

Table S1. Primer sequences

PANEL 1 ; 12 PLEX; 25 SEROTYPES	
SEROTYPE(S)	PRIMER SEQUENCE (5'-3')
22A,22F	ATAGGACGTTTCTCAATCCCATAA ATCCCTCCCCCTATAACAAATAGA
20	AATCATGCCAATACTTCTACTCC CTCAAAGATTGTGTGGTACGGTAG
33A,33F, 37	TGGGATAATAAATCTGGAAGTGGT TATCCCTCCTTGAGCTAAAACAAC
23F	TCGAGTGTTAGGTGTTGTGAATTT ACCAACTAACCCAACATAACCATT
19A, 11A	ATGACTTTGGGTTAGTCGGTATGT TTCCAATAGAAGAAAGCCATTAGG
19F	TACTGAGGTTAAGATTGCTGATCG AAGCAGATACGTCAATAACACGAA
17F	TACAAAGCCTGTAAACAGCAAGAG GTTTGTGACGTTTTCGTACATTTT
14	GTTAGACTGGGACGGATTTACATT ACCAAAACCTCTAGAAGAAAAGCA
11A,11D,11E,11F, 42	ATTCTGAAAAGAGGAAGGAAGAT AAACCATATCCAAACCATTTCACT
10A,10B,10C,10F	GAATGAGATTTTGTATGGCAGTTG TCAGATTTGCTAACCATGGAECTA
9N,9L	TCGTTAATTCAGCACACAATACCT GTGGCCAATATACACAAAGAACAA
9A,9V	CTCCGCACACAATACCTTACTAGA TTCTCCTCTCCAAAAGACCAATAC

PANEL 2 ; 9 PLEX; 16 SEROTYPES	
SEROTYPE(S)	PRIMER SEQUENCE (5'-3')
1	ATCAAACCTGGTTTATGGACACCT GTTAGCAAATCAGCACGAGTAGA
2	TAAAATTACCCAAAAGCTATCCA TGCAGTTAAATGGATACAAACGAT
3	CAACTCGCGTACGTTATTTTAATG CACCACAGCTGTAATCAGATTTTC
4	GTACAATGCGGGTAGGATTTTAAC AGTACGCTTTATAACTCGGGACAG

5	GTTTTAGGCTACTGGAATGCTGAT AACTGCCGATAAAAAGATAGATGC
6A,6B,6C	TCACTCGCTCTCTGTTTRCATTTC TTCTGCACCTAGTTCTTTGTTACG
7A, 7F	GTCGCTTTGGCAATCTCAAT ATTTCCGCCTCTCCTAAACC
8	TAAATTAGCTGCATACGCAAGAAC TACCGCATACATAGACCAAGCTAA
12A,12B,12F,44,46	TGAATATGGACGGTGGAG AGCAAAGAAAGCCGAAAG

PANEL 3 ; 12 PLEX; 15 SEROTYPES	
SEROTYPE(S)	PRIMER SEQUENCE (5'-3')
11B,11C	TGCTCAATTGTCTATATGCTGATG TGATAGCGGCCATTAAGTAAA
13	AGCACTCCAAGTCGTAATCTACC TTTAACTGATACGAGGGCAGTATTC
15A,15F	TGCTATATTTGGGAAAGGACTAGG CACCACAAAAGCTATGATGGATAC
17A	CAAAGAATTTGTTGGTCTAGGT TCCACTCAACTTTACTGCATTGAT
19B,19C	TAAGAGAATTCGGAGATTTGTGGT GAAACCAGTAGCACTCTTGCTGA
21	TGCTTCTAGGTCACAATTATTGG GCACCATAATCGCTATTTGATACA
27	TAATGATTGCAGCGATGTTTTACT CAGCTGATAAGCATAAGGAGCATA
29	CCATTGAAGGAGTCAGGAATTATC ATAAAAGCAATGACCCACTGATCT
31	GGTTTGAAAATCCCTTAGTGACAT AACAGAACAACAACGCGATACTAA
36	TCTTGGGGATCTCCATTTTTAGTA AATCAATAACAGCCTCCGTTTTAC
39	ACCATACAACATTTGTTTTGAGA CGAAATGGCAACTAAAGGATAAAC
23A	AAGTAAAGCAGCGTTTTTAAGCAT GAGGGGAGTACTTAACGCACTAAA

PANEL 4; 12PLEX; 27 SEROTYPES	
SEROTYPE(S)	PRIMER SEQUENCE (5'-3')
24A,24B,24F	GCAGCAGAAATAGTACGAAGGAAT CTGGGTATTGTAATGTGGTTTTCA
28A,28F	CAGGAACATTGATATTAGCAGGTG TCCTCCTCCTAAAATTTGCTCTAA
25A,25F,38	TGGAGTATAATGGCTGCTTTAACA GGCTGCAATATATGATTTTCCTCT
33B,33C,33D	AATCTCCTATTTGGGGGYAATAC TCAATGTGACAGGGAGAAGTAAGA
35A,35C,42	TTAATGCCTGTTTGAGTTACTGGA TCCAATCAATCTTTTGACCTAACA
34, 35F	ATGACTGGTAGTAGAGGGTCCTTG ATAATCCCATCTTGACCTACTCCA
41A,41F	TGCGTATATATTGGTATCGATTGG TAGCGAGAACTATCTGCATCTTG
43	TGGAATTGTCTCATTAGTTCAAGG TACGGTGTAACCATAGCTCTCAAA
45	GCAAGATATGCTGTAGGGAAAAGT AGCAACAAAATAGAAACATGCTGA
47A	TTTTCGAACTGGAGGGTTAGTAAG GTTCTAGAGTCCGTTATGGCAAAT
48	AATGTGGATTCCAAGTGTTCCTAT CGGCTAAGATCTGAAAGGTATGTT
7C,7B,40,24B,24F	ATTTTGGGACTGTGGATGATTACT TGACGTTGAAAGGCTAAAGCATA

PANEL 5 ; 8 PLEX; 14 SEROTYPES	
SEROTYPE(S)	PRIMER SEQUENCE (5'-3')
35B	TGCGCAAGGAGAACGAAGT TCGTCAATCAAAGCATGGAA
23B	AATGGTGGGTTGACGCATAA CCGCTATGAACAACGATCCA
47F,35F	GGCGCAAATTGGGAGTTAT TCGAGAATCCGTTTCATCATACA
32A, 32F	TCATGGTTTTTGCAGGGTCT CAAGCAGTGTTGATGCGTTC
18A,18B,18C,18F	CGAACCATTGAAACTATCATCTG AATTGTTCTTTTCTGTAICTAGTC

15B, 15C	AATTTTACTTGGAGCAGGAATCAG AGCCAAAACACCAATAAAGCTAAA
16F	TCTGCTCCTAATTTAGCTGGAGTT ATTAAGGGGAAGATTACCAAGGTC
16A	GGTAACGCCTCCTTTGTAGCA CAACTCCAATCTGGCAGAACA