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How do I adjust the Coffalyser sheet for SALSA (MS-)MLPA Probemix P200 Reference-1?

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SALSA MLPA Probemix P200 Reference-1 contains thoroughly tested reference probes and control fragments to which you can add your own synthetic (MS-)MLPA probes. Most SALSA® MLPA® probemixes have a benchmark fragment at 92 nt, which is used for the normalisation of several quality control fragments. This fragment has been left out of the P200 probemix in order to leave as much room for synthetic probes as possible. The median signal of all reference probes in the probemix can be used as a substitute for the 92 nt benchmark fragment by Coffalyser.Net. Due to technical limitations, this requires manual adjustment of the Coffalyser sheet.

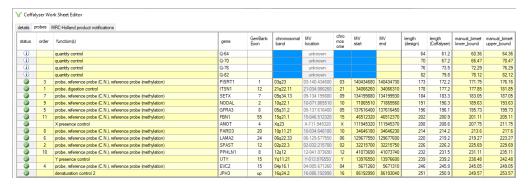
Warning

The adjustments to the Coffalyser sheet described here are specific for the P200 probemix and should *not* be applied to any other probemix. SALSA MLPA Probemix P300 Reference-2 also does not require adjustments to probe functions in the Coffalyser sheet as it does have the 92 nt benchmark fragment. The use of the P300 probemix is recommended unless the extra room for synthetic probes offered by the P200 probemix is required.

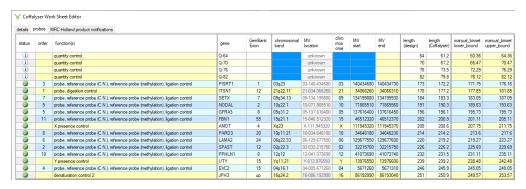
Required adjustments to the Coffalyser sheet

The probe functions of all reference probes should be changed to also include the ligation control function, which is the name used in Coffalyser.Net for the benchmark fragment. This can be done as follows:

- Open the sheet library in Coffalyser.Net.
- Either right-click an existing analysis sheet and choose Open, or create a new sheet by right-clicking on an empty area and choosing Add. <u>More details about adding</u> <u>Coffalyser sheets</u>.
- The Coffalyser Work Sheet Editor should open. Navigate to the probes tab. You should see something similar to the screenshot below. Details may differ between versions and lots.



- Double-click on each probe with probe, reference probe (C.N.), reference probe (methylation) in the function(s) column to display a dropdown menu. Add the ligation control function to these probes. Do *not* remove any existing probe functions.
- Some older, existing sheets may have the probe function defined for the X presence control probe, the Y presence control probe and the denaturation control 2 probe. If you use an existing sheet and this is the case, remove the probe function from these probes (but leave the other functions). This avoids unnecessary variability warnings, e.g. when analysing samples from different genders.
- When done, the values in the function(s) column should resemble the screenshot below.



- Optionally proceed to add your custom synthetic probes to the analysis sheet as described in the Reference Manual.
- Click OK to save the adjustments.

More information

- More information about adding, modifying and removing probes can be found in the <u>Reference Manual</u>.
- For additional assistance, you can <u>contact us</u>. Please note that we no longer offer any support on the design of synthetic probes.

Tags
Coffalyser.Net
MLPA
MS-MLPA

Related Content

• How do I add sheets to the sheet library in Coffalyser.Net?

Disclaimer

The information provided in this material is correct for the majority of our products. For certain applications, the instructions for use may differ. In the event of conflicting information, the relevant instructions for use take precedence.