

**Table S1** Overview of selection criteria for the use and characteristics of different molecular diagnostic assays<sup>a</sup>

	PCR (RT-PCR)	multiplex PCR	PCR-RFLP	qPCR (RT-qPCR)	multiplex qPCR	LAMP	nPCR	snPCR <sup>b</sup>	HRM
Specificity	+	+	++	+++	+++	+++	+++	++	+++
Sensitivity	+	+	+	+++	+++	+++	+++	++	+++
Reproducibility	++	++	++	+++	+++	++	++	++	+++
Pathogen quantification	no	no	no	yes	yes	no	no	no	no
Difficulty of result interpretation	+	++	+++	++	++	+	+	+	++
Expertise needed	+	+	++	+++	+++	+	++	++	+++
Development efforts	+	++	++	+++	+++	+++	++	++	+++
Equipment needed	++	++	++	+++	+++	+	++	++	+++
Cost per sample	+	++	++	++	+++	+	++	++	++

<sup>a</sup>Indications are for guidance only and don not substitute a thorough planning of a study; <sup>b</sup>snPCR, seminested PCR