

Amplicon 1 (reverse primer, pool A)

GCYTCTRCGRCCCAGYGAGGTGT	UNI Rev 2.3
.....	1046
.....a....	186
.....t.....	86
.....c.....	41
.....a.	29
.....t.....	27
.....c..t.....	15
.....t....a....	12
.....c..t....a....	12
.....t..t.....	7
.....t.	6
.....c.....a....	5
ag.a.t..c.....a.c.	82
ag.a.t..c.....a.t.	13
ag.a.t..c..t.....a.c.	13
ag.a.t..c..a.....a.c.	8

ACTCGCCCYAGCGAGATCTG	UNI Rev 2.4
.....	98
.....t..	17
.....a.....	8
t.g..a.....g.g..	685
t.g..a.....ag.g..	156
t.a..a....t..g.g..	153
t.g..g.....g.g..	142
t.g..a....t..g.g..	116
t.a.....t..g.g..	36
t.a..t....t..g.g..	30
t.g..a.....g.a..	24
t.a..g....t..g.g..	22
t.g..g.....ag.g..	17
t.g..g....t..g.g..	17
t.g.....ag.g..	16
t.a..a....t..ag.g..	14
t.g.....g.g..	12
t.g..g.....g.a..	6
t.a.....t..g.a..	5
t.g..a.....g.t..	5

Amplicon 3 (forward primer, pool A, serotype O viruses)

CGGACGAACATGACRGVCACAT	O UNI For 6
.....	525
..c.....	114
..c.....t.....	97
.....a.....	38
..a.....	21
.....t..	10
.....t.....	10
.....t.....	8
..c..a.....t.....	5

Amplicon 3 (forward primer, pool A, serotype A viruses)

AGAACMAACATGACWGCVCACAT	A UNI For 6.1
.....	176
..g.....	108
.....t.....	95
.....t.....	24
.....c.....	19
..g.....g.....	7
.....c..t.....	6

Amplicon 3 (forward primer, pool A, serotype Asia1 viruses)

CACGCACYAACATGACGGCYCACAT	As1 UNI For 6
.....	56
.g.....	12
....t.....a.....	7
....t.....g.....	7

Amplicon 3 (forward primer, pool A, recent serotype SAT1 viruses)

ATRAACCCGCGYACCAACACCA	SAT1 UNI For 6A	CAATTCCTCAAYCCRCGRACGAACAC	SAT1 UNI For 6B
.....	9		6

Amplicon 3 (forward primer, pool A, serotype SAT2 viruses)

TACCCRCACCAGTTCATYAACCC	SAT2 UNI For 6.1
.....	74
.....a.....	6
.....t.....	6
..t.....	6
.....t..	5
.....c.....	5

Amplicon 3 (forward primer, pool A, serotype SAT3 viruses)

TACCCRCACCAGTTCATYAACCC	SAT2 UNI For 6.1
.t...t.....	13
.t.....	7

Amplicon 3 (reverse primer, pool A)

TGTCRTGYATGGCCGCTGTRGC	UNI	Rev	9
.....			1344
.....c..			141
.....c.....			100
.....t.....			37
.....t..			10
.....a.....			8
.....t.....			6
....t.....t.....			5

Amplicon 5 (forward primer, pool A)

GAAGAARCCTGTGCGYTTGAARGTGA	UNI	For	15.1
.....			1290
.....t.....			123
...a.....			50
c.....			42
..g.....			29
.....c.....			28
a.....			26
.....c.....			9
....g.....			6
.....a.			5
.....c.....			5
c.....c.....			5

Amplicon 2 (forward primer, pool B)

CRTGTGTGCRACCCCRGCAC	UNI	For	2
.....			1208
t.....			192
.....a.....			15
.....t.....			10
t...c.....			7
..c.....			6
t.c.....			6
.....t.....			5
.....g.....			5
t.....t.....			5

Amplicon 2 (reverse primer, pool B, serotype O viruses)

ATYAAGGTBTAYGCCAACATCGCCCC	O	A	UNI	Rev	5
.....					393
.....t....					166
.....a..					165
.....t....					31
.....t....					23
.....a.....					12
.....g..					10
.....t..					10
.....a....					8
.....t.....g..					6
.....t....t....					6
.....a....t.....					5

Amplicon 2 (reverse primer, pool B, serotype A viruses)

ATYAAGGTBTAYGCCAACATCGCCCC	O	A	UNI	Rev	5
.....					180
.....a..t..					88
.....t....					61
.....t..					42
.....t..t..					12
.....t.....					11
.....a.....					10
.....a.....t....					9
.....t.....					7

Amplicon 2 (reverse primer, pool B, serotype Asia1 viruses)

ATYAAGGTYTACATGAATGCAGCACC	As1	UNI	Rev	5.2
.....				41
.....g..				32
.....t....				10

Amplicon 2 (reverse primer, pool B, recent serotype SAT1 viruses)

TTCCAAAACACDGACCCCAARAC	SAT1	UNI	Rev	5A	CCAAAACACCGACCCGAAGACTT	SAT1	UNI	Rev	5A.1
.....				16					5
.....c.....g.....				5	a.....c..a..a..				7

Amplicon 2 (reverse primer, pool B, serotype SAT2 viruses)

GTYGAGGTGTACGCCAACATYGC	SAT2	UNI	Rev	5
.....				47
.....t.....				17
.....c.....				11
.....t.....				9
.....a.....				5

Amplicon 2 (reverse primer, pool B, serotype SAT3 viruses)

TTCCAAAACACDGACCCCAARAC	SAT1	UNI	Rev	5A	GTYGAGGTGTACGCCAACATYGC	SAT2	UNI	Rev	5
.....g.....				11	a.....				10
.....g.....a.....				8	c.....				5
.....t.....				6	..a.....t..g.....				5

Amplicon 4 (forward primer, pool B)

CCAACCCTGGRCCCTTCTTYTT	UNI	For	10
.....			1308
.....c.....			105
.....t.....			94
....t.....			55
.....a.....			29
.....t.....			16
.t.....			11
....t.....t.....			6

Amplicon 4 (reverse primer, pool B)

GGBAAGACRGTRGCCATCTGCTG	UNI Rev 14A
.....	905
.....t.....	250
.....a.....	116
.....t..	95
.....g.....	28
.....t.....	23
.....t..t..	10
.....g.....	9
.....c..t..gc.....	48
.....t..gc.....	38
.....t..ac.t.....	9
.....c..t..ac.g.....	9
.....tc..c..gc.....	9
.....g...t..	5
.....t..gc.g.....	5
GGKAAGACVGTTCRCCTCTGCTG	UNI Rev 14B
.....	89
.....g.....	16
.....t.....	12
.....t..	6
.....c.....	6
.....a..ca.....	560
.....g..ca.....	317
.....a..ca.t.....	203
.....g...a.....	127
.....a..ca...t..	46
.....g..ca.t.....	35
.....g..ca...t..	34
..c.....a..ca.....	23
.....g..ta.....	18
.....a...a.....	15
..c.....g..ca...t..	15
.....t..c.....	9
.....g..ca.t..t..	8
..c.....a..ca.t.....	8
.....g..cg.....	7
.....g...a...t..	6
.....a..ta.....	5
.....g..cg...t..	5
..c.....g..ca.....	5

GGKAAGACMGTKGCRMTCTGCTG	UNI_Rev_14C
.....	208
.....c.....	70
.....t.....	19
.....g.....	16
.....a.....	15
.....g.....	13
.....t..	12
.....g.....t....	9
.....c.....t..	6
.....c..t....	6
.....t.....	6
.....t.....	5
.....a..c.....	461
.....g.....c.....	251
.....a..c..t....	109
.....g..a..c.....	99
.....g..a..c..t....	94
.....g.....c..t....	29
.....g.....c.....t..	28
.....a..c.....t..	26
.....g..a..c.....t..	20
..c.....g.....c.....t..	15
..c.....g..a..c.....	13
..c.....a..c.....	10
.....t..c.....	9
..c.....g..a..c..t....	8
.....g.....cg.....	7
.....g.....c..t..t..	6
.....cg.....t..	5