



S8 Fig. Expression of *GNPI* in reproductive meristems.

(A–C) In situ hybridization using an antisense probe for *GNPI* in NIL-*GNPI*^{LT} reproductive meristems at different stages. (A), early stage, with no observable branch meristems at 4 weeks after transplanting; (B), 5 weeks after transplanting, with branch meristems beginning to form. (C), 6 weeks after transplanting, with more branch meristems observed. Scale bar, 100 μ m. (D–F) In situ hybridization using an antisense probe for *OSHI* in NIL-*GNPI*^{LT} reproductive meristems at different stages. (D), early stage, with no observable branch meristems at 4 weeks after transplanting; (E), 5 weeks after transplanting, with branch meristem beginning to form; (F), 6 weeks after transplanting, with more branch meristems observed. Scale bar, 100 μ m. (G) In situ hybridization using an antisense probe for *OSHI* in NIL-*GNPI*^{TQ} reproductive meristems at the same stage as that in (E). (H) In situ hybridization using a sense probe for *GNPI* at early stages. Scale bar, 100 μ m. (I) In situ hybridization using a sense probe for *OSHI* at early stages. Scale bar, 100 μ m.