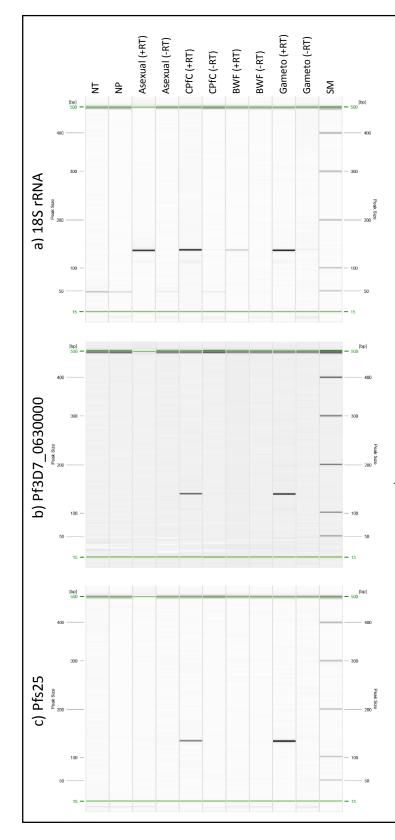
Additional file 2: Results of gametocyte-specific PCRs' assays



Capillary electrophoresis of the products from the **RT-PCRs** performed to assess the presence of gametocytes. a) 18S rRNA: test performed to check total RNA purification; **b**) and **c**) tests run on a spliced and an unspliced gametocyte markers Pf3D7_0630000 and Pfs25 respectively to detect specifically the presence of gametocyte. All runs were performed on QIAxcel Advanced System equipped with QIAxcel DNA High Resolution Kit. Each sample was tested with and without Reverse Transcription step as reflected by +RT and -RT respectively check to possible amplification from copurified gDNA. NT: No Template, NP: Negative Patient, Asexual: P. falciparum 3D7 Day 3 culture with only asexual stages, CPfC: Clinical P. falciparum Case with microscopically confirmed asexual and gametocyte stages, BWF: Black Water Fever case, Gameto: P. falciparum NF54 Day 14 culture with only gametocyte stage, SM: Size Marker.