

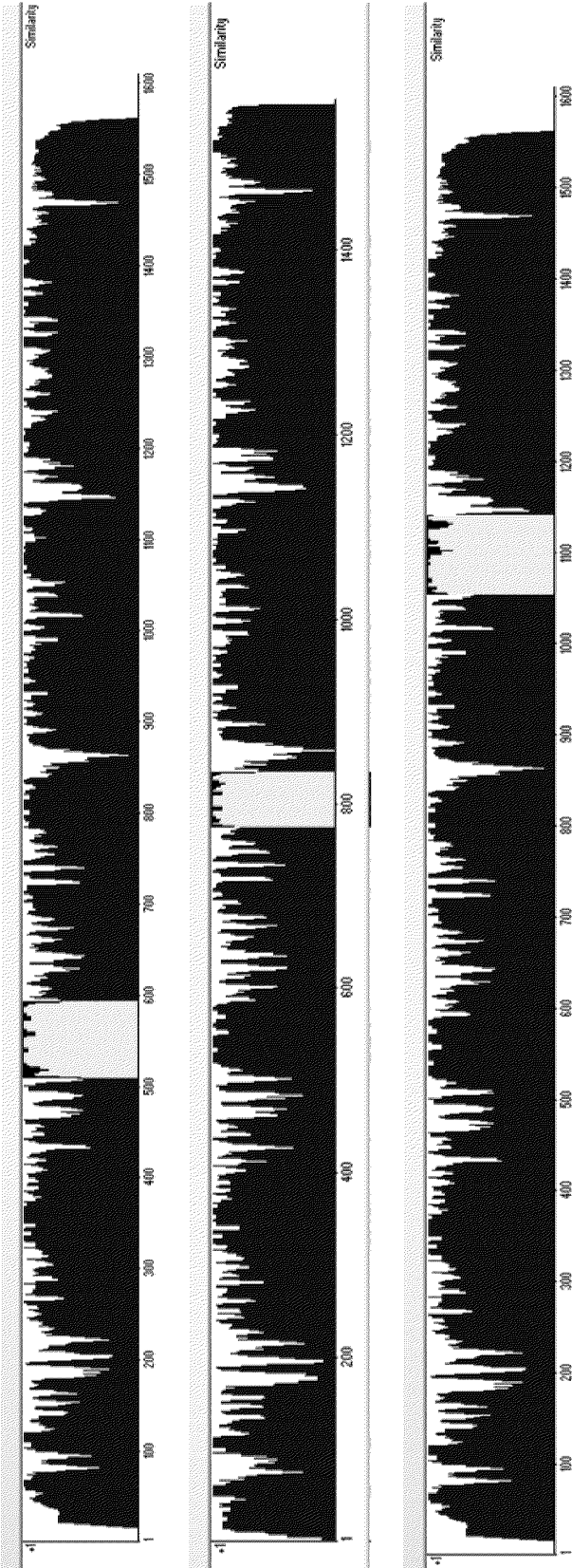


Fig. 1

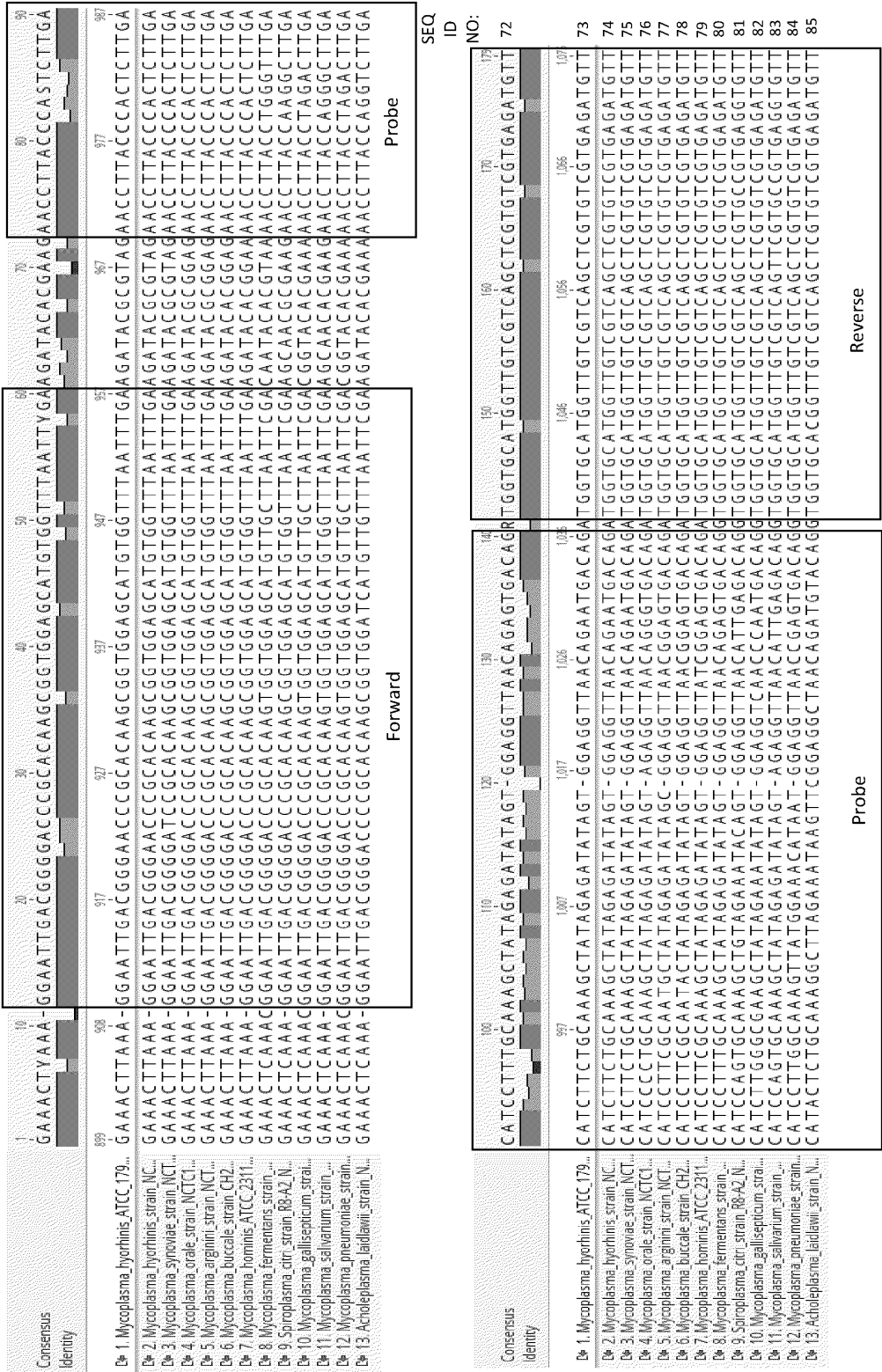


Fig. 2A

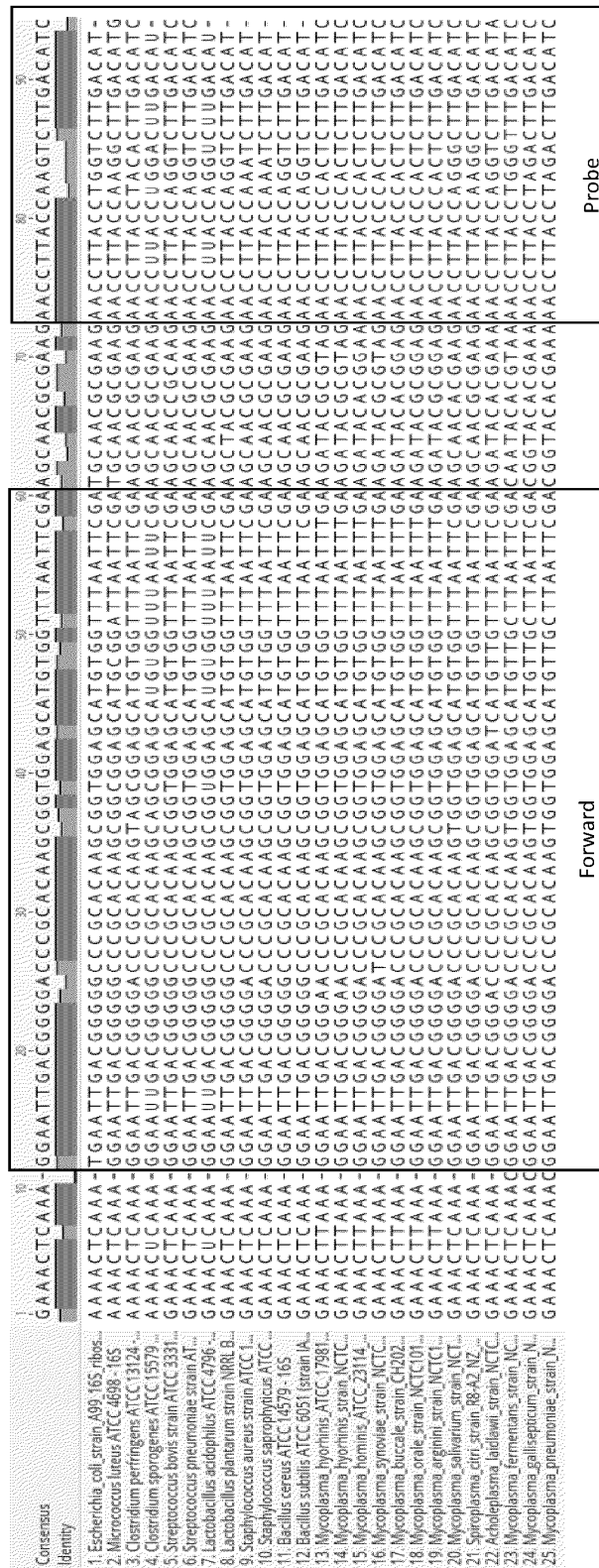


Fig. 2B

Consensus Identity	Probe	Reverse
1. Escherichia coli strain Ag9_165_rbos...	CTTTGCAAGCTATAGATATAG-----TTNGAGGNNACAGAGTGACAGGTTGGTGCCATGGTTGTCGTCAAGTCGTGTCGTGAGATGTT	CCACGGAAGTTTTCAGAGATAGAG-ATGTGCTTCGGGAA-----CCGTGAGACAGGTTGTCGATGGCTGTCTCAGCTCGTTGTGTAATGTT
2. Micrococcus luteus ATCC 4698 - 165	TTCCCGATTGCGCGTAGAGATACGA-TTTCCTCTTTGGGG-----CGGGTTTACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	TTCCCGATTGCGCGTAGAGATACGA-TTTCCTCTTTGGGG-----CGGGTTTACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
3. Clostridium perfringens ATCC 13124 ...	CCTTGCAATTACTCTTAATCGAGGA--AATCCCTTGGGGG-----CAAGGTGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CCTTGCAATTACTCTTAATCGAGGA--AATCCCTTGGGGG-----CAAGGTGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
4. Clostridium sporogenes ATCC 15579 ...	CCUUGCAUAGCCUAGAGAGAGGU-GAAGCCUUCGGGG-----CAAGGAGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CCUUGCAUAGCCUAGAGAGAGGU-GAAGCCUUCGGGG-----CAAGGAGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
5. Streptococcus bovis strain ATCC 3331...	CCGATGCTATTCTTAGAGATAGGG--TTTCTCTTCGGAAC-----ATCGGTGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CCGATGCTATTCTTAGAGATAGGG--TTTCTCTTCGGAAC-----ATCGGTGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
6. Streptococcus pneumoniae strain AT...	CCCTGACCGCTCTAGAGATAGAG--TTTCTCTTCGGGAC-----AGAGGTGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CCCTGACCGCTCTAGAGATAGAG--TTTCTCTTCGGGAC-----AGAGGTGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
7. Lactobacillus acidophilus ATCC 4796 ...	CUAGUCAUCGUAAGAUACGG-AGUCCUUCGGGG-----CACUAGAACAAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CUAGUCAUCGUAAGAUACGG-AGUCCUUCGGGG-----CACUAGAACAAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
8. Lactobacillus plantarum strain MRRL B...	ACTATGCAATCTAAGAGATTAGA-CGTTCCCTTCGGGG-----CATGATACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	ACTATGCAATCTAAGAGATTAGA-CGTTCCCTTCGGGG-----CATGATACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
9. Staphylococcus aureus strain ATCC 1...	CCTTGCAACTCTAGAGATAGAGCCTTCCCTTCGGGG-----ACAAAGTGAACAAGTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CCTTGCAACTCTAGAGATAGAGCCTTCCCTTCGGGG-----ACAAAGTGAACAAGTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
10. Staphylococcus saprophyticus ATCC ...	CCCTGAAACCTTAGAGATAGAGG--TTTCTCTTCGGGG-----CAGAGTGAACAAGTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CCCTGAAACCTTAGAGATAGAGG--TTTCTCTTCGGGG-----CAGAGTGAACAAGTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
11. Bacillus cereus ATCC 14579 - 165	CCCTGCAATCTTAGAGATAGGA-CGTCCCTTCGGGG-----CAGAGTGAACAAGTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CCCTGCAATCTTAGAGATAGGA-CGTCCCTTCGGGG-----CAGAGTGAACAAGTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
13. Mycoplasma hyorhinis ATCC 17981...	TTCTGCAAGCTATAGAGATAG-----T--GGAGGTTAACAGATGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	TTCTGCAAGCTATAGAGATAG-----T--GGAGGTTAACAGATGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
14. Mycoplasma hyorhinis strain NCTC...	TTCTGCAAGCTATAGAGATAG-----T--GGAGGTTAACAGATGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	TTCTGCAAGCTATAGAGATAG-----T--GGAGGTTAACAGATGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
15. Mycoplasma hominis ATCC 23114...	TTCTGCAAGCTATAGAGATAG-----T--GGAGGTTAACAGATGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	TTCTGCAAGCTATAGAGATAG-----T--GGAGGTTAACAGATGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
16. Mycoplasma synoviae strain NCTC...	TTCTGCAAGCTATAGAGATAG-----T--GGAGGTTAACAGATGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	TTCTGCAAGCTATAGAGATAG-----T--GGAGGTTAACAGATGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
17. Mycoplasma buccale strain CH302...	CTTCGCAATACTAGAGATAG-----T--GGAGGTTAACAGATGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CTTCGCAATACTAGAGATAG-----T--GGAGGTTAACAGATGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
18. Mycoplasma orale strain NCTC101...	CCCTGCAAGCTATAGAGATAG-----T--AGAGGTTAACAGGTTGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CCCTGCAAGCTATAGAGATAG-----T--AGAGGTTAACAGGTTGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
19. Mycoplasma arginini strain NCTC1...	CTTCGCAATGCTATAGAGATAG-----C--GGAGGTTAACAGGTTGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CTTCGCAATGCTATAGAGATAG-----C--GGAGGTTAACAGGTTGACAGATGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
20. Mycoplasma salivarium strain NCT...	CAGTGCAAGCTATAGAGATAG-----T--AGAGGTTAACATTGAGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CAGTGCAAGCTATAGAGATAG-----T--AGAGGTTAACATTGAGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
21. Spiroplasma citri strain R6-A2 NZ...	CAGTGCAAGCTATAGAAATACAG-----T--GGAGGTTAACATTGAGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CAGTGCAAGCTATAGAAATACAG-----T--GGAGGTTAACATTGAGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
22. Schlotheimia latilawii strain NCTC...	CTTCGCAAGCTATAGAAATA-AAG-----TTCGAGGCTTAACAGATGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CTTCGCAAGCTATAGAAATA-AAG-----TTCGAGGCTTAACAGATGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
23. Mycoplasma fermentans strain NC...	CTTCGCAAGCTATAGAGATAG-----T--GGAGGTTAACAGATGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CTTCGCAAGCTATAGAGATAG-----T--GGAGGTTAACAGATGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
24. Mycoplasma gallisepticum strain N...	TTGGGCCAAGCTATAGAAATAG-----T--GGAGGTTAACCCCAATGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	TTGGGCCAAGCTATAGAAATAG-----T--GGAGGTTAACCCCAATGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT
25. Mycoplasma pneumoniae strain N...	CTTGCAAGCTTATGGAAACATAA-----T--GGAGGTTAACCCGAGTGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT	CTTGCAAGCTTATGGAAACATAA-----T--GGAGGTTAACCCGAGTGACAGGTTGGTGCAATGGTTGTGTCAGCTCGTGTGTCGAGATGTT

Fig. 2B continued

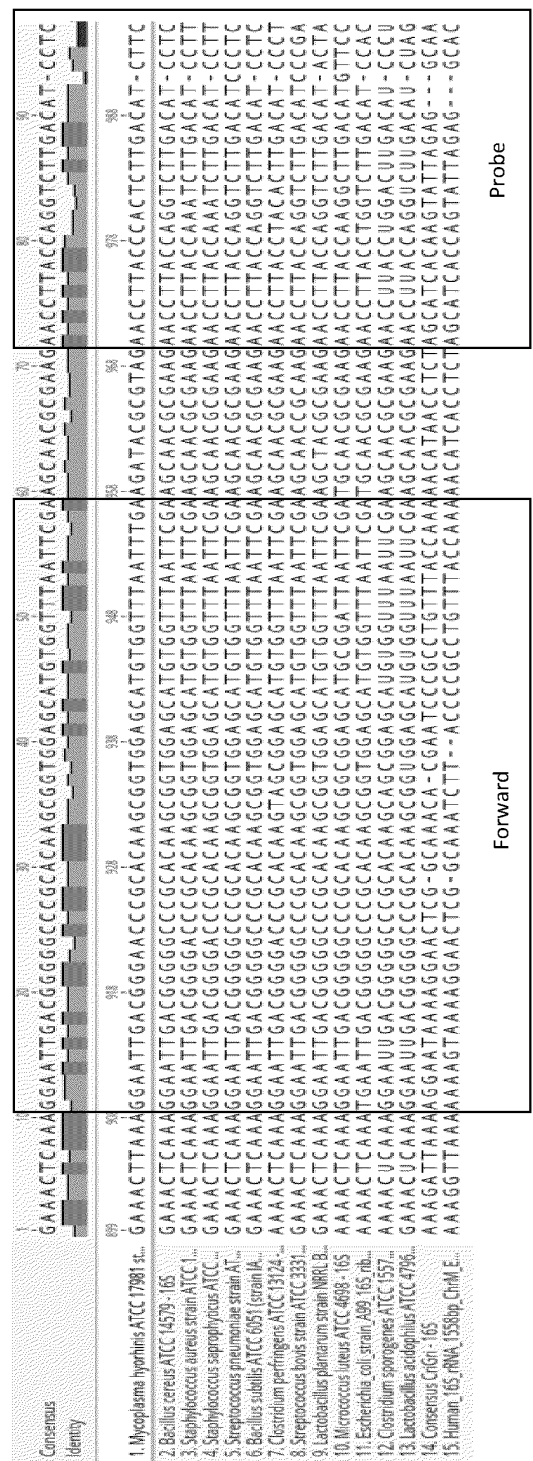


Fig. 2C

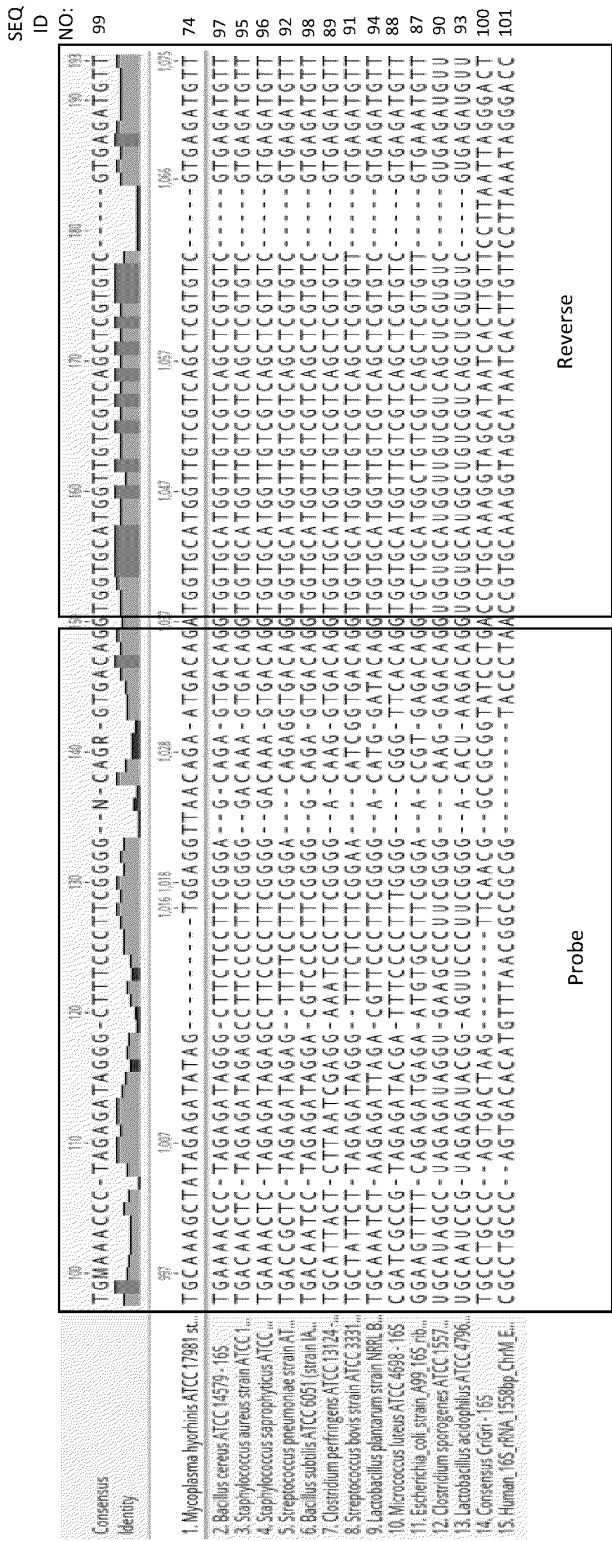


Fig. 2C continued

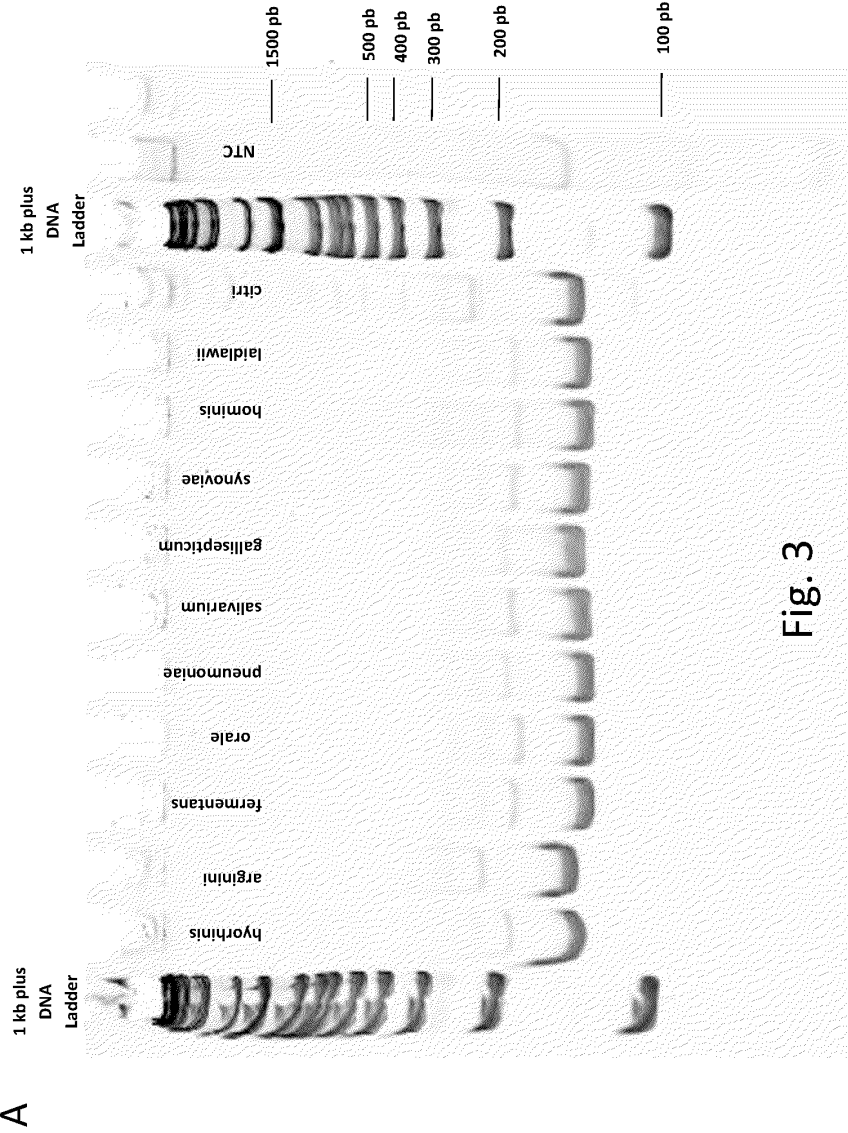


Fig. 3

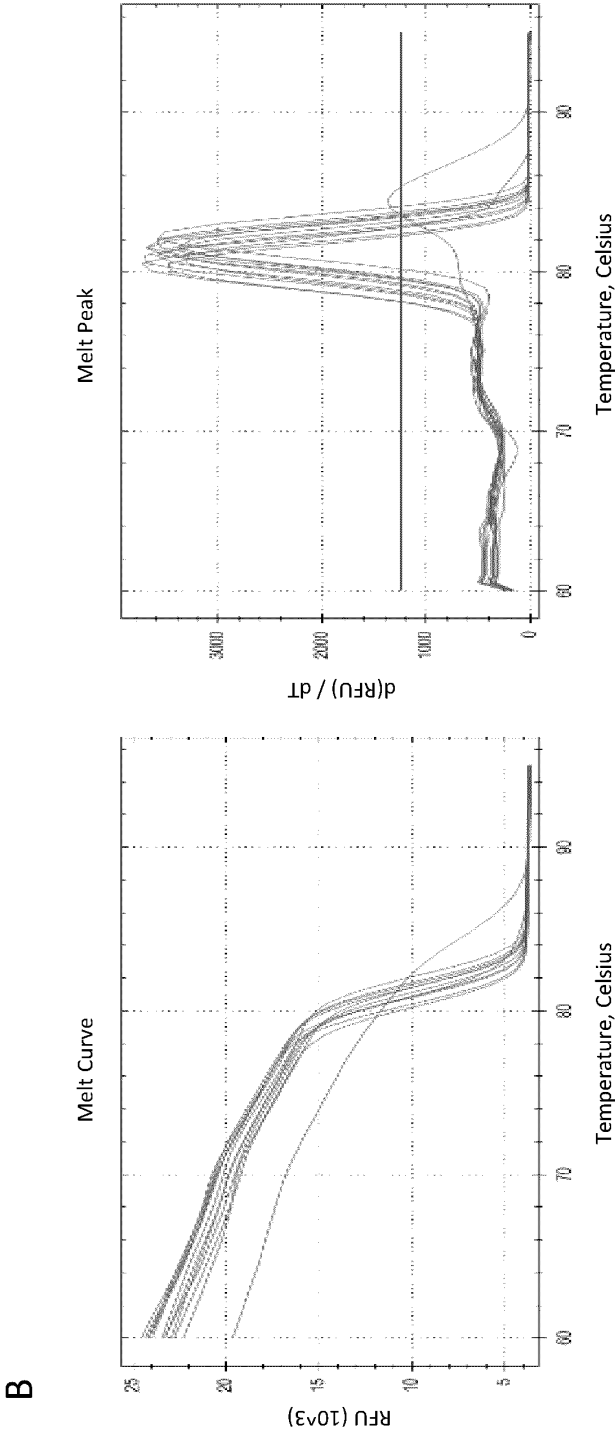


Fig. 3 continued

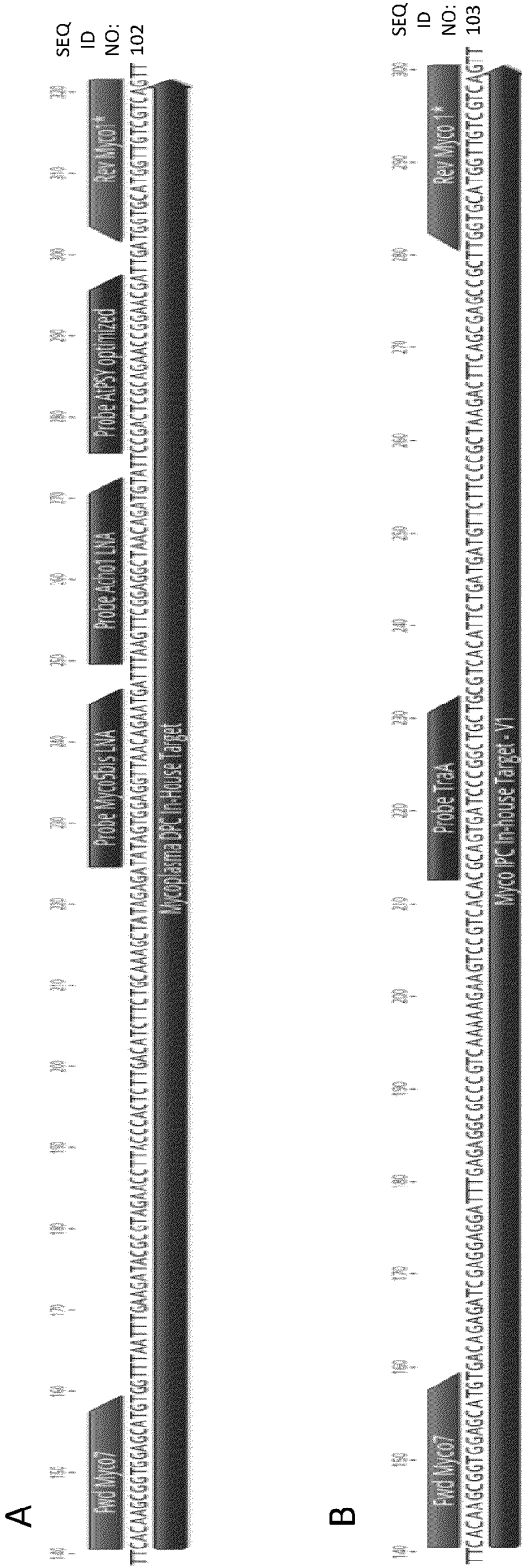


Fig. 4

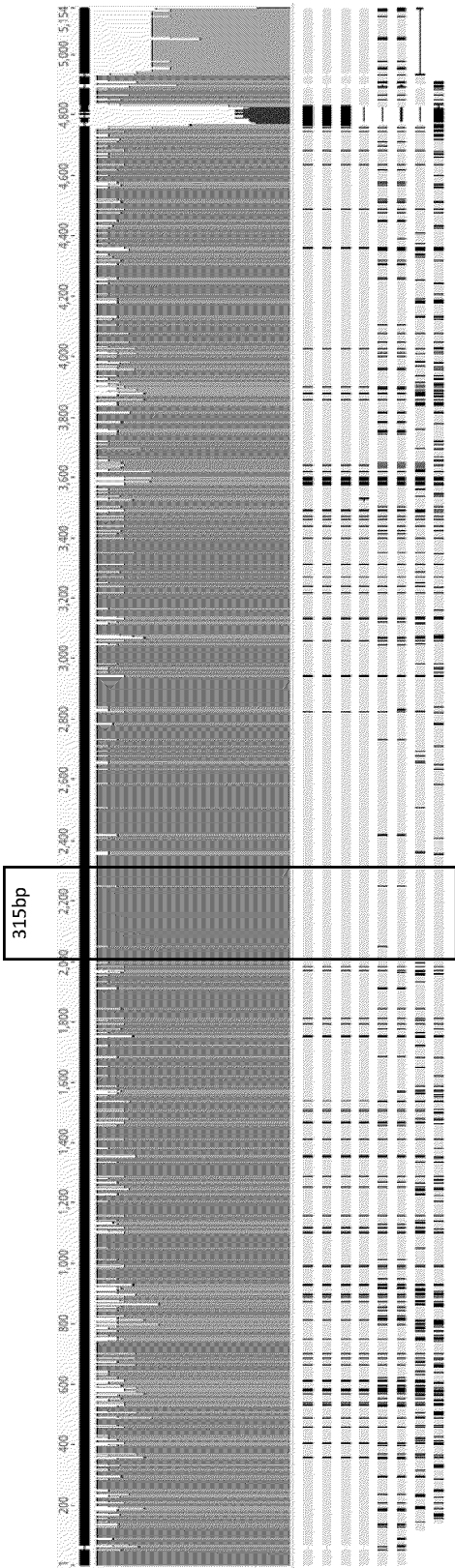


Fig. 5

A

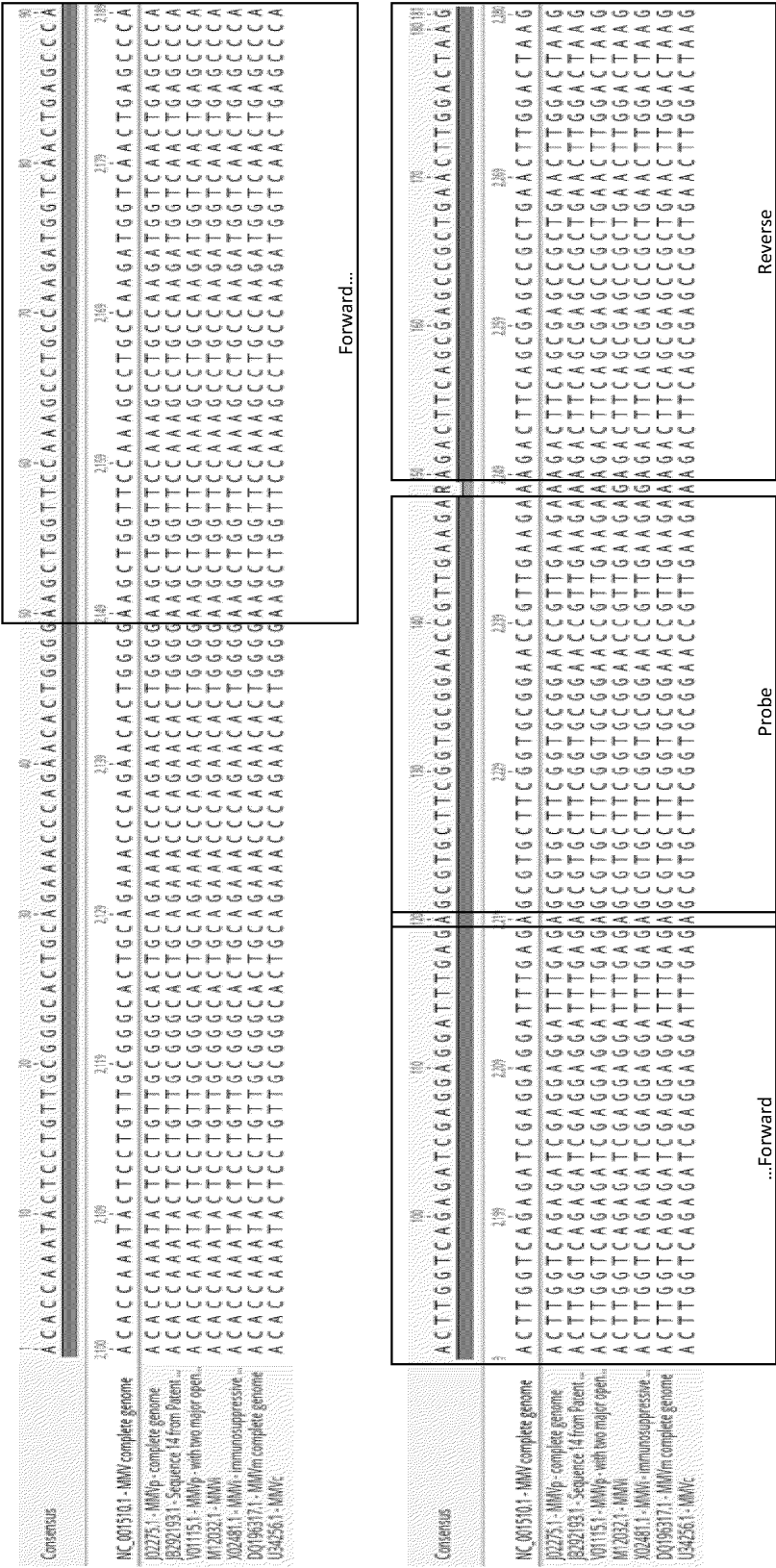


Fig. 6

B

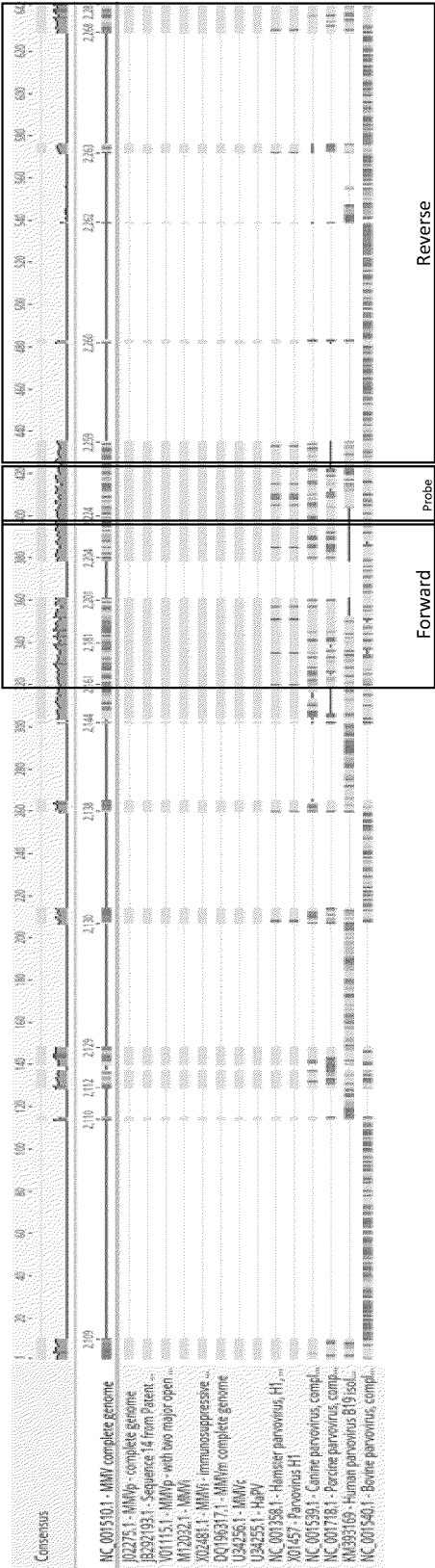


Fig. 6 continued

C

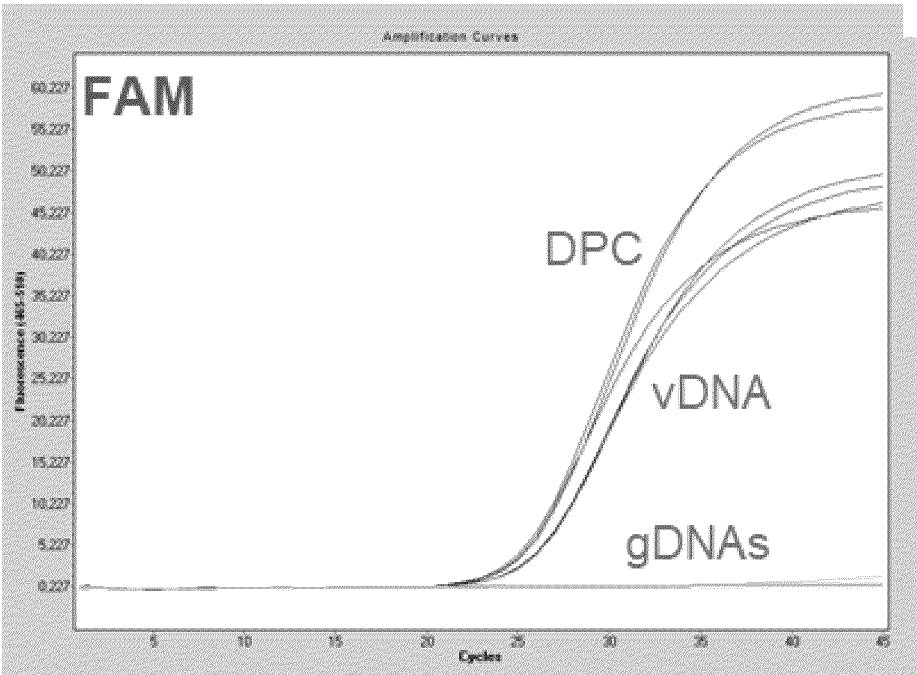
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Forward...																				
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NC_001539.1 - Canine parvovirus, compl...	ACGTGGTCCGAAATAGAGGCAGACCTTGAGAGCCATCTTACTTCTGAAACAATTTGGAGAGAGATTTCGAGAC-----GACTTGGATTAAAGG																			
NC_001718.1 - Porcine parvovirus, compl...	ACTTGGTCCGAAATAGAAACCGACATAGAGCCCTGCTTGGTGAAA-ACCTGTGCAAC-CAACAACCTTGAATTAAAGG																			
Reverse																				
...Forward																				
Probe																				

Fig. 6 continued



Fig. 7

A



B

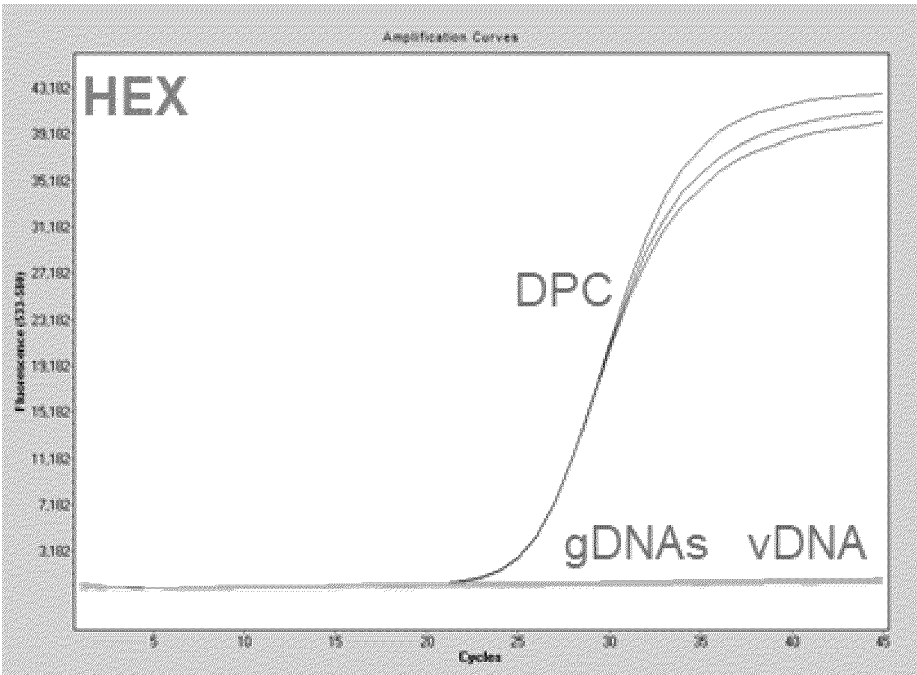


Fig. 8

C

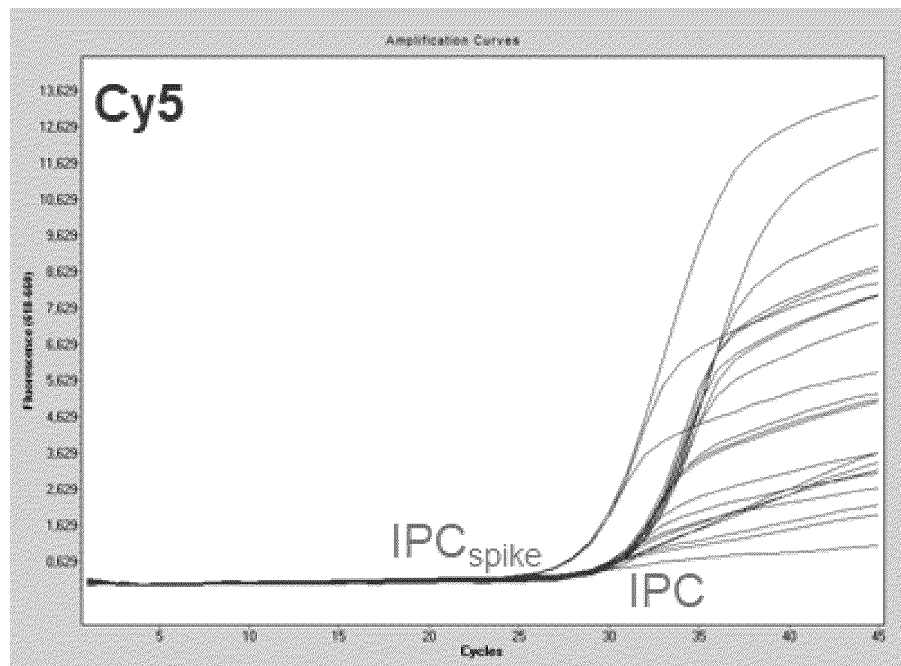
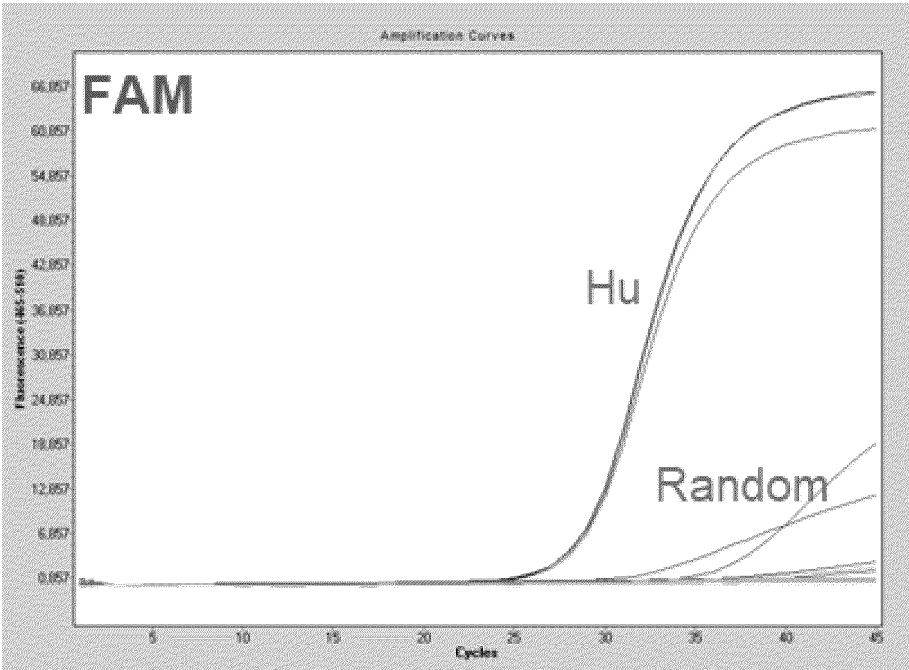


Fig. 8 continued

A



B

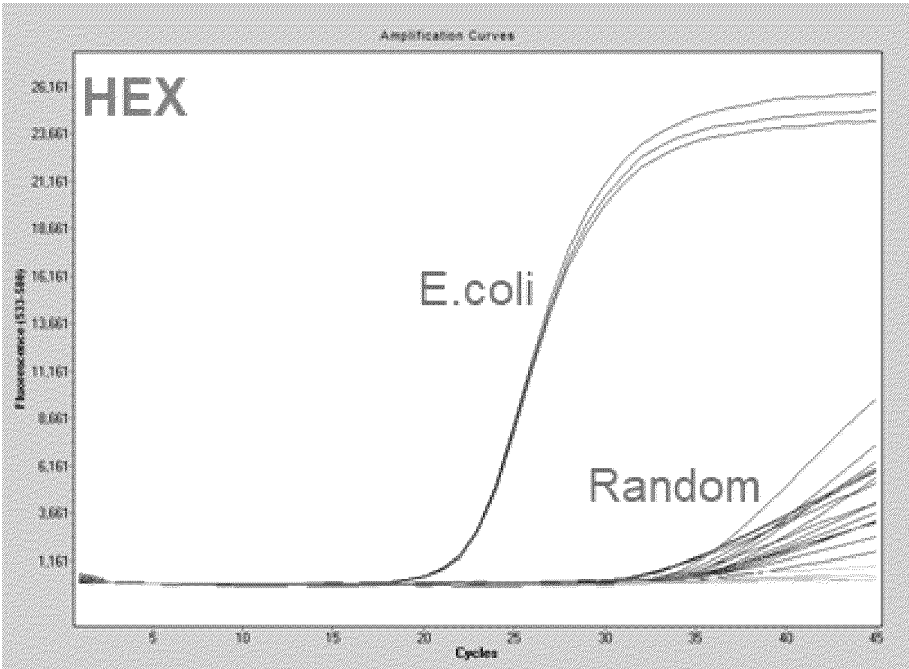


Fig. 9

C

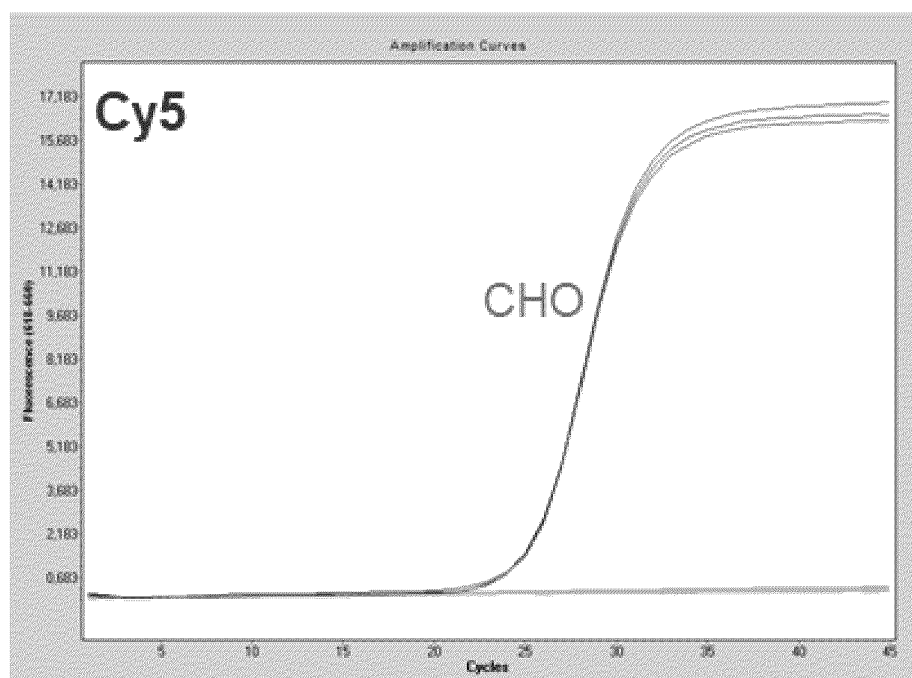
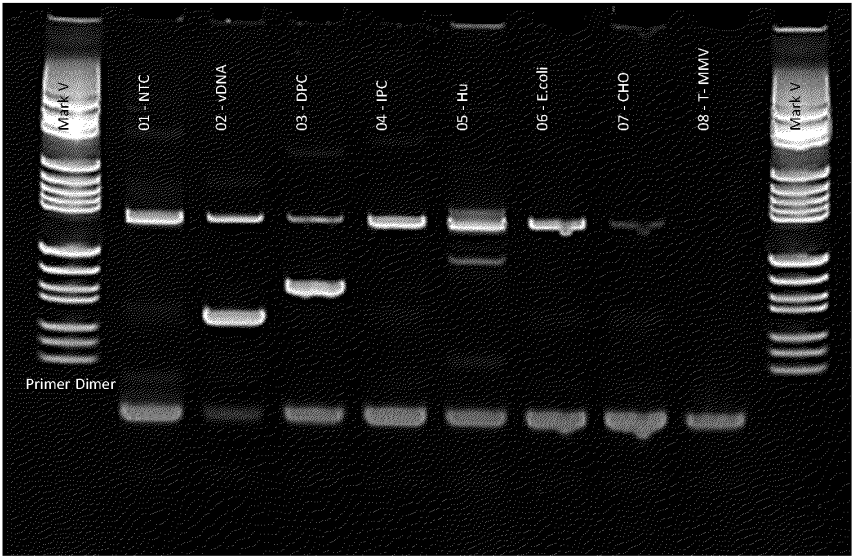


Fig. 9 continued

A



B

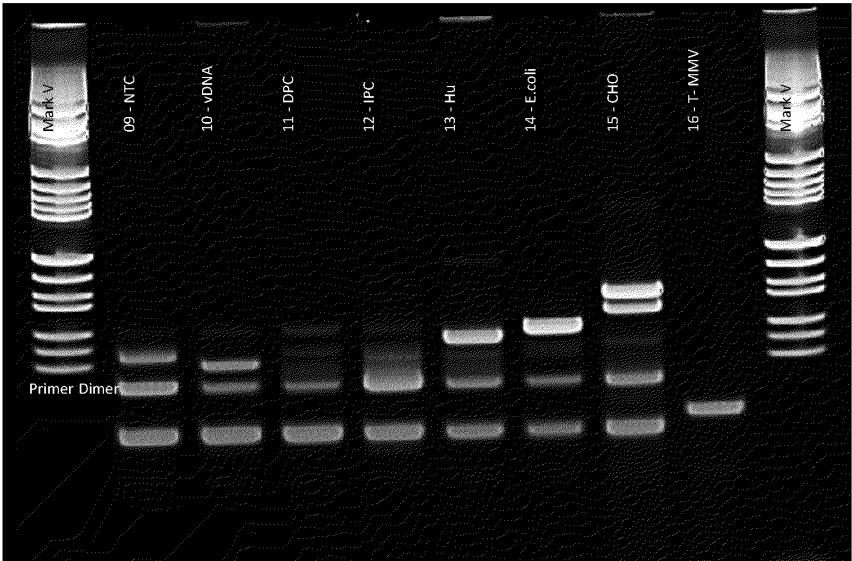
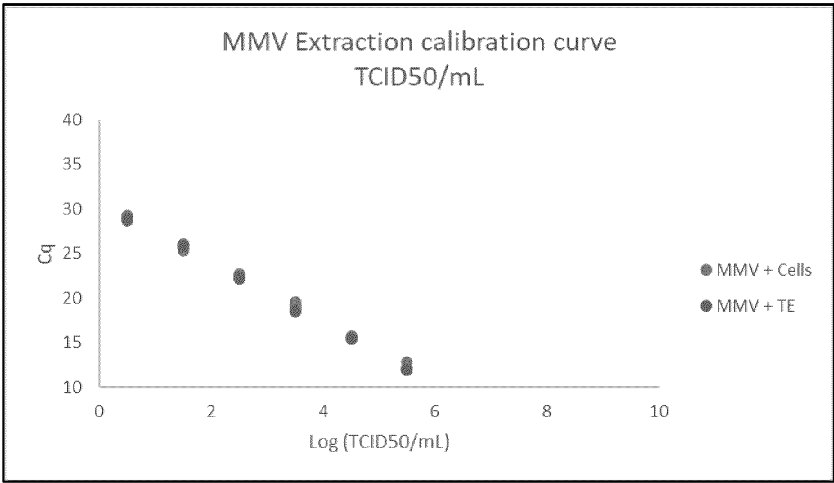


Fig. 10

A



B

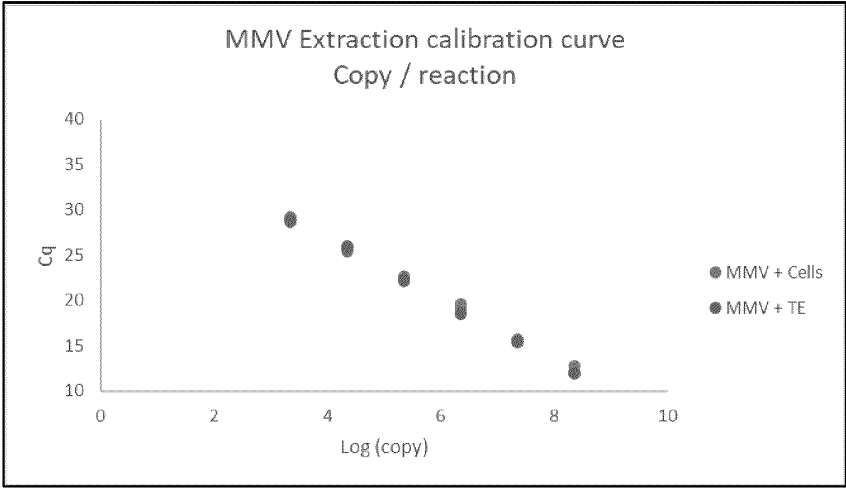


Fig. 11