|  |  |  |  |
| --- | --- | --- | --- |
| Site | Primer | Sequence (5‘-3‘) | References |
| Rio de Janeiro & Resende | ZIKV Fwd | CCGCTGCCCAACACAAG |  |
|  | ZIKV Rev | CCACTAACGTTCTTTTGCAGACAT | [1] |
|  | ZIKV Probe | **FAM**-AGCCTACCTTGACAAGCAGTCAGACACTCAA-**BHQ1** |  |
|  | DENV-G Fwd | as described in [2] |  |
|  | DENV-G Rev | as described in [2] | [2] |
|  | DENV-G Probe | as described in [2] |  |
|  | CHIKV Fwd | TCACTCCCTGTTGGACTTGATAGA |  |
|  | CHIKV Rev | TTGACGAACAGAGTTAGGAACATACC | [3] |
|  | CHIKV Probe | **FAM**-AGGTACGCGCTTCAAGTTCGGCG-**BHQ1** |  |
| Recife & Fortaleza |  |  |  |
|  | ZIKV Fwd | CCGCTGCCCAACACAAG |  |
|  | ZIKV Rev | CCACTAACGTTCTTTTGCAGACAT | [1] |
|  | ZIKV Probe | **VIC**-AGCCTACCTTGACAAGCAGTCAGACACTCAA-**BHQ1** |  |
|  | DENV-G Fwd | AAGGACTAGAGGTTAGAGGAGACCC |  |
|  | DENV-G Rev | CGTTCTGTGCCTGGAATGATG | [4, 5] |
|  | DENV-G Probe | **FAM**-AACAGCATATTGACGCTGGGAGAGACCAGA-**BHQ1** |  |
|  | CHIKV Fwd | TCACTCCCTGTTGGACTTGATAGA |  |
|  | CHIKV Rev | TTGACGAACAGAGTTAGGAACATACC | [3] |
|  | CHIKV Probe | **FAM**-AGGTACGCGCTTCAAGTTCGGCG-**BHQ1** |  |
| Valencia |  |  |  |
|  | ZIKV Fwd | as described in [1, 6] |  |
|  | ZIKV Rev | as described in [1, 6] | [1, 6] |
|  | ZIKV Probe | as described in [1, 6] |  |
|  | DENV-1 Fwd | ATCCATGCCCAYCAYCAAT |  |
|  | DENV-1 Rev | YRTGRGTTTTRTCCTCCATC |  |
|  | DENV-1 Probe | **FAM**-TCAGTGTGGAATAGGGTTTGGATAGAGGAA-**BHQ1** |  |
|  | DENV-2 Fwd | TCCATACAYGCYAARCATGAA |  |
|  | DENV-2 Rev | GGGAKTTCMTCCCATGATTCC |  |
|  | DENV-2 Probe | **JOE**-AGGGTGTGGAT**Y**C**R**AGAAAACCC**R**TGG-**BHQ1** |  |
|  | DENV-3 Fwd | TTTCTGCTCCCACCACTTTC |  |
|  | DENV-3 Rev | CCATCCYGCTCCTTGAGA |  |
|  | DENV-3 Probe | **TEXAS RED**-AAGAAAGTTGGTAGTTCCCTGCAGACCCCA-**BHQ1** |  |
|  | DENV-4 Fwd | GYGTGGTGAAGCCYCTRGAT |  |
|  | DENV-4 Rev | AGTGARCGGCCATCCTTCAT |  |
|  | DENV-4 Probe | **CY5**-ACTTCCCTCCTCTTYTTGAACGACATGGGA-**BHQ1** |  |
|  | CHIKV Fwd | as described in [6] |  |
|  | CHIKV Rev | as described in [6] | [6] |
|  | CHIKV Probe | as described in [6] |  |

## **References**

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