


To: [redacted] [redacted] [redacted]@rivm.nl; [redacted] [redacted] [redacted]@rivm.nl
Cc: [redacted] [redacted] [redacted]@rivm.nl; [redacted] [redacted] [redacted]@biologie.com
From: [redacted] [redacted] 'e'
Sent: Thur 1/21/2021 12:03:09 PM
Subject: RE: RCPCR
Received: Thur 1/21/2021 12:04:41 PM

Beste [redacted]

Zie beneden de tabel met de primer begin- en eind-posities. Alle deleties die je beschrijft vallen (als ik even snel kijk, misschien kun je me even dubbelchecken?) buiten onze primers, dus dit zou geen probleem moeten geven.

Hebben jullie de 5 kits intussen al ontvangen, en mag ik vragen wanneer de eerste test wordt ingezet?

[redacted]

p.s. zou je de bedfile niet willen delen met derden ?

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|------------|------|------|--------------------|---|
| MN908947.3 | 31 | 54 | nCoV-2019_1_LEFT | + |
| MN908947.3 | 264 | 286 | nCoV-2019_1_RIGHT | - |
| MN908947.3 | 233 | 255 | nCoV-2019_2_LEFT | + |
| MN908947.3 | 484 | 506 | nCoV-2019_2_RIGHT | - |
| MN908947.3 | 445 | 467 | nCoV-2019_3_LEFT | + |
| MN908947.3 | 653 | 675 | nCoV-2019_3_RIGHT | - |
| MN908947.3 | 595 | 617 | nCoV-2019_4_LEFT | + |
| MN908947.3 | 842 | 865 | nCoV-2019_4_RIGHT | - |
| MN908947.3 | 799 | 821 | nCoV-2019_5_LEFT | + |
| MN908947.3 | 1054 | 1078 | nCoV-2019_5_RIGHT | - |
| MN908947.3 | 1005 | 1028 | nCoV-2019_6_LEFT | + |
| MN908947.3 | 1248 | 1270 | nCoV-2019_6_RIGHT | - |
| MN908947.3 | 1199 | 1224 | nCoV-2019_7_LEFT | + |
| MN908947.3 | 1452 | 1474 | nCoV-2019_7_RIGHT | - |
| MN908947.3 | 1417 | 1444 | nCoV-2019_8_LEFT | + |
| MN908947.3 | 1658 | 1688 | nCoV-2019_8_RIGHT | - |
| MN908947.3 | 1574 | 1597 | nCoV-2019_9_LEFT | + |
| MN908947.3 | 1819 | 1844 | nCoV-2019_9_RIGHT | - |
| MN908947.3 | 1719 | 1745 | nCoV-2019_10_LEFT | + |
| MN908947.3 | 1953 | 1981 | nCoV-2019_10_RIGHT | - |
| MN908947.3 | 1910 | 1932 | nCoV-2019_11_LEFT | + |

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|------------|------|------|--------------------|---|
| MN908947.3 | 2134 | 2157 | nCoV-2019_11_RIGHT | - |
| MN908947.3 | 2083 | 2107 | nCoV-2019_12_LEFT | + |
| MN908947.3 | 2349 | 2376 | nCoV-2019_12_RIGHT | - |
| MN908947.3 | 2257 | 2283 | nCoV-2019_13_LEFT | + |
| MN908947.3 | 2522 | 2549 | nCoV-2019_13_RIGHT | - |
| MN908947.3 | 2447 | 2472 | nCoV-2019_14_LEFT | + |
| MN908947.3 | 2710 | 2734 | nCoV-2019_14_RIGHT | - |
| MN908947.3 | 2624 | 2651 | nCoV-2019_15_LEFT | + |
| MN908947.3 | 2880 | 2904 | nCoV-2019_15_RIGHT | - |
| MN908947.3 | 2834 | 2860 | nCoV-2019_16_LEFT | + |
| MN908947.3 | 3044 | 3073 | nCoV-2019_16_RIGHT | - |
| MN908947.3 | 2994 | 3021 | nCoV-2019_17_LEFT | + |
| MN908947.3 | 3229 | 3253 | nCoV-2019_17_RIGHT | - |
| MN908947.3 | 3151 | 3175 | nCoV-2019_18_LEFT | + |
| MN908947.3 | 3391 | 3420 | nCoV-2019_18_RIGHT | - |
| MN908947.3 | 3304 | 3331 | nCoV-2019_19_LEFT | + |
| MN908947.3 | 3561 | 3586 | nCoV-2019_19_RIGHT | - |
| MN908947.3 | 3496 | 3522 | nCoV-2019_20_LEFT | + |
| MN908947.3 | 3757 | 3785 | nCoV-2019_20_RIGHT | - |
| MN908947.3 | 3713 | 3738 | nCoV-2019_21_LEFT | + |
| MN908947.3 | 3968 | 3996 | nCoV-2019_21_RIGHT | - |
| MN908947.3 | 3865 | 3893 | nCoV-2019_22_LEFT | + |
| MN908947.3 | 4132 | 4159 | nCoV-2019_22_RIGHT | - |
| MN908947.3 | 4047 | 4072 | nCoV-2019_23_LEFT | + |
| MN908947.3 | 4278 | 4301 | nCoV-2019_23_RIGHT | - |
| MN908947.3 | 4252 | 4276 | nCoV-2019_24_LEFT | + |
| MN908947.3 | 4501 | 4525 | nCoV-2019_24_RIGHT | - |
| MN908947.3 | 4431 | 4457 | nCoV-2019_25_LEFT | + |
| MN908947.3 | 4669 | 4695 | nCoV-2019_25_RIGHT | - |

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|------------|------|------|--------------------|---|
| MN908947.3 | 4630 | 4656 | nCoV-2019_26_LEFT | + |
| MN908947.3 | 4875 | 4902 | nCoV-2019_26_RIGHT | - |
| MN908947.3 | 4783 | 4811 | nCoV-2019_27_LEFT | + |
| MN908947.3 | 5028 | 5055 | nCoV-2019_27_RIGHT | - |
| MN908947.3 | 4982 | 5010 | nCoV-2019_28_LEFT | + |
| MN908947.3 | 5193 | 5222 | nCoV-2019_28_RIGHT | - |
| MN908947.3 | 5146 | 5172 | nCoV-2019_29_LEFT | + |
| MN908947.3 | 5377 | 5402 | nCoV-2019_29_RIGHT | - |
| MN908947.3 | 5339 | 5368 | nCoV-2019_30_LEFT | + |
| MN908947.3 | 5609 | 5635 | nCoV-2019_30_RIGHT | - |
| MN908947.3 | 5525 | 5549 | nCoV-2019_31_LEFT | + |
| MN908947.3 | 5789 | 5818 | nCoV-2019_31_RIGHT | - |
| MN908947.3 | 5671 | 5697 | nCoV-2019_32_LEFT | + |
| MN908947.3 | 5917 | 5946 | nCoV-2019_32_RIGHT | - |
| MN908947.3 | 5830 | 5859 | nCoV-2019_33_LEFT | + |
| MN908947.3 | 6101 | 6129 | nCoV-2019_33_RIGHT | - |
| MN908947.3 | 6015 | 6041 | nCoV-2019_34_LEFT | + |
| MN908947.3 | 6279 | 6308 | nCoV-2019_34_RIGHT | - |
| MN908947.3 | 6229 | 6257 | nCoV-2019_35_LEFT | + |
| MN908947.3 | 6427 | 6455 | nCoV-2019_35_RIGHT | - |
| MN908947.3 | 6382 | 6407 | nCoV-2019_36_LEFT | + |
| MN908947.3 | 6646 | 6671 | nCoV-2019_36_RIGHT | - |
| MN908947.3 | 6618 | 6643 | nCoV-2019_37_LEFT | + |
| MN908947.3 | 6878 | 6904 | nCoV-2019_37_RIGHT | - |
| MN908947.3 | 6846 | 6874 | nCoV-2019_38_LEFT | + |
| MN908947.3 | 7090 | 7117 | nCoV-2019_38_RIGHT | - |
| MN908947.3 | 7036 | 7060 | nCoV-2019_39_LEFT | + |
| MN908947.3 | 7304 | 7332 | nCoV-2019_39_RIGHT | - |
| MN908947.3 | 7272 | 7300 | nCoV-2019_40_LEFT | + |

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|------------|-------|-------|--------------------|---|
| MN908947.3 | 7503 | 7530 | nCoV-2019_40_RIGHT | - |
| MN908947.3 | 7451 | 7477 | nCoV-2019_41_LEFT | + |
| MN908947.3 | 7711 | 7737 | nCoV-2019_41_RIGHT | - |
| MN908947.3 | 7669 | 7694 | nCoV-2019_42_LEFT | + |
| MN908947.3 | 7915 | 7941 | nCoV-2019_42_RIGHT | - |
| MN908947.3 | 7839 | 7867 | nCoV-2019_43_LEFT | + |
| MN908947.3 | 8102 | 8125 | nCoV-2019_43_RIGHT | - |
| MN908947.3 | 8073 | 8100 | nCoV-2019_44_LEFT | + |
| MN908947.3 | 8309 | 8333 | nCoV-2019_44_RIGHT | - |
| MN908947.3 | 8261 | 8290 | nCoV-2019_45_LEFT | + |
| MN908947.3 | 8521 | 8550 | nCoV-2019_45_RIGHT | - |
| MN908947.3 | 8440 | 8464 | nCoV-2019_46_LEFT | + |
| MN908947.3 | 8712 | 8736 | nCoV-2019_46_RIGHT | - |
| MN908947.3 | 8686 | 8710 | nCoV-2019_47_LEFT | + |
| MN908947.3 | 8920 | 8948 | nCoV-2019_47_RIGHT | - |
| MN908947.3 | 8845 | 8869 | nCoV-2019_48_LEFT | + |
| MN908947.3 | 9100 | 9124 | nCoV-2019_48_RIGHT | - |
| MN908947.3 | 9071 | 9097 | nCoV-2019_49_LEFT | + |
| MN908947.3 | 9307 | 9333 | nCoV-2019_49_RIGHT | - |
| MN908947.3 | 9263 | 9291 | nCoV-2019_50_LEFT | + |
| MN908947.3 | 9525 | 9553 | nCoV-2019_50_RIGHT | - |
| MN908947.3 | 9479 | 9503 | nCoV-2019_51_LEFT | + |
| MN908947.3 | 9754 | 9778 | nCoV-2019_51_RIGHT | - |
| MN908947.3 | 9710 | 9739 | nCoV-2019_52_LEFT | + |
| MN908947.3 | 9950 | 9975 | nCoV-2019_52_RIGHT | - |
| MN908947.3 | 9902 | 9930 | nCoV-2019_53_LEFT | + |
| MN908947.3 | 10137 | 10161 | nCoV-2019_53_RIGHT | - |
| MN908947.3 | 10071 | 10097 | nCoV-2019_54_LEFT | + |
| MN908947.3 | 10331 | 10355 | nCoV-2019_54_RIGHT | - |

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|------------|-------|-------|--------------------|---|
| MN908947.3 | 10258 | 10284 | nCoV-2019_55_LEFT | + |
| MN908947.3 | 10516 | 10545 | nCoV-2019_55_RIGHT | - |
| MN908947.3 | 10424 | 10451 | nCoV-2019_56_LEFT | + |
| MN908947.3 | 10696 | 10720 | nCoV-2019_56_RIGHT | - |
| MN908947.3 | 10627 | 10651 | nCoV-2019_57_LEFT | + |
| MN908947.3 | 10886 | 10910 | nCoV-2019_57_RIGHT | - |
| MN908947.3 | 10817 | 10842 | nCoV-2019_58_LEFT | + |
| MN908947.3 | 11089 | 11116 | nCoV-2019_58_RIGHT | - |
| MN908947.3 | 11047 | 11072 | nCoV-2019_59_LEFT | + |
| MN908947.3 | 11305 | 11331 | nCoV-2019_59_RIGHT | - |
| MN908947.3 | 11240 | 11264 | nCoV-2019_60_LEFT | + |
| MN908947.3 | 11512 | 11536 | nCoV-2019_60_RIGHT | - |
| MN908947.3 | 11372 | 11396 | nCoV-2019_61_LEFT | + |
| MN908947.3 | 11645 | 11671 | nCoV-2019_61_RIGHT | - |
| MN908947.3 | 11526 | 11553 | nCoV-2019_62_LEFT | + |
| MN908947.3 | 11795 | 11817 | nCoV-2019_62_RIGHT | - |
| MN908947.3 | 11744 | 11768 | nCoV-2019_63_LEFT | + |
| MN908947.3 | 12012 | 12036 | nCoV-2019_63_RIGHT | - |
| MN908947.3 | 11959 | 11987 | nCoV-2019_64_LEFT | + |
| MN908947.3 | 12232 | 12257 | nCoV-2019_64_RIGHT | - |
| MN908947.3 | 12160 | 12184 | nCoV-2019_65_LEFT | + |
| MN908947.3 | 12418 | 12443 | nCoV-2019_65_RIGHT | - |
| MN908947.3 | 12381 | 12407 | nCoV-2019_66_LEFT | + |
| MN908947.3 | 12652 | 12677 | nCoV-2019_66_RIGHT | - |
| MN908947.3 | 12612 | 12639 | nCoV-2019_67_LEFT | + |
| MN908947.3 | 12843 | 12868 | nCoV-2019_67_RIGHT | - |
| MN908947.3 | 12780 | 12804 | nCoV-2019_68_LEFT | + |
| MN908947.3 | 13041 | 13065 | nCoV-2019_68_RIGHT | - |
| MN908947.3 | 13003 | 13027 | nCoV-2019_69_LEFT | + |

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|------------|-------|-------|--------------------|---|
| MN908947.3 | 13241 | 13265 | nCoV-2019_69_RIGHT | - |
| MN908947.3 | 13196 | 13221 | nCoV-2019_70_LEFT | + |
| MN908947.3 | 13465 | 13489 | nCoV-2019_70_RIGHT | - |
| MN908947.3 | 13416 | 13440 | nCoV-2019_71_LEFT | + |
| MN908947.3 | 13661 | 13688 | nCoV-2019_71_RIGHT | - |
| MN908947.3 | 13597 | 13622 | nCoV-2019_72_LEFT | + |
| MN908947.3 | 13812 | 13838 | nCoV-2019_72_RIGHT | - |
| MN908947.3 | 13753 | 13778 | nCoV-2019_73_LEFT | + |
| MN908947.3 | 14016 | 14040 | nCoV-2019_73_RIGHT | - |
| MN908947.3 | 13965 | 13989 | nCoV-2019_74_LEFT | + |
| MN908947.3 | 14203 | 14230 | nCoV-2019_74_RIGHT | - |
| MN908947.3 | 14177 | 14201 | nCoV-2019_75_LEFT | + |
| MN908947.3 | 14410 | 14436 | nCoV-2019_75_RIGHT | - |
| MN908947.3 | 14308 | 14336 | nCoV-2019_76_LEFT | + |
| MN908947.3 | 14560 | 14584 | nCoV-2019_76_RIGHT | - |
| MN908947.3 | 14477 | 14501 | nCoV-2019_77_LEFT | + |
| MN908947.3 | 14751 | 14776 | nCoV-2019_77_RIGHT | - |
| MN908947.3 | 14700 | 14725 | nCoV-2019_78_LEFT | + |
| MN908947.3 | 14966 | 14995 | nCoV-2019_78_RIGHT | - |
| MN908947.3 | 14907 | 14933 | nCoV-2019_79_LEFT | + |
| MN908947.3 | 15175 | 15199 | nCoV-2019_79_RIGHT | - |
| MN908947.3 | 15106 | 15130 | nCoV-2019_80_LEFT | + |
| MN908947.3 | 15369 | 15393 | nCoV-2019_80_RIGHT | - |
| MN908947.3 | 15337 | 15361 | nCoV-2019_81_LEFT | + |
| MN908947.3 | 15578 | 15604 | nCoV-2019_81_RIGHT | - |
| MN908947.3 | 15528 | 15552 | nCoV-2019_82_LEFT | + |
| MN908947.3 | 15750 | 15775 | nCoV-2019_82_RIGHT | - |
| MN908947.3 | 15711 | 15735 | nCoV-2019_83_LEFT | + |
| MN908947.3 | 15941 | 15965 | nCoV-2019_83_RIGHT | - |

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|------------|-------|-------|--------------------|---|
| MN908947.3 | 15903 | 15929 | nCoV-2019_84_LEFT | + |
| MN908947.3 | 16172 | 16196 | nCoV-2019_84_RIGHT | - |
| MN908947.3 | 16108 | 16134 | nCoV-2019_85_LEFT | + |
| MN908947.3 | 16374 | 16398 | nCoV-2019_85_RIGHT | - |
| MN908947.3 | 16315 | 16339 | nCoV-2019_86_LEFT | + |
| MN908947.3 | 16567 | 16592 | nCoV-2019_86_RIGHT | - |
| MN908947.3 | 16463 | 16489 | nCoV-2019_87_LEFT | + |
| MN908947.3 | 16735 | 16759 | nCoV-2019_87_RIGHT | - |
| MN908947.3 | 16693 | 16717 | nCoV-2019_88_LEFT | + |
| MN908947.3 | 16946 | 16970 | nCoV-2019_88_RIGHT | - |
| MN908947.3 | 16913 | 16937 | nCoV-2019_89_LEFT | + |
| MN908947.3 | 17158 | 17182 | nCoV-2019_89_RIGHT | - |
| MN908947.3 | 17121 | 17146 | nCoV-2019_90_LEFT | + |
| MN908947.3 | 17391 | 17415 | nCoV-2019_90_RIGHT | - |
| MN908947.3 | 17320 | 17343 | nCoV-2019_91_LEFT | + |
| MN908947.3 | 17554 | 17577 | nCoV-2019_91_RIGHT | - |
| MN908947.3 | 17527 | 17552 | nCoV-2019_92_LEFT | + |
| MN908947.3 | 17793 | 17817 | nCoV-2019_92_RIGHT | - |
| MN908947.3 | 17675 | 17699 | nCoV-2019_93_LEFT | + |
| MN908947.3 | 17926 | 17950 | nCoV-2019_93_RIGHT | - |
| MN908947.3 | 17875 | 17899 | nCoV-2019_94_LEFT | + |
| MN908947.3 | 18147 | 18172 | nCoV-2019_94_RIGHT | - |
| MN908947.3 | 18097 | 18121 | nCoV-2019_95_LEFT | + |
| MN908947.3 | 18360 | 18388 | nCoV-2019_95_RIGHT | - |
| MN908947.3 | 18306 | 18330 | nCoV-2019_96_LEFT | + |
| MN908947.3 | 18581 | 18605 | nCoV-2019_96_RIGHT | - |
| MN908947.3 | 18504 | 18528 | nCoV-2019_97_LEFT | + |
| MN908947.3 | 18771 | 18797 | nCoV-2019_97_RIGHT | - |
| MN908947.3 | 18676 | 18700 | nCoV-2019_98_LEFT | + |

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|------------|-------|-------|---------------------|---|
| MN908947.3 | 18937 | 18963 | nCoV-2019_98_RIGHT | - |
| MN908947.3 | 18879 | 18903 | nCoV-2019_99_LEFT | + |
| MN908947.3 | 19149 | 19173 | nCoV-2019_99_RIGHT | - |
| MN908947.3 | 19092 | 19116 | nCoV-2019_100_LEFT | + |
| MN908947.3 | 19307 | 19331 | nCoV-2019_100_RIGHT | - |
| MN908947.3 | 19272 | 19296 | nCoV-2019_101_LEFT | + |
| MN908947.3 | 19535 | 19560 | nCoV-2019_101_RIGHT | - |
| MN908947.3 | 19500 | 19529 | nCoV-2019_102_LEFT | + |
| MN908947.3 | 19767 | 19796 | nCoV-2019_102_RIGHT | - |
| MN908947.3 | 19664 | 19691 | nCoV-2019_103_LEFT | + |
| MN908947.3 | 19931 | 19956 | nCoV-2019_103_RIGHT | - |
| MN908947.3 | 19876 | 19901 | nCoV-2019_104_LEFT | + |
| MN908947.3 | 20125 | 20149 | nCoV-2019_104_RIGHT | - |
| MN908947.3 | 20082 | 20106 | nCoV-2019_105_LEFT | + |
| MN908947.3 | 20355 | 20381 | nCoV-2019_105_RIGHT | - |
| MN908947.3 | 20233 | 20259 | nCoV-2019_106_LEFT | + |
| MN908947.3 | 20460 | 20484 | nCoV-2019_106_RIGHT | - |
| MN908947.3 | 20376 | 20405 | nCoV-2019_107_LEFT | + |
| MN908947.3 | 20651 | 20675 | nCoV-2019_107_RIGHT | - |
| MN908947.3 | 20614 | 20640 | nCoV-2019_108_LEFT | + |
| MN908947.3 | 20885 | 20909 | nCoV-2019_108_RIGHT | - |
| MN908947.3 | 20853 | 20881 | nCoV-2019_109_LEFT | + |
| MN908947.3 | 21128 | 21152 | nCoV-2019_109_RIGHT | - |
| MN908947.3 | 21030 | 21059 | nCoV-2019_110_LEFT | + |
| MN908947.3 | 21295 | 21321 | nCoV-2019_110_RIGHT | - |
| MN908947.3 | 21244 | 21267 | nCoV-2019_111_LEFT | + |
| MN908947.3 | 21364 | 21392 | nCoV-2019_111_RIGHT | - |
| MN908947.3 | 21305 | 21331 | nCoV-2019_112_LEFT | + |
| MN908947.3 | 21575 | 21604 | nCoV-2019_112_RIGHT | - |

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|------------|-------|-------|---------------------|---|
| MN908947.3 | 21423 | 21452 | nCoV-2019_113_LEFT | + |
| MN908947.3 | 21675 | 21700 | nCoV-2019_113_RIGHT | - |
| MN908947.3 | 21617 | 21643 | nCoV-2019_114_LEFT | + |
| MN908947.3 | 21892 | 21916 | nCoV-2019_114_RIGHT | - |
| MN908947.3 | 21824 | 21850 | nCoV-2019_115_LEFT | + |
| MN908947.3 | 22081 | 22105 | nCoV-2019_115_RIGHT | - |
| MN908947.3 | 22013 | 22038 | nCoV-2019_116_LEFT | + |
| MN908947.3 | 22224 | 22252 | nCoV-2019_116_RIGHT | - |
| MN908947.3 | 22198 | 22222 | nCoV-2019_117_LEFT | + |
| MN908947.3 | 22423 | 22447 | nCoV-2019_117_RIGHT | - |
| MN908947.3 | 22340 | 22365 | nCoV-2019_118_LEFT | + |
| MN908947.3 | 22615 | 22639 | nCoV-2019_118_RIGHT | - |
| MN908947.3 | 22568 | 22595 | nCoV-2019_119_LEFT | + |
| MN908947.3 | 22838 | 22862 | nCoV-2019_119_RIGHT | - |
| MN908947.3 | 22780 | 22804 | nCoV-2019_120_LEFT | + |
| MN908947.3 | 22977 | 22998 | nCoV-2019_120_RIGHT | - |
| MN908947.3 | 22852 | 22876 | nCoV-2019_121_LEFT | + |
| MN908947.3 | 23120 | 23144 | nCoV-2019_121_RIGHT | - |
| MN908947.3 | 23048 | 23072 | nCoV-2019_122_LEFT | + |
| MN908947.3 | 23289 | 23313 | nCoV-2019_122_RIGHT | - |
| MN908947.3 | 23257 | 23284 | nCoV-2019_123_LEFT | + |
| MN908947.3 | 23497 | 23521 | nCoV-2019_123_RIGHT | - |
| MN908947.3 | 23407 | 23431 | nCoV-2019_124_LEFT | + |
| MN908947.3 | 23641 | 23665 | nCoV-2019_124_RIGHT | - |
| MN908947.3 | 23591 | 23615 | nCoV-2019_125_LEFT | + |
| MN908947.3 | 23853 | 23877 | nCoV-2019_125_RIGHT | - |
| MN908947.3 | 23789 | 23813 | nCoV-2019_126_LEFT | + |
| MN908947.3 | 24045 | 24069 | nCoV-2019_126_RIGHT | - |
| MN908947.3 | 23986 | 24010 | nCoV-2019_127_LEFT | + |

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|------------|-------|-------|---------------------|---|
| MN908947.3 | 24212 | 24236 | nCoV-2019_127_RIGHT | - |
| MN908947.3 | 24180 | 24205 | nCoV-2019_128_LEFT | + |
| MN908947.3 | 24412 | 24436 | nCoV-2019_128_RIGHT | - |
| MN908947.3 | 24372 | 24396 | nCoV-2019_129_LEFT | + |
| MN908947.3 | 24634 | 24660 | nCoV-2019_129_RIGHT | - |
| MN908947.3 | 24603 | 24627 | nCoV-2019_130_LEFT | + |
| MN908947.3 | 24856 | 24880 | nCoV-2019_130_RIGHT | - |
| MN908947.3 | 24786 | 24810 | nCoV-2019_131_LEFT | + |
| MN908947.3 | 25051 | 25076 | nCoV-2019_131_RIGHT | - |
| MN908947.3 | 24988 | 25014 | nCoV-2019_132_LEFT | + |
| MN908947.3 | 25261 | 25285 | nCoV-2019_132_RIGHT | - |
| MN908947.3 | 25202 | 25230 | nCoV-2019_133_LEFT | + |
| MN908947.3 | 25470 | 25494 | nCoV-2019_133_RIGHT | - |
| MN908947.3 | 25436 | 25461 | nCoV-2019_134_LEFT | + |
| MN908947.3 | 25677 | 25699 | nCoV-2019_134_RIGHT | - |
| MN908947.3 | 25617 | 25642 | nCoV-2019_135_LEFT | + |
| MN908947.3 | 25892 | 25916 | nCoV-2019_135_RIGHT | - |
| MN908947.3 | 25831 | 25857 | nCoV-2019_136_LEFT | + |
| MN908947.3 | 26100 | 26126 | nCoV-2019_136_RIGHT | - |
| MN908947.3 | 26058 | 26083 | nCoV-2019_137_LEFT | + |
| MN908947.3 | 26332 | 26357 | nCoV-2019_137_RIGHT | - |
| MN908947.3 | 26291 | 26318 | nCoV-2019_138_LEFT | + |
| MN908947.3 | 26566 | 26590 | nCoV-2019_138_RIGHT | - |
| MN908947.3 | 26451 | 26476 | nCoV-2019_139_LEFT | + |
| MN908947.3 | 26706 | 26728 | nCoV-2019_139_RIGHT | - |
| MN908947.3 | 26627 | 26651 | nCoV-2019_140_LEFT | + |
| MN908947.3 | 26897 | 26921 | nCoV-2019_140_RIGHT | - |
| MN908947.3 | 26834 | 26858 | nCoV-2019_141_LEFT | + |
| MN908947.3 | 27105 | 27129 | nCoV-2019_141_RIGHT | - |

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|------------|-------|-------|---------------------|---|
| MN908947.3 | 27079 | 27103 | nCoV-2019_142_LEFT | + |
| MN908947.3 | 27350 | 27378 | nCoV-2019_142_RIGHT | - |
| MN908947.3 | 27191 | 27217 | nCoV-2019_143_LEFT | + |
| MN908947.3 | 27452 | 27477 | nCoV-2019_143_RIGHT | - |
| MN908947.3 | 27413 | 27439 | nCoV-2019_144_LEFT | + |
| MN908947.3 | 27684 | 27710 | nCoV-2019_144_RIGHT | - |
| MN908947.3 | 27620 | 27645 | nCoV-2019_145_LEFT | + |
| MN908947.3 | 27875 | 27899 | nCoV-2019_145_RIGHT | - |
| MN908947.3 | 27835 | 27859 | nCoV-2019_146_LEFT | + |
| MN908947.3 | 28071 | 28095 | nCoV-2019_146_RIGHT | - |
| MN908947.3 | 28035 | 28060 | nCoV-2019_147_LEFT | + |
| MN908947.3 | 28285 | 28309 | nCoV-2019_147_RIGHT | - |
| MN908947.3 | 28177 | 28203 | nCoV-2019_148_LEFT | + |
| MN908947.3 | 28435 | 28459 | nCoV-2019_148_RIGHT | - |
| MN908947.3 | 28391 | 28415 | nCoV-2019_149_LEFT | + |
| MN908947.3 | 28666 | 28690 | nCoV-2019_149_RIGHT | - |
| MN908947.3 | 28636 | 28661 | nCoV-2019_150_LEFT | + |
| MN908947.3 | 28897 | 28921 | nCoV-2019_150_RIGHT | - |
| MN908947.3 | 28816 | 28840 | nCoV-2019_151_LEFT | + |
| MN908947.3 | 29091 | 29115 | nCoV-2019_151_RIGHT | - |
| MN908947.3 | 28986 | 29010 | nCoV-2019_152_LEFT | + |
| MN908947.3 | 29253 | 29277 | nCoV-2019_152_RIGHT | - |
| MN908947.3 | 29221 | 29245 | nCoV-2019_153_LEFT | + |
| MN908947.3 | 29493 | 29517 | nCoV-2019_153_RIGHT | - |
| MN908947.3 | 29444 | 29469 | nCoV-2019_154_LEFT | + |
| MN908947.3 | 29714 | 29738 | nCoV-2019_154_RIGHT | - |

Van: 5.1.2e <5.1.2e@rivm.nl>

Verzonden: donderdag 21 januari 2021 11:05

Aan: 5.1.2e 2e <5.1.2e@nimagen.com>; 5.1.2e <5.1.2e@rivm.nl>

CC: 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@biolegio.com>

Onderwerp: RE: RCPCR

Beste 5.1.2e

Ik zou je nog laten weten waar de deleties zitten in de Britse variant en de Zuid-Afrikaanse variant. Ik houd de coördinaten aan zoals de NextClade applicatie die weergeeft. Sommige deleties kunnen schuiven, als aan het begin en eind van de deletie dezelfde nucleotiden zitten. De deletie in spike bij de Zuid-Afrikaanse variant kan zelfs 6 nucleotiden schuiven, ondanks dat valt de Artic protocol forward primer voor dit fragment grotendeels uit.

Hier de coördinaten:

Britse variant 11288-11297, 21766-21772, 21994-21997, 28274

Zuid-Afrikaanse variant 11288-11297, 22287-22296

Groeten 5.1.2e

From: 5.1.2e <5.1.2e@nimagen.com>

Sent: maandag 18 januari 2021 21:40

To: 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>

Cc: 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@biolegio.com>

Subject: RE: RCPCR

Beste 5.1.2e

Bedankt voor jullie e-mail. Misschien is het goed om morgenochtend even een kort overleg via zoom te hebben?

Wij hebben genoeg op voorraad liggen. Op een NextSeq mid output kit kunnen we met onze huidige UDI indexen in totaal 5.1.1c 5.1.1c leveren (5.1.1c well indexplaten), zodat de throughput dan dus 5.1.1c per dag is. We zijn bezig om Dual Index platen te maken zodat op korte termijn de throughput tot 5.1.1c per run op een high output kit.

Enkele vragen van mijn kant:

- Hebben jullie NextSeq Mid Output kits op voorraad voor een eventuele eerste setup?
- Hebben jullie voldoende thermal cyclers (voor 5.1.1c nodig)
- Op welke manier (welke kit) doen jullie de cDNA synthese?

We zouden twee opties kunnen overwegen: Een kleine demo kit runnen bij jullie (5.1.1c) of we doen een complete NextSeq run zodat de werkelijke performance in high throughput kan worden gedemonstreerd. Een kleine demo-kit kunnen we aanbieden voor 5.1.1c Voor een hele NextSeq run zijn 5.1.1c Deze willen wij leveren voor een eerste demo met een flinke korting: 5.1.1c

Als jullie voldoende cDNA hebben, een Mid Output kit voor de NextSeq en 10 PCR blokken beschikbaar, zou ik aanstaande woensdag samen met jullie dit kunnen inzetten. Normaal doet mijn collega 5.1.2e deze demo's maar hij is deze week op ErasmusMC en daarna bij stichting PAMM in Veldhoven voor dezelfde reden.

Zouden we e.e.a. morgenochtend even kunnen bespreken via Zoom? Ik zou om 10 uur kunnen eventueel (om 11 uur heb ik een meeting met het Poolse "RIVM").

Ik zal alvast een uitnodiging sturen zometeen bij voorbaat. Als deze tijd niet schikt laat dan even weten dan kunnen we een ander tijdstip plannen.

Nogmaals bedankt,

5.1.2e
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