

pool creation protocol

Quantification

The concentration of each DNA sample was measured by Bioanalyzer 2100 with Agilent DNA 1000 Kit (Agilent) following manufacturer's protocol.

(http://www.agilent.com/cs/library/usermanuals/Public/G2938-90014_DNA1000Assay_KG.pdf)

At the same time, SYBR qPCRs were performed with each DNA sample for quantification.

(<http://www.gene-quantification.com/real-time-pcr-guide-bio-rad.pdf>)

Pooling

After the quantification of DNA, same amount of DNA from 5 different tissues which were collected from 3 different animals were pooled according to the tissue type.