

Fig. S3. Alignment of SVDV-5'UTR sequences [including nucleotide region 455-522 according to the reference strain UKG 27/72 (X54521.1)] showing mismatches found in a representative selection of seven samples belonging to sub-lineage 1 and two samples belonging to sub-lineage 2 (*) undetected in the 3IR Real-time RT-PCR.

	CCCTGAATGCGGCTAATCC										ACTGCGGAGCAGATACCCATGCA										TGGGCAGTCTGTCTGTAATGG																			
	10					20					30					40					50					60					70									
	-----+-----+-----+-----+-----+-----+-----																																							
R1644/Salerno/Nov-11									
R1651/Campobasso/Dic-11									
R1655/Isernia/Mar-12									
R1660/Potenza/Apr-14									
R1661/Salerno/Oct-14									
R1662/Catanzaro/Nov-14									
R1554/Frosinone/Mar-07									
R1602/Rieti/Oct-08*									
R1625/Catania/Jan-10*									
R1394/Firenze/Ap-02									
R1567/Caserta/Ap-07									

Footnote: Strains R1394 and R1597, highlighted in grey, represent sub-lineage 1 and sub-lineage 2 respectively. Primers and probe regions used in the 3IR assay are highlighted in grey and nucleotide mismatches within them are indicated. Two nucleotide mismatches within the probe target sequence were commonly found in all the sequenced samples missed by the test (12 of sub-lineage 1 and 7 of sub-lineage 2), regardless the sub-lineage.