

**Figure S1:** Boxplot showing the distribution of the number of reads per amplicon in each multiplex PCR reaction, for control and patient pools. The observed read count is uniformly distributed across the different amplicon pools (with an average of 1362 reads/amplicon), except for multiplex reaction 12. °: outliers (values between 1.5 and 3x the interquartile range from either end of the box) \*: extreme outliers (values more than 3x the interquartile range from either end of the box)

