Data Description

Content: Figure 5 - Expression of genes related to trehalose metabolic pathway in *Caenorhabditis elegans* treated with different landfill leachates.

Factors: Exposure conditions

Quantity: Data divided into four groups - CK, RAW, MBR, NFRO, with three replicates every group, each sample is tested for internal reference gene *ACT-1* and detection genes

Usage: The CT data obtained from qRT-PCR was analyzed using the 2-△△CT method. The specific calculation formula for 2-△△CT is as follows:

2-△△CT=2- [(CT experimental group CT- experimental act-1) - (CT control group - CT control act-1)]

Control refers to CK group; experimental refers to experimental groups including MBR, NFRO and RAW group.