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From molecules to monitoring: integrating genetic tools into freshwater quality assessments

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AACTTTATATTCACTTTGGTATTGATCTGGTATAGTT
GGAACATCATTAAAGATGATTAATTGAAATTAGGAC
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FROM MOLECULES TO MONITORING

Integrating genetic tools into
freshwater quality assessments



Kevin K. Beentjes



The influence of macroinvertebrate abundance on the assessment of freshwater quality in the Netherlands

Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting

The effects of spatial and temporal replicate sampling on eDNA metabarcoding

Environmental DNA metabarcoding reveals comparable responses to agricultural stressors on different trophic levels of a freshwater community