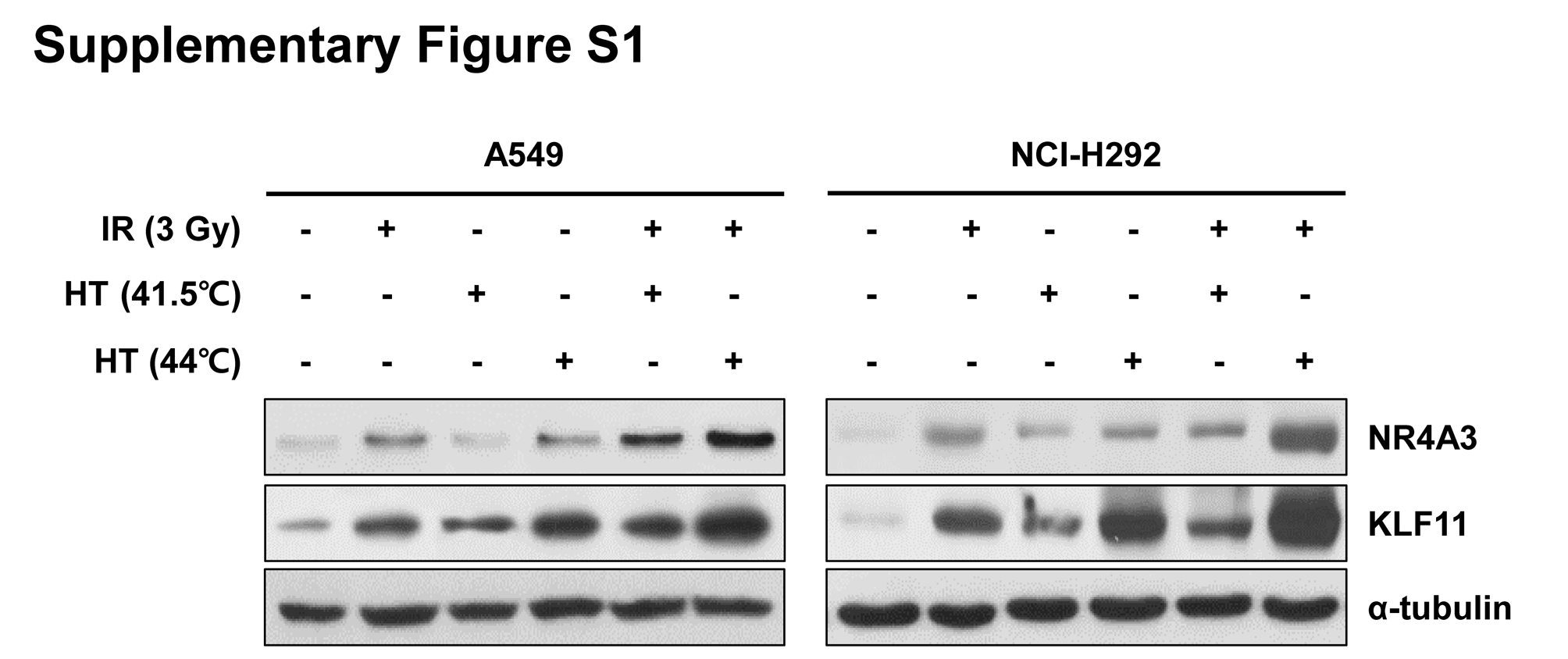
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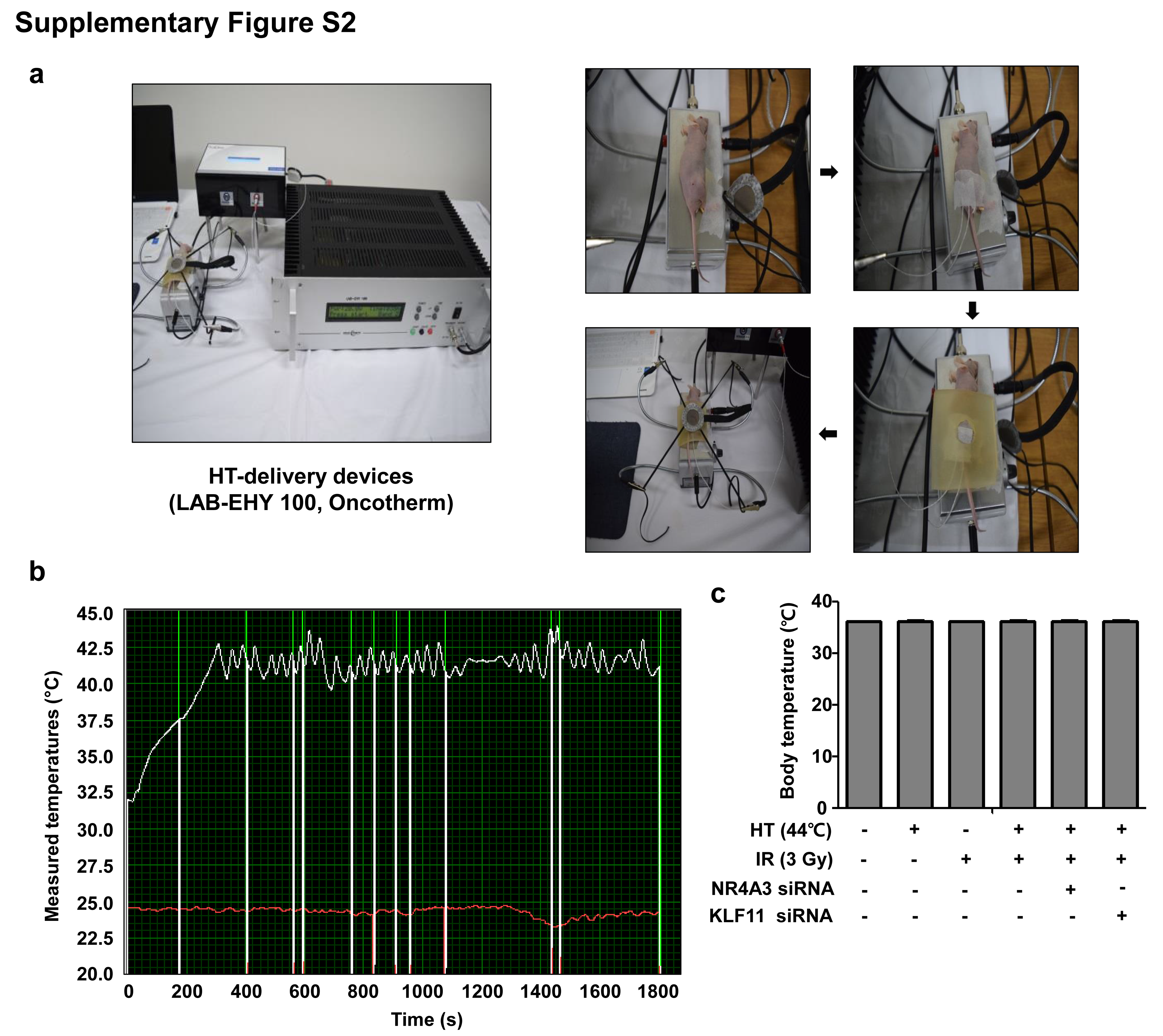
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Running title: NR4A3 and KLF11 induction by radiohyperthermia



**Figure S1. Expression of NR4A3 and KLF11 upon radiation followed by HT.** A549 and NCI-H292 cells were treated with radiation treatment followed by HT and the protein expression of NR4A4 and KLF11 was assessed by Western blot analysis.



**Figure S2. HT-delivering devices specifically designed for animal models were used for the *in vivo* experiments on HT treatment.** **a** HT-delivering devices and the process of HT treatment are indicated. A bolus was used to protect the areas outside the tumor. A specific sensor was inserted into the center of the tumor to confirm the temperature of the tumor. **b** HT was administered for 30 min and the temperature of the tumor was measured in real time. **c** Changes in whole body temperature immediately after HT treatment were measured using an infrared thermometer.