

Supplementary table 1. Sampling location (Municipalities in Espirito Santo and Rio de Janeiro states) of each geo-referenced YFV sequence

Taxa	Location	Lat	Long
MF170972_YFV_Human_EspiritoSanto_Brazil_2017-03-31	Cariacica	-20.2643	-40.4203
MF170974_YFV_Human_EspiritoSanto_Brazil_2017-03-29	Cariacica	-20.2643	-40.4203
MF170978_YFV_Human_EspiritoSanto_Brazil_2017-03-28	Santa Maria de Jetiba	-20.09345	-40.83740
MF170976_YFV_Human_EspiritoSanto_Brazil_2017-01-25	Laranja da Terra	-19.90105	-41.05603
MF170980_YFV_Human_EspiritoSanto_Brazil_2017-03-23	Alfredo Chaves	-20.63620	-40.75006
MF423374_YFV_Mosquito_EspiritoSanto_Brazil_2017-02-23	Paraju, Domingos Martins	-20.31794	-40.80577
MF434851_YFV_Human_RiodeJaneiro_Brazil_2017-04-25	Casimiro de Abreu	-22.47979	-42.20290
MF538784_YFV_Human_RiodeJaneiro_Brazil_2017-02-26	Porciuncula	-20.96786	-42.04106
MF538785_YFV_Monkey_RiodeJaneiro_Brazil_2017-04-21	Araras, Petropolis	-22.51124	-43.17793
MF423377_YFV_Monkey_RiodeJaneiro_Brazil_2017-04-19	Carmo	-21.93147	-42.60760
MF423378_YFV_Monkey_RiodeJaneiro_Brazil_2017-04-19	Macaee, Sana	-22.32763	-42.18427
MF538783_YFV_Human_RiodeJaneiro_Brazil_2017-03-18	Casimiro de Abreu	-22.47979	-42.20290
MF538782_YFV_Human_RiodeJaneiro_Brazil_2017-03-16	Sao Fidelis	-21.64937	-41.74571
MF423376_YFV_Monkey_RiodeJaneiro_Brazil_2017-04-13	Macaee, Sana	-22.32763	-42.18427
MF538786_YFV_Monkey_RiodeJaneiro_Brazil_2017-06-05	Guapimirim	-22.53519	-42.98994
MF423375_YFV_Monkey_RiodeJaneiro_Brazil_2017-04-04	Macaee, Atalaia	-22.32763	-42.18427
YFV_CasimiroDeAbreu_RJ_2019-01-11	Casimiro de Abreu	-22.47979	-42.20290
LABFLA9_2018-04-24	Silva Jardim	-22.64761	-42.39562
LABFLA10_2018-04-24	Silva Jardim	-22.64761	-42.39562
BC04_library5_48BC RJ182 NHP RioJaneiro-RJ_2017-03-09	Rio de Janeiro	-22.90684	-43.17289
BC05_library5_48BC RJ193 NHP SaoSebastiaoDoAlto-RJ_2017-03-27	Sao Sebastiao Do Alto	-21.95404	-42.13133
BC06_library5_48BC RJ141 Human Ibatiba-ES_2017-01-24	Ibatiba	-20.23516	-41.50906
BC16_library5_48BC RJ183 Human RioJaneiro-RJ_2017-03-12	Rio de Janeiro	-22.90684	-43.17289
BC17_library5_48BC RJ194 NHP SaoSebastiaoDoAlto-RJ_2017-03-27	Sao Sebastiao Do Alto	-21.95404	-42.13133
BC18_library5_48BC RJ147 NHP DomingosMartins-ES_2017-01-31	Domingos Martins	-20.36079	-40.65981
BC27_library5_48BC RJ173 NHP Itarana-ES_2017-02-09	Itarana	-19.87458	-40.87594

BC28_library5_48BC RJ184 Human Vitoria-ES_2017-03-13	Vitoria	-20.29761	-40.29577
BC49_library5_48BC RJ213 NHP Valenca-RJ_2018-01-22	Valenca	-22.24595	-43.70690
BC52_library5_48BC RJ186 NHP Guarapari-ES_2017-03-06	Guarapari	-20.67411	-40.49973
BC63_library5_48BC RJ177 Human Brejetuba-ES_2017-02-16	Brejetuba	-20.14950	-41.29224
BC76_library5_48BC RJ188 NHP Cariacica-ES_2017-03-08	Cariacica	-20.2643	-40.4203
BC77_library5_48BC RJ201 NHP Novalguacu-RJ_2017-11-28	Nova Iguacu	-22.75613	-43.46074
BC78_library5_48BC RJ219 NHP AngraDosReis-RJ_2018-02-05	Angra Dos Reis	-23.00573	-44.31575
BC88_library5_48BC RJ189 NHP Serra-ES_2017-03-20	Serra	-20.12289	-40.30540
BC89_library5_48BC RJ216 NHP DuasBarras-RJ_2018-01-25	Duas Barras	-22.07081	-42.51172
MH018110_YFV_Monkey_Brazil_2017_2115_monkey_Cariacica_EspiritoSanto_Brazil_2017-03-09	Cariacica	-20.2643	-40.4203
MH018111_YFV_Human_Brazil_2017_3919_human_DomingosMartins_EspiritoSanto_Brazil_2017-04-10	Domingos Martins	-20.36079	-40.65981
MH018112_YFV_Monkey_Brazil_2017_4278_Monkey_Marica_RioDeJaneiro_Brazil_2017-04-17	Marica	-22.91609	-42.81919
MH018108_YFV_Human_Brazil_2017_1818_Cariacica_EspiritoSanto_2017-03-10	Cariacica	-20.2643	-40.4203
MH018113_YFV_Human_Brazil_2017_4480_human_CasimiroDeAbreu_RioDeJaneiro_Brazil_2017-04-22	Casimiro de Abreu	-22.47979	-42.20290
MH018109_YFV_Monkey_Brazil_2017_2109_monkey_Cariacica_EspiritoSanto_2017-03-08	Cariacica	-20.2643	-40.4203
MH018106_YFV_Monkey_Brazil_2017_532_CoronelMurta_MinasGerais_Brazil_2017-01-13	Coronel Murta	-16.58801	-42.19677
MH018104_YFV_Human_Brazil_2017_465_Human_Itambacuri_MinasGerais_Brazil_2017-01-30	Itambacuri	-18.03409	-41.68334
MH018102_YFV_Monkey_Brazil_2017_438_Monkey_DomingosMartins_EspiritoSanto_2017-01-31	Domingos Martins	-20.36079	-40.65981
MH018105_YFV_Human_Brazil_2017_480_Human_TeofiloOtoni_MinasGerais_Brazil_2017-01-28	Teofilo Otoni	-17.86000	-41.50910
MH018107_YFV_Human_Brazil_2017_1536_human_Vitoria_EspiritoSanto_Brazil_2017-02-22	Vitoria	-20.29761	-40.29577
KY885000_ES-504_Alouattaclamitans_DomingosMartins_EspiritoSanto_Brazil_2017-02-20	Domingos Martins	-20.36079	-40.65981
KY885001_ES-505_Alouattaclamitans_DomingosMartins_EspiritoSanto_Brazil_2017-02-22	Domingos Martins	-20.36079	-40.65981
MH018080_YFV_Human_Brazil_2017_M68_Human_Ladainha_MinisGerais_Brazil_2017-01-28	Ladainha	-17.59819	-41.80044
MH018092_YFV_Human_Brazil_2017_M123_Human_Itambacuri_MinisGerais_Brazil_2017-01-27	Itambacuri	-18.03409	-41.68334
MH018068_YFV_Human_Brazil_2017_M16_human_Caratinga_MinisGerais_Brazil_2017-01-09	Caratinga	-19.78886	-42.13644
MH018094_YFV_Human_Brazil_2017_M164_Human_Simonesia_MinisGerais_Brazil_2017-01-30	Simonesia	-20.12242	-42.00298
MH018079_YFV_Human_Brazil_2017_M58_Human_Itambacuri_MinisGerais_Brazil_2017-01-28	Itambacuri	-18.03409	-41.68334
MH018096_YFV_Monkey_Brazil_2017_M211_Monkey_JoseRaydan_MinisGerais_Brazil_2017-01-13	Jose Raydan	-18.22134	-42.49851
MH018076_YFV_Human_Brazil_2017_M47_Human_Setubinha_MinisGerais_Brazil_2017-01-19	Setubinha	-17.60067	-42.15906
MH018083_YFV_Monkey_Brazil_2017_M79_AlouttaSpp_Abre_Campo_MinisGerais_Brazil_2017-02-17	Abre Campo	-20.30013	-42.47470

MH018095_YFV_Monkey_Brazil_2017_M210_Monkey_Sabinopolis_MinasGerais_Brazil_2017-01-19	Sabinopolis	-18.66589	-43.08160
MH018090_YFV_Human_Brazil_2017_M105_Human_Caratinga_MinasGerais_Brazil_2017-01-12	Caratinga	-19.78886	-42.13644
MH018085_YFV_Human_Brazil_2017_M94_Human_ImbeDeMinas_MinasGerais_Brazil_2017-01-13	Imbe De Minas	-19.60220	-41.96985
MH018078_YFV_Human_Brazil_2017_M51_Human_NovoCruzeiro_MinasGerais_Brazil_2017-01-18	Novo Cruzeiro	-17.43289	-41.99897
MH018070_YFV_Human_Brazil_2017_M18_human_Itambacuri_MinasGerais_Brazil_2017-01-21	Itambacuri	-18.03409	-41.68334
MH018091_YFV_Human_Brazil_2017_M107_Human_NovoCruzeiro_MinasGerais_Brazil_2017-01-30	Novo Cruzeiro	-17.43289	-41.99897
MH018088_YFV_Human_Brazil_2017_M99_Human_TeofiloOtoni_MinasGerais_Brazil_2017-01-21	Teofilo Otoni	-17.86000	-41.50910
MH018089_YFV_Human_Brazil_2017_M100_Human_Ladainha_MinasGerais_Brazil_2017-01-02	Ladainha	-17.59819	-41.80044
MH018074_YFV_Human_Brazil_2017_M36_Human_NovoCruzeiro_MinasGerais_Brazil_2017-01-14	Novo Cruzeiro	-17.43289	-41.99897
MH018084_YFV_Monkey_Brazil_2017_M83_Monkey_Ladainha_MinasGerais_Brazil_2017-02-09	Ladainha	-17.59819	-41.80044
MH018099_YFV_Monkey_Brazil_2017_M218_Monkey_Cordeiros_Bahia_2017-03-10	Cordeiros	-15.03780	-41.93468
MH018077_YFV_Human_Brazil_2017_M48_Human_Ladainha_MinasGerais_Brazil_2017-01-07	Ladainha	-17.59819	-41.80044
MH018072_YFV_Human_Brazil_2017_M26_human_TeofiloOtoni_MinasGerais_Brazil_2017-01-07	Teofilo Otoni	-17.86000	-41.50910
MH018087_YFV_Human_Brazil_2017_M98_Human_TeofiloOtoni_MinasGerais_Brazil_2017-01-10	Teofilo Otoni	-17.86000	-41.50910
MH018073_YFV_Human_Brazil_2017_M35_human_TeofiloOtoni_MinasGerais_Brazil_2017-01-20	Teofilo Otoni	-17.86000	-41.50910
MH018103_YFV_Human_Brazil_2017_460_human_NovoCruzeiro_MinasGerais_Brazil_2017-01-30	Novo Cruzeiro	-17.43289	-41.99897
RJ162_NHP_ChapadaGaucha-MG_2017-01-23	Chapada Gaucha	-15.56940	-45.37453
RJ150_Human_TeofiloOtoni-MG_2017-01-27	Teofilo Otoni	-17.86000	-41.50910
RJ148_Human_TeofiloOtoni-MG_2017-01-24	Teofilo Otoni	-17.86000	-41.50910
RJ157_Human_TeofiloOtoni-MG_2017-02-05	Teofilo Otoni	-17.86000	-41.50910
RJ153_NHP_FelicianoDosSantos-MG_2017-01-24	Felicio Dos Santos	-18.07791	-43.25037
MH018114_YFV_Monkey_Brazil_2017_8_monkey_Itarana_EspiritoSanto_Brazil_2017-01-24	Itarana	-19.87458	-40.87594
RJ168_NHP_Divinopolis-MG_2017-01-23	Divinopolis	-20.10344	-44.97167
RJ185_Human_SaoJoaoEvangelista-MG_2017-01-22	Sao Joao Evangelista	-18.54848	-42.76587
RJ151_NHP_Itamarandiba-MG_2017-01-13	Itamarandiba	-17.85729	-42.85839
