



**Appendix E.** Expression levels of the target gene detected in transgenic lines with *TaSOD2* knockdown expression

WT, wild type; AntiSOD2-1 to AntiSOD2-5, transgenic lines with *TaSOD2* knockdown expression. Data are shown by average from triplicate results plus standard error. Expression values of target gene were normalized by *Tatubulin*, a constitutive gene in *T. aestivum* species whose expression level was set as 1.