

pA site (strand)	Gene/gene cluster	# of genes/pA	Adjacent gene	3UTR
2972 (+)	K1, ORF4	2	ORF4	178
7032 (+)	ORF6	1	ORF6	421
17073 (+)	ORF7, 8, 9, 10, 11	5	ORF11	60
25116 (+)	T1.5	1	T1.5	N/A
25192 (+)	T1.5	1	T1.5	N/A
25441 (+)	T1.5	1	T1.5	N/A
28925 (+)	K7, PAN, T6.1	3	PAN	N/A
29277 (+)	K7, PAN, T6.1	3	K7	275
29740 (+)	K7, PAN, T6.1	3	K7	738
30749 (+)	ORF16	1	ORF16	77
33455 (+)	ORF18	1	ORF18	258
39329 (+)	ORF21, 22	2	ORF22	24
48779 (+)	ORF25, 26, 27	3	ORF27	34
54095 (+)	ORF28, 30, 31, 32, 33	5	ORF33	396
58875 (+)	ORF34, 35, 36, 37, 38	5	ORF38	2
62559 (+)	ORF40, 41	2	ORF41	115
67318 (+)	ORF44	1	ORF44	60
76738 (+)	ORF50, K8, K8.1	3	K8.1	43
78708 (+)	ORF54	1	ORF54	85
78777 (+)	ORF54	1	ORF54	154
83636 (+)	ORF56, 57	2	ORF57	92
111911 (+)	ORF63, 64	2	ORF64	4
117421 (+)	ORF68, 69	2	ORF69	75
130545 (+)	K14, ORF74, altRNA	3	ORF74	145
10572 (-)	N/A	0	N/A	N/A
17181 (-)	ORF2, K2	2	viL6	80
17227 (-)	ORF2, K2	2	viL6	34
18593 (-)	ORF70, K3	2	K3	15
21326 (-)	K4.2, K4.1, K4	3	K4	222
25547 (-)	K5	1	K5	166
26892 (-)	K6	1	K6	245
29376 (-)	N/A	0	vnct rep	N/A
29447 (-)	N/A	0	vntc rep	N/A
29516 (-)	N/A	0	vnct rep	N/A
29558 (-)	N/A	0	vntc rep	N/A
29615 (-)	N/A	0	vnct rep	N/A
30741 (-)	ORF17	1	ORF17	80
32518 (-)	ORF20, 19	2	ORF19	676
36119 (-)	N/A	0	N/A	N/A
39229 (-)	ORF24, 23	2	ORF23	73
49344 (-)	ORF29a, 29	2	ORF29	18
55654 (-)	N/A	0	N/A	N/A
58884 (-)	ORF39	1	ORF39	89
62410 (-)	ORF43, 42	2	ORF42	26
67323 (-)	ORF48, 47, 46, 45	4	ORF45	30
71615 (-)	asORF50S, ORF49	2	ORF49	15
73485 (-)	asORF50S	1	asORF50S	N/A
74635 (-)	N/A	0	N/A	N/A
76706 (-)	ORF53, 52	2	ORF52	96
78704 (-)	ORF55	1	ORF55	61
83787 (-)	K9	1	K9	73
83844 (-)	K9	1	K9 alt	16
86005 (-)	K10.1, K10	2	K10	69
89372 (-)	K10.6, K10.5	2	K10.5	228
89516 (-)	K10.6, K10.5	2	K10.5 alt	84
91750 (-)	K11.1, K11	2	K11	214
91873 (-)	K11.1, K11	2	K11 alt	91
94467 (-)	ORF62, 61, 60, 59, 58	5	ORF58	4
98274 (-)	ORF62	1	ORF62	1925
111807 (-)	ORF67, 66, 65	3	ORF65	124
117430 (-)	K12	1	K12	489
117868 (-)	K12	1	K12	51
118012 (-)	N/A	0	K12 internal	N/A
118032 (-)	N/A	0	K12 internal	N/A
118087 (-)	N/A	0	K12 internal	N/A
122069 (-)	ORF73, 12, K13	3	K13	76
130492 (-)	K15, ORF75	2	ORF75	59
	Median	2	Median	80

Table S3