

**List S1: Yellow Fever virus genomes used for primers design**

MN958078, MN211311, MN211310, MN211308, MN211307, MN211306, MN211304, MN211303, MN211302, MK457701, MK292067, MH444798, MF405338, KU978765, AY572535, KU978763, JX898881, JX898880, JX898879, JX898878, JX898877, JX898876, JX898875, JX898874, JX898873, JX898872, JX898871, JX898870, JX898869, JX898868, AY603338.