

**Additional File 4: Sequence of Probes.**

Name	Sequence 5' – 3'
P-AS2a	GGGTTTGTTAGGTAAGTGTGTCATGCCCCGCCTCTTCACGGGCAGGTCA TCTTCTCGTCTTGCTGTGTCATGCCCCGCCTCTTCACGGGCAGGTCA ATTTCACTGGTTAAAAGTAAGAGACAGCTGAACCCTCGTGGAGCCA TTCATACAGGTCCCTATTTAAGGAACAAGTGATTATGCTACCTT
P-AS2b	TTGCACGGTTAGGGTACCGCGGCCGTTAAACATGTGTCACTGGGC AGGCGGTGCCTCTAATACTGGTGATGCTAGAGGTGATGTTTTTGGT AAACAGGCGGGGTAAGGTTTGCCGAGTTCCTTTTACTTTTTTTAACC TTTCCTTATGAGCATGCCTGTGTTGGGTTGACAGTGAGGGTAATAA
P-AS2c	TGACTTGTTGGTTGATTGTAGATATTGGGCTGTTAATTGTCAGTTCA GTGTTTTGATCTGACGCAGGCTTATGCGGAGGAGAATGTTTTTCATG TACTTATACTAACATTAGTTCTTCTATAGGGTGATAGATTGGTCCA ATTGGGTGTGAGGAGTTCAGTTATATGTTTGGGATTTTTTAGGTA
P-4485-3p	TTAGGGTACCGCGGCCGTTA*

\*Estimated  $T_m$ , calculated as DNA/RNA hybrid in 5X SSC (idtdna.com), and subtracting 2.4 – 2.9°C per molarity of formamide [19] (11.1 M), is between 39.2 and 44.8°C.