

**To:** [5.1.2e] [5.1.2e]@rivm.nl]  
**From:** [5.1.2e]  
**Sent:** Wed 9/30/2020 9:09:16 AM  
**Subject:** RE: FFX data: columns and COVID19 but PCR- donors in the data  
**Received:** Wed 9/30/2020 9:09:16 AM  
[FFX deelnemers lijst identificatie index.xlsx](#)

See below in red.

[5.1.2e]

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**From:** [5.1.2e] <[5.1.2e]@rivm.nl>  
**Sent:** maandag 28 september 2020 08:53  
**To:** [5.1.2e] <[5.1.2e]@rivm.nl>  
**Subject:** FFX data: columns and COVID19 but PCR- donors in the data

Hi [5.1.2e]

I started working on the FFX trucount analysis. I will present this data next week on Wednesday so I would appreciate it if you could briefly help me with some questions regarding the excel sheet you sent me.

I remember when I was doing the analysis before there were cases that are PCR- at the given time but it was known that they were corona+ in their initial test. How can I identify those in the datasheet? I can imagine some of those could be negative for corona antibodies as well. **They are the index cases. I added a list to this message with in column D whether a participant is the index case or not.**

Could you also tell me what do MIA columns and VNT90 mean please? VNT90 is neutralization data I guess but is it against SARS-CoV-2?

**MIA column in first sheet are the SARS-CoV-2 MIA data against S, N, S1 etc, VNT90 is indeed virus neutralization against SARS-CoV-2.**

**The MIA sheet also contains data on antibodies against other corona virusses**

I will let you keep you updated with the analysis! Many thanks!

Best,

[5.1.2e]