

**Supplementary Table 2: Capture probes, report probes and target DNA**

	Strand	Segment 1	Segment 2
Capture probe	<u>Capture-Ban</u>	5' biotin	ATC CTT ATC AAT AT-3'
	<u>Capture-Ebo</u>		TGG TGG GTT ATA AT-3'
	<u>Capture-Sco</u>		G CTG TGA ACC AAG-3'
	<u>Capture-SMPo</u>		CGT CTC TAC CTG AT-3'
	<u>Capture-control</u>		AAT TAA CAA TAA CCT-3'
y1-report probe	y1-report-Ban	5'T TAA CAA TAA TCC	TGG ATC CGC ATG ACA TTC GCC GTA AG-3'
	y1-report-Ebo	5'A ATC ACT GAC ATG	
	y1-report-Sco	5'ACG CAG TAT TAT	
	y1-report -SMPo	5'T ACT ATT GCA TCT	
	y1-report-control	GGA TTA TTG TTA ATT	
Target DNA	Target 1 ( <i>B. anthracis</i> )	5'GGA TTA TTG TTA AAT ATT GAT AAG GAT-3'	
	Target 2 ( <i>F. tularensis</i> )	5'CAT GTC AGT GAT TAT TAT AAC CCA CCA-3'	
	Target 3 (Ebola virus)	5'ATA ATA CTG CGT CTT GGT TCA CAG C-3'	
	Target 4 (SARS Coronavirus)	5'AGA TGC AAT AGT AAT CAG GTA GAG ACG	