Primer/probe ID	Primer/probe sequence
D1-F	CAAAAGGAAGTCGYGCAATA
D1-R	CTGAGTGAATTCTCTCTACTGAAC
D1-Probe	CATGTGGYTGGGAGCRCGC
D2-F	CAGGCTATGGCACYGTCACGAT
D2-R	CCATYTGCAGCARCACCATCTC
D2-Probe	CTCYCCRAGAACGGGCCTCGACTTCAA
D3-F	GGACTRGACACACGCACCCA
D3-R	CATGTCTCTACCTTCTCGACTTGYCT
D3-Probe	ACCTGGATGTCGGCTGAAGGAGCTTG
D4-F	TTGTCCTAATGATGCTRGTCG
D4-R	TCCACCYGAGACTCCTTCCA
D4-Probe	TYCCTACYCCTACGCATCGCATTCCG

Ref: Santiago GA, Vergne E, Quiles Y, et al. Analytical and clinical performance of the CDC real time RT-PCR assay for detection and typing of dengue. virusPLoS Negl Trop Dis. 2013 Jul 11;7(7):e2311. doi: 10.1371/journal.pntd.0002311

Primer ID	Primer sequence
primer1-fw	CGTGGGAATAGGCAAC
primer1-rw	TTGAACTTGGCACACG
primer1nt-fw	TCGTTGAAGGACTGTC
primer1nt-rw	TTGAACTTGGCACACG
primer2-fw	GTCTATTGACGTGTGC
primer2-rw	CTTGAGATGTTGAAGC
primer2nt-fw	TGTGCCAAGTTCAAGT
primer2nt-rw	TGGCAGTGGTAAGTCT
primer3-fw	GGCTTGTCCACAAACA
primer3-rw	GCACTAGGACAGTTCC
primer3nt-fw	GGCTTGTCCACAAACA
primer3nt-rw	CCACTTCCTTCTCTAGCTT
primer4-fw	TGCACAGGCTCATTTA
primer4-rw	GTGTCTCCCAGGATAG
primer4nt-fw	AGAAGGAAGTGGCTGA
primer4nt-rw	GCGGTTGCTTCGAACA
primer5-fw	GAaAGGAAGCAGCATA
primer5-rw	TCCACATTTAAGTTCTC
primer5nt-fw	AAATGTTCGAAGCAAC
primer5nt-rw	ATTACACATCCCGAAT

Ref: ON426308

In order to amplify also samples with very low amounts of viral RNA, 5 diffe
semi-nested PCRs with overlapping target regions were designed in order t
completely cover the Dengue 1 E gene. Table x shows the primers used an
positions with respect to the viral polyprotein and/or the E gene. Reference:

Primer ID	Primer sequence
primer1-fw	CGTGGGAATAGGCAAC
primer1-rw	TTGAACTTGGCACACG
primer1nt-fw	TCGTTGAAGGACTGTC
primer1nt-rw	TTGAACTTGGCACACG
primer2-fw	GTCTATTGACGTGTGC
primer2-rw	CTTGAGATGTTGAAGC
primer2nt-fw	TGTGCCAAGTTCAAGT

primer2nt-rw	TGGCAGTGGTAAGTCT
primer3-fw	GGCTTGTCCACAAACA
primer3-rw	GCACTAGGACAGTTCC
primer3nt-fw	GGCTTGTCCACAAACA
primer3nt-rw	CCACTTCCTTCTCTAGCTT
primer4-fw	TGCACAGGCTCATTTA
primer4-rw	GTGTCTCCCAGGATAG
primer4nt-fw	AGAAGGAAGTGGCTGA
primer4nt-rw	GCGGTTGCTTCGAACA
primer5-fw	GAaAGGAAGCAGCATA
primer5-rw	TCCACATTTAAGTTCTC
primer5nt-fw	AAATGTTCGAAGCAAC
primer5nt-rw	ATTACACATCCCGAAT

	Poliprotein position		E gene position			
CAGAG	917	936	9	28	917-936	9-28
TCAA	1248	1267	340	359	1248-1267	340-359
AGGA	940	959	32	51	940-959	32-51
TCAA	1248	1267	340	359	1248-1267	340-359
CAAGT	1243	1263	335	355	1243-1263	335-355
CCCC	1574	1593	666	685	1574-1593	666-685
GTGT	1254	1273	346	365	1254-1273	346-365
AGAA	1546	1565	638	657	1546-1565	638-657
ATGG	1525	1544	617	636	1525-1544	617-636
ATGC	1856	1875	948	967	1856-1875	948-967
ATGG	1525	1544	617	636	1525-1544	617-636
AAATGA	1821	1845	913	937	1821-1845	913-937
AGCT	1812	1821	904	923	1812-1821	904-923
CCAT	2142	2161	1234	1253	2142-2161	1234-1253
GACC	1834	1853	926	945	1834-1853	926-945
TTTT	2106	2125	1198	1217	2106-2125	1198-1217
GGGA	2087	2106	1179	1198	2087-2106	1179-1198
TGCCC	2420	2441	ND	ND	2420-2441	ND-ND
CGCC	2107	2126	1199	1218	2107-2126	1199-1218
CCGC	2391	2410	ND	ND	2391-2410	ND-ND

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: ON426308

	Poliprotein position	E gene position
CAGAG	917-936	9-28
TCAA	1248-1267	340-359
AGGA	940-959	32-51
TCAA	1248-1267	340-359
CAAGT	1243-1263	335-355
CCCC	1574-1593	666-685
GTGT	1254-1273	346-365

'AGAA	1546-1565	638-657
.ATGG	1525-1544	617-636
:ATGC	1856-1875	948-967
.ATGG	1525-1544	617-636
'AAATGA	1821-1845	913-937
.AGCT	1812-1821	904-923
;CCAT	2142-2161	1234-1253
\GACC	1834-1853	926-945
\TTTT	2106-2125	1198-1217
.GGGA	2087-2106	1179-1198
TGCCC	2420-2441	ND-ND
:CGCC	2107-2126	1199-1218
'CCGC	2391-2410	ND-ND