



Figure S14. Relationship between disease index and expression levels of *At3g57720*. No linear or non-linear relationship between disease index and relative gene expression of *At3g57720* was detected. 1) linear model (disease \sim intercept + a *expression): intercept = 0.336 ($P = 0.0525$), $a = 0.661$ ($P = 0.1398$). 2) exponential function (disease $\sim Ae^{-k \text{expression}}$): $A = 0.388$ ($P = 0.0017$), $k = -1.069$ ($P = 0.1529$). 3) logarithmic function (disease $\sim b \cdot \log(\text{expression}) + c$): $b = -0.242$ ($P = 0.0990$), $c = -0.836$ ($P = 1.95 \times 10^{-6}$).