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- (54) Title:** AN APTAMER FOR DENGUE VIRUS AND RELATED METHODS AND PRODUCTS

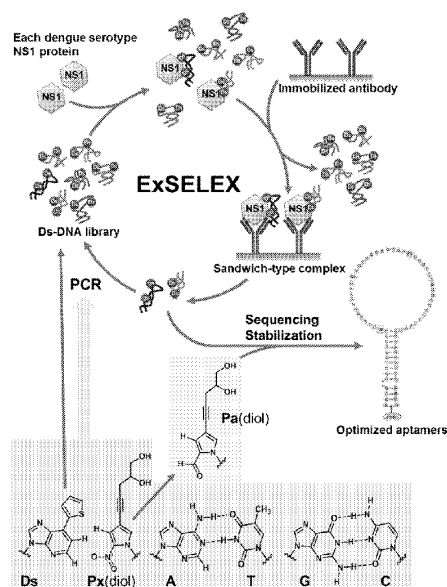


FIG. 1

(57) Abstract: There is provided an aptamer for dengue virus, optionally an aptamer for dengue virus NS1 protein. The aptamer comprising at least one unnatural base, wherein the unnatural base may be 7-(2thienyl)imidazo[4,5-b]pyridine (Ds), pyrrole2-carbaldehyde (Pa) or 2-nitro-4-propynylpyrrole (Px). The aptamers of the invention may be used to identify a dengue infection in a subject. Also provided are mixtures and kits comprising the aptamer.

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