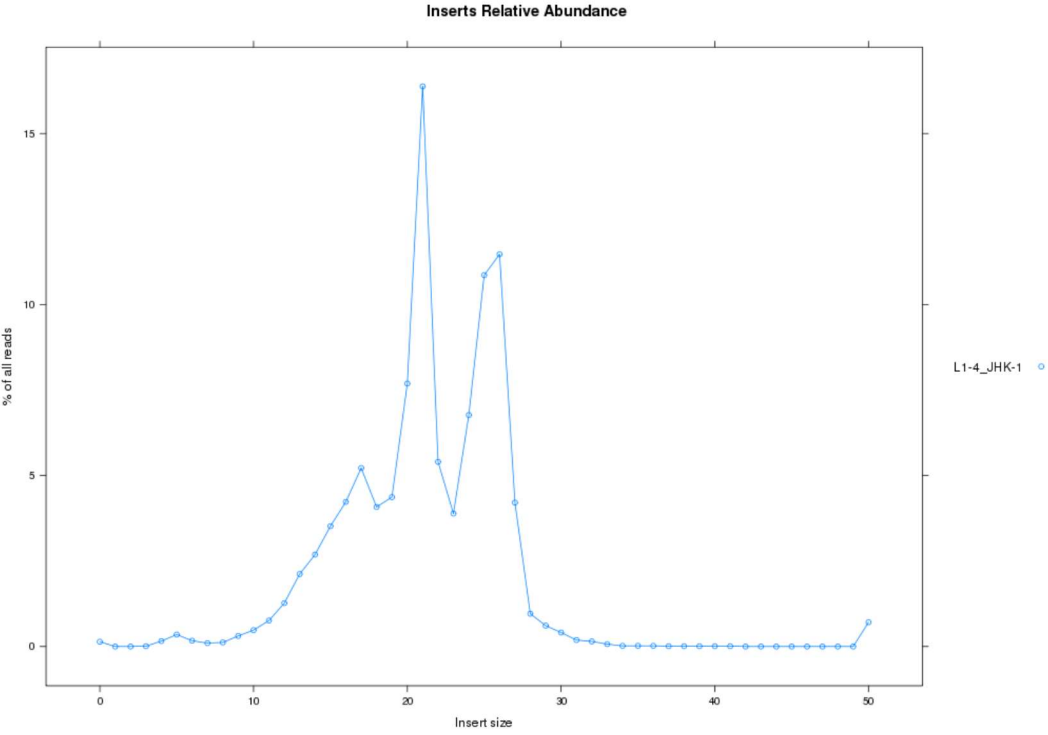


Figure S1. Amplification of the described bunyaviruses using dsRNA as template in the cDNA synthesis. 1-PcoNSRV2 (amplicon 511 bp), 2-PcoNSRV3 (amplicon 740 bp), 3-PcoNSRV1 (amplicon 983 bp), 4-PcoNSRV4 (amplicon 743 bp), 5-PcoNSRV11 (amplicon 623 bp), 6-PcoRV1 (amplicon 861 bp).

Figure S2. Graphical representation of the inserts in the small RNA library showing two main peaks at 21 and 25 nts.



SUPPLEMENTARY TABLES

Table S1. Primers used for viral presence confirmation and RACE

Name ^N	Virus	Sequence (5'- 3')	Position in genome	Amplicon size																																																																																												
			(5'-3')	(bp)																																																																																												
DN95_R	PcoRV1	GAGAACCAATACTCAGGAACCGT	2254-3114	861																																																																																												
DN95_F		ACAGTGGGCGTATTTCTGTAAGT			DN95_RACE_R_5'	PcoRV1	TCCGTCAGTAGCGCTACTCTGCCG	4862	989	DN95_RACE_F_3'	CGAGCATGGGAGGTGGTGGGATCT	894	894	DN789_F	PcoRV2	CAACCATTCTTGCACTTCAGGAG	3179-4108	930	DN789_R	TGAGATCGAGTTGCTTTCCAAGA	DN789_RACE_R_5'	PcoRV2	GCCAGGTACGTCCGACCGACTCTT	489	489	DN789_RACE_F_3'	CCCCCGAGCCCAACCCAGAACTAG	5628	613	DN6573_R	PcoNSRV1	AAAGCATTTGTGCGTATGGAACA	2310-3273	983	DN6573_F	ACCGAACACTCTTTCTGCAATTG	DN278_R	PcoNSRV2	TTCGGCCGTAAGTCTCTTGTTTA	4023-4533	511	DN278_F	TGGGAATACCGAACACTCTTGTT	DN157_R	PcoNSRV3	GCATATTGTACCTAACGTGCACC	1517-2256	740	DN157_F	TACACATAACGGGAAAGCTGAAA	DN32_g2_R	PcoNSRV4	CCAATGAGCTGGAATTCCGATTC	1947-2689	743	DN32_g2_F	GGGCAGCACAGACATCAAATATC	DN5725_R	PcoNSRV5	TCGAGCTCTTTCAAATGGAGGA	3290-3835	546	DN5725_F	GAAGGTCACACTTTTTAGTGCCC	DN3746_R	PcoNSRV6	TTCTCTTCAAGTGCCACTCTC	4527-5124	598	DN3746_F	GGACAGAGCAACGTTTCATATCG	DN7515_R	PcoNSRV7	AGCAAGTTCGGGTTCATTTTAG	3258-4219	961	DN7515_F	CAACAGATGTTACCTTTGCAGCA	DN143_R	PcoNSRV8	GCTCTTGTAAGACCTCTCAGA	1859-2506	648	DN143_F	GTTTGGCGCTGTATCATACTCCAC	DN43_g2_R	PcoNSRV9	CAAATCGCATTATTCTCCCCT	779-1651	873	DN43_g2_F	GACAGTAGACCAGGTAATAGGCCG	DN3737_R	PcoNSRV10	TCGACACACCTGCAAGATTTTC	1849-2804
DN95_RACE_R_5'	PcoRV1	TCCGTCAGTAGCGCTACTCTGCCG	4862	989																																																																																												
DN95_RACE_F_3'		CGAGCATGGGAGGTGGTGGGATCT	894	894																																																																																												
DN789_F	PcoRV2	CAACCATTCTTGCACTTCAGGAG	3179-4108	930																																																																																												
DN789_R		TGAGATCGAGTTGCTTTCCAAGA			DN789_RACE_R_5'	PcoRV2	GCCAGGTACGTCCGACCGACTCTT	489	489	DN789_RACE_F_3'	CCCCCGAGCCCAACCCAGAACTAG	5628	613	DN6573_R	PcoNSRV1	AAAGCATTTGTGCGTATGGAACA	2310-3273	983	DN6573_F	ACCGAACACTCTTTCTGCAATTG	DN278_R	PcoNSRV2	TTCGGCCGTAAGTCTCTTGTTTA	4023-4533	511	DN278_F	TGGGAATACCGAACACTCTTGTT	DN157_R	PcoNSRV3	GCATATTGTACCTAACGTGCACC	1517-2256	740	DN157_F	TACACATAACGGGAAAGCTGAAA	DN32_g2_R	PcoNSRV4	CCAATGAGCTGGAATTCCGATTC	1947-2689	743	DN32_g2_F	GGGCAGCACAGACATCAAATATC	DN5725_R	PcoNSRV5	TCGAGCTCTTTCAAATGGAGGA	3290-3835	546	DN5725_F	GAAGGTCACACTTTTTAGTGCCC	DN3746_R	PcoNSRV6	TTCTCTTCAAGTGCCACTCTC	4527-5124	598	DN3746_F	GGACAGAGCAACGTTTCATATCG	DN7515_R	PcoNSRV7	AGCAAGTTCGGGTTCATTTTAG	3258-4219	961	DN7515_F	CAACAGATGTTACCTTTGCAGCA	DN143_R	PcoNSRV8	GCTCTTGTAAGACCTCTCAGA	1859-2506	648	DN143_F	GTTTGGCGCTGTATCATACTCCAC	DN43_g2_R	PcoNSRV9	CAAATCGCATTATTCTCCCCT	779-1651	873	DN43_g2_F	GACAGTAGACCAGGTAATAGGCCG	DN3737_R	PcoNSRV10	TCGACACACCTGCAAGATTTTC	1849-2804	961	DN3737_F	AATGCTAAAGCTCTGGTCAGTGA													
DN789_RACE_R_5'	PcoRV2	GCCAGGTACGTCCGACCGACTCTT	489	489																																																																																												
DN789_RACE_F_3'		CCCCCGAGCCCAACCCAGAACTAG	5628	613																																																																																												
DN6573_R	PcoNSRV1	AAAGCATTTGTGCGTATGGAACA	2310-3273	983																																																																																												
DN6573_F		ACCGAACACTCTTTCTGCAATTG			DN278_R	PcoNSRV2	TTCGGCCGTAAGTCTCTTGTTTA	4023-4533	511	DN278_F	TGGGAATACCGAACACTCTTGTT	DN157_R	PcoNSRV3	GCATATTGTACCTAACGTGCACC	1517-2256	740	DN157_F	TACACATAACGGGAAAGCTGAAA	DN32_g2_R	PcoNSRV4	CCAATGAGCTGGAATTCCGATTC	1947-2689	743	DN32_g2_F	GGGCAGCACAGACATCAAATATC	DN5725_R	PcoNSRV5	TCGAGCTCTTTCAAATGGAGGA	3290-3835	546	DN5725_F	GAAGGTCACACTTTTTAGTGCCC	DN3746_R	PcoNSRV6	TTCTCTTCAAGTGCCACTCTC	4527-5124	598	DN3746_F	GGACAGAGCAACGTTTCATATCG	DN7515_R	PcoNSRV7	AGCAAGTTCGGGTTCATTTTAG	3258-4219	961	DN7515_F	CAACAGATGTTACCTTTGCAGCA	DN143_R	PcoNSRV8	GCTCTTGTAAGACCTCTCAGA	1859-2506	648	DN143_F	GTTTGGCGCTGTATCATACTCCAC	DN43_g2_R	PcoNSRV9	CAAATCGCATTATTCTCCCCT	779-1651	873	DN43_g2_F	GACAGTAGACCAGGTAATAGGCCG	DN3737_R	PcoNSRV10	TCGACACACCTGCAAGATTTTC	1849-2804	961	DN3737_F	AATGCTAAAGCTCTGGTCAGTGA																													
DN278_R	PcoNSRV2	TTCGGCCGTAAGTCTCTTGTTTA	4023-4533	511																																																																																												
DN278_F		TGGGAATACCGAACACTCTTGTT			DN157_R	PcoNSRV3	GCATATTGTACCTAACGTGCACC	1517-2256	740	DN157_F	TACACATAACGGGAAAGCTGAAA	DN32_g2_R	PcoNSRV4	CCAATGAGCTGGAATTCCGATTC	1947-2689	743	DN32_g2_F	GGGCAGCACAGACATCAAATATC	DN5725_R	PcoNSRV5	TCGAGCTCTTTCAAATGGAGGA	3290-3835	546	DN5725_F	GAAGGTCACACTTTTTAGTGCCC	DN3746_R	PcoNSRV6	TTCTCTTCAAGTGCCACTCTC	4527-5124	598	DN3746_F	GGACAGAGCAACGTTTCATATCG	DN7515_R	PcoNSRV7	AGCAAGTTCGGGTTCATTTTAG	3258-4219	961	DN7515_F	CAACAGATGTTACCTTTGCAGCA	DN143_R	PcoNSRV8	GCTCTTGTAAGACCTCTCAGA	1859-2506	648	DN143_F	GTTTGGCGCTGTATCATACTCCAC	DN43_g2_R	PcoNSRV9	CAAATCGCATTATTCTCCCCT	779-1651	873	DN43_g2_F	GACAGTAGACCAGGTAATAGGCCG	DN3737_R	PcoNSRV10	TCGACACACCTGCAAGATTTTC	1849-2804	961	DN3737_F	AATGCTAAAGCTCTGGTCAGTGA																																				
DN157_R	PcoNSRV3	GCATATTGTACCTAACGTGCACC	1517-2256	740																																																																																												
DN157_F		TACACATAACGGGAAAGCTGAAA			DN32_g2_R	PcoNSRV4	CCAATGAGCTGGAATTCCGATTC	1947-2689	743	DN32_g2_F	GGGCAGCACAGACATCAAATATC	DN5725_R	PcoNSRV5	TCGAGCTCTTTCAAATGGAGGA	3290-3835	546	DN5725_F	GAAGGTCACACTTTTTAGTGCCC	DN3746_R	PcoNSRV6	TTCTCTTCAAGTGCCACTCTC	4527-5124	598	DN3746_F	GGACAGAGCAACGTTTCATATCG	DN7515_R	PcoNSRV7	AGCAAGTTCGGGTTCATTTTAG	3258-4219	961	DN7515_F	CAACAGATGTTACCTTTGCAGCA	DN143_R	PcoNSRV8	GCTCTTGTAAGACCTCTCAGA	1859-2506	648	DN143_F	GTTTGGCGCTGTATCATACTCCAC	DN43_g2_R	PcoNSRV9	CAAATCGCATTATTCTCCCCT	779-1651	873	DN43_g2_F	GACAGTAGACCAGGTAATAGGCCG	DN3737_R	PcoNSRV10	TCGACACACCTGCAAGATTTTC	1849-2804	961	DN3737_F	AATGCTAAAGCTCTGGTCAGTGA																																											
DN32_g2_R	PcoNSRV4	CCAATGAGCTGGAATTCCGATTC	1947-2689	743																																																																																												
DN32_g2_F		GGGCAGCACAGACATCAAATATC			DN5725_R	PcoNSRV5	TCGAGCTCTTTCAAATGGAGGA	3290-3835	546	DN5725_F	GAAGGTCACACTTTTTAGTGCCC	DN3746_R	PcoNSRV6	TTCTCTTCAAGTGCCACTCTC	4527-5124	598	DN3746_F	GGACAGAGCAACGTTTCATATCG	DN7515_R	PcoNSRV7	AGCAAGTTCGGGTTCATTTTAG	3258-4219	961	DN7515_F	CAACAGATGTTACCTTTGCAGCA	DN143_R	PcoNSRV8	GCTCTTGTAAGACCTCTCAGA	1859-2506	648	DN143_F	GTTTGGCGCTGTATCATACTCCAC	DN43_g2_R	PcoNSRV9	CAAATCGCATTATTCTCCCCT	779-1651	873	DN43_g2_F	GACAGTAGACCAGGTAATAGGCCG	DN3737_R	PcoNSRV10	TCGACACACCTGCAAGATTTTC	1849-2804	961	DN3737_F	AATGCTAAAGCTCTGGTCAGTGA																																																		
DN5725_R	PcoNSRV5	TCGAGCTCTTTCAAATGGAGGA	3290-3835	546																																																																																												
DN5725_F		GAAGGTCACACTTTTTAGTGCCC			DN3746_R	PcoNSRV6	TTCTCTTCAAGTGCCACTCTC	4527-5124	598	DN3746_F	GGACAGAGCAACGTTTCATATCG	DN7515_R	PcoNSRV7	AGCAAGTTCGGGTTCATTTTAG	3258-4219	961	DN7515_F	CAACAGATGTTACCTTTGCAGCA	DN143_R	PcoNSRV8	GCTCTTGTAAGACCTCTCAGA	1859-2506	648	DN143_F	GTTTGGCGCTGTATCATACTCCAC	DN43_g2_R	PcoNSRV9	CAAATCGCATTATTCTCCCCT	779-1651	873	DN43_g2_F	GACAGTAGACCAGGTAATAGGCCG	DN3737_R	PcoNSRV10	TCGACACACCTGCAAGATTTTC	1849-2804	961	DN3737_F	AATGCTAAAGCTCTGGTCAGTGA																																																									
DN3746_R	PcoNSRV6	TTCTCTTCAAGTGCCACTCTC	4527-5124	598																																																																																												
DN3746_F		GGACAGAGCAACGTTTCATATCG			DN7515_R	PcoNSRV7	AGCAAGTTCGGGTTCATTTTAG	3258-4219	961	DN7515_F	CAACAGATGTTACCTTTGCAGCA	DN143_R	PcoNSRV8	GCTCTTGTAAGACCTCTCAGA	1859-2506	648	DN143_F	GTTTGGCGCTGTATCATACTCCAC	DN43_g2_R	PcoNSRV9	CAAATCGCATTATTCTCCCCT	779-1651	873	DN43_g2_F	GACAGTAGACCAGGTAATAGGCCG	DN3737_R	PcoNSRV10	TCGACACACCTGCAAGATTTTC	1849-2804	961	DN3737_F	AATGCTAAAGCTCTGGTCAGTGA																																																																
DN7515_R	PcoNSRV7	AGCAAGTTCGGGTTCATTTTAG	3258-4219	961																																																																																												
DN7515_F		CAACAGATGTTACCTTTGCAGCA			DN143_R	PcoNSRV8	GCTCTTGTAAGACCTCTCAGA	1859-2506	648	DN143_F	GTTTGGCGCTGTATCATACTCCAC	DN43_g2_R	PcoNSRV9	CAAATCGCATTATTCTCCCCT	779-1651	873	DN43_g2_F	GACAGTAGACCAGGTAATAGGCCG	DN3737_R	PcoNSRV10	TCGACACACCTGCAAGATTTTC	1849-2804	961	DN3737_F	AATGCTAAAGCTCTGGTCAGTGA																																																																							
DN143_R	PcoNSRV8	GCTCTTGTAAGACCTCTCAGA	1859-2506	648																																																																																												
DN143_F		GTTTGGCGCTGTATCATACTCCAC			DN43_g2_R	PcoNSRV9	CAAATCGCATTATTCTCCCCT	779-1651	873	DN43_g2_F	GACAGTAGACCAGGTAATAGGCCG	DN3737_R	PcoNSRV10	TCGACACACCTGCAAGATTTTC	1849-2804	961	DN3737_F	AATGCTAAAGCTCTGGTCAGTGA																																																																														
DN43_g2_R	PcoNSRV9	CAAATCGCATTATTCTCCCCT	779-1651	873																																																																																												
DN43_g2_F		GACAGTAGACCAGGTAATAGGCCG			DN3737_R	PcoNSRV10	TCGACACACCTGCAAGATTTTC	1849-2804	961	DN3737_F	AATGCTAAAGCTCTGGTCAGTGA																																																																																					
DN3737_R	PcoNSRV10	TCGACACACCTGCAAGATTTTC	1849-2804	961																																																																																												
DN3737_F		AATGCTAAAGCTCTGGTCAGTGA																																																																																														

DN34_g1_i1_R	PcoNSRV11	CTACCCAAGACATATACACGCGA	6751-7373	623
DN34_g1_i1_F		CTGTTGAGCCTTAATCATCGCTG		
DN47_RE	PcoNSRV12	GGTTTGGGGCTTAATGATGACAAA	3903-4540	638
DN47_FW		CTGTGTACCAACCATTACCTGAGA		
DN32_g1_R	PcoNSRV13	ACACCAAAAATTGACGAGCTTCTG	4382-5209	828
DN32_g1_F		TTGCTGCATCTTTGACACTTGAG		

^NCorresponding contig sequence obtained in TRINITY.

Table S2. Size distribution of small RNA inserts from *Phytophthora condilina* isolate BD661

Insert range	0	1-17	18-26	27-50
reads	67,327	10,344,387	34,109,189	3,575,124
% reads	0.14	21.51	70.92	7.43

Table S3. Pairwise identities of the bunyavirus sequences at nucleotide level. Distances are based on the MUSCLE alignment of all the 13 sequences, which had 11,040 sites.

	PcoNS RV3	PcoNSR V12	PcoNSR V10	PcoNS RV8	PcoNS RV5	PcoNS RV1	PcoNS RV2	PcoNS RV9	PcoNS RV6	PcoNSR V13	PcoNS RV4	PcoNSR V11
PcoNSR V12	20.31											
PcoNSR V10	20.40	38.02										
PcoNSR V8	20.83	38.03	44.57									
PcoNSR V5	20.35	38.05	44.66	51.46								
PcoNSR V1	17.87	21.23	24.12	22.90	22.91							
PcoNSR V2	20.39	25.48	27.45	28.00	27.71	27.43						
PcoNSR V9	20.78	26.49	29.24	29.30	29.21	27.52	32.14					
PcoNSR V6	21.08	26.46	29.14	29.05	28.64	27.02	31.31	53.21				
PcoNSR V13	21.02	27.36	29.45	29.53	28.95	26.81	31.92	38.46	37.68			
PcoNSR V4	20.25	27.17	29.25	28.94	28.81	27.56	32.41	39.29	38.09	44.95		
PcoNSR V11	21.13	27.81	29.76	29.25	29.42	27.24	32.12	39.27	39.19	42.92	45.27	
PcoNSR V7	21.85	28.02	29.75	29.72	29.87	27.30	33.46	39.07	38.81	42.90	44.24	49.10

Table S4. Pairwise identities of the bunyavirus sequences at protein level. Distances are based on the MUSCLE alignment of all the 13 sequences, which had 3,689 sites

	PcoNSR V2	PcoNSR V3	PcoNSR V1	PcoNSR V9	PcoNSR V6	PcoNSR V13	PcoNSR V4	PcoNSR V11	PcoNSR V7	PcoNSR V12	PcoNSR V10	PcoNSR V8
PcoNSR V3	6.20											
PcoNSR V1	8.27	6.48										
PcoNSR V9	10.51	8.80	10.82									
PcoNSR V6	10.33	8.50	10.19	45.12								
PcoNSR V13	10.23	8.49	10.65	24.91	24.44							
PcoNSR V4	10.84	8.67	10.87	26.11	24.12	32.63						
PcoNSR V11	10.17	8.52	10.80	25.45	25.38	29.94	32.81					
PcoNSR V7	10.50	9.26	10.28	25.53	25.11	29.87	32.78	36.62				
PcoNSR V12	9.16	7.59	11.32	13.61	14.13	12.87	12.79	12.80	13.32			
PcoNSR V10	9.78	8.46	11.73	14.73	14.29	14.08	13.13	14.12	14.41	26.68		
PcoNSR V8	10.64	8.69	10.87	15.07	15.03	14.85	14.74	15.71	15.23	26.55	30.28	
PcoNSR V5	10.64	8.23	10.59	15.58	14.63	14.18	14.21	15.52	14.54	26.44	30.77	41.83