High Dengue Burden and Circulation of 4 Virus Serotypes among Children with Undifferentiated Fever, Kenya, 2014–2017

Appendix

Appendix Table 1. Primers sequences for the dengue virus genotyping PCR*

| Oligo name | Oligosequences, 5′→3′ | Position | Length, bp | GenBank accession no. |
|------------|------------------------|----------|------------|----------------------|
| D1_689F    | GGTCTAGAAACAGAACGGAAACTGGATG | 704–733   | 1,547      | MF004384.1           |
| D1_2211R   | ACACCGCTGAAACAGACCCATATG    | 2226–2250 |            |                      |
| D2_750F2   | ATGGATGGTCACTAGAAAGGGGCTG  | 762–785   | 1,602      | MG721057.1           |
| D2_2300R2  | ACAGACAGTGAGGTGCTAGTGATT   | 2338–2363 |            |                      |
| D3_750F1   | GGAGTACAGACACAGGCACCCAAAC  | 739–762   | 1,682      | MH544651.1           |
| D3_2300R1  | CCATGTCAGCTTGCACCCACAGC    | 2399–2420 |            |                      |
| D4_756F2   | GATGTCCATCGGAAAGGGCTTG    | 762–782   | 1,396      | AY947539.1           |
| D4_2137R2  | TGCAGCTCTGTATGTGGACTC      | 2137–2157 |            |                      |

*Each pair is a forward and reverse primer. They have the same accession number and bp length because it is the start and end of an oligo. F, forward; R, reverse.

Appendix Table 2. GenBank search terms for human dengue virus sequences in Africa*

| Search terms                                                                 |
|------------------------------------------------------------------------------|
| Dengue virus 1 OR dengue virus type 1 OR dengue virus 2 OR dengue virus type 2 OR dengue virus 3 OR dengue virus type 3 OR dengue virus 4 OR dengue virus type 4 OR dengue virus isolate AND (Algeria OR Angola OR Benin OR Botswana OR Burkina Faso OR Burundi OR Cabo Verde OR Cameroon OR Central African Republic OR Chad OR Comoros OR Democratic Republic of the Congo OR Cote d'Ivoire OR Djibouti OR Egypt OR Equatorial Guinea OR Eritrea OR Eswatini OR Swaziland OR Ethiopia OR Gabon OR Gambia OR Ghana OR Guinea OR Guinea-Bissau OR Kenya OR Lesotho OR Liberia OR Libya OR Madagascar OR Malawi OR Mali OR Mauritania OR Mauritius OR Morocco OR Mozambique OR Namibia OR Niger OR Nigeria OR Rwanda OR Sao Tome and Principe OR Senegal OR Seychelles OR Sierra Leone OR Somalia OR South Africa OR South Sudan OR Sudan OR Tanzania OR Togo OR Tunisia OR Uganda OR Zambia OR Zimbabwe) NOT Papua New Guinea |

*This search strategy was used to develop an initial list that was further evaluated manually through February 10, 2020, to construct Figure 1.