# Quick Guide for ddpcRquant analysis

1. Exporting amplitudefiles from Quantasoft
   - Open the ddpcr main file in quantasoft: .qlp
   - Select the desired samples
   - Select options > export cluster and amplitude data
   - Press export

   - Make sure PC settings for a Decimal sign are set to a " . "

2. Upload the headfile and amplitudefiles to ddpcrquant
   - Plate annotation available: use the headfile (.csv)
   - No plate annotation available: add annotation after run
     - Change the headfile with notepad or other text based program (no excel)
     - Use the headfile template qx200/qx100 (excel)
   - Browse to http://www.ddpcrquant.ugent.be and click on the webtool link
     - Make sure your headfile is uploaded as the first file
     - Sort the folder based on name to get the headfile above the amplitudefiles

3. Go through the ddpcRquant workflow and download your data
   - Select your options in the NTC threshold analysis tab
     - Select Assay
     - Template volume and total mix volume: concentration calculations with dilution factor
       - Set both to 20 µL (= dilution factor of 1) for concentration without dilution factor
     - Select threshold CI or give manual threshold
   - For each new dataset reset the analysis

4. Please cite ddpcRquant in your research articles!
   Trypsteen et al. ddpcRquant: threshold determination for single channel droplet digital PCR experiments. Anal Bioanal Chem (2015) 407:5827–5834. PMID: 26022094