

Supplementary table 1: Species composition and feeding rates on honey-baited FTA cards in peri-urban and rural biotopes from the Llobregat River Delta.

MOSQUITO SPECIES	PERI-URBAN			RURAL			TOTAL
	Total captured	No. of Pools	Blue Abdomen (%)	Total captured	No. of Pools	Blue Abdomen (%)	
<i>Aedes albopictus</i>	0	0	0/0 (0)	20	10	12/20 (60.0)	20
<i>Aedes caspius</i>	48	5	11/48 (22.9)	244	19	41/244 (16.8)	292
<i>Aedes detritus</i>	0	0	0/0 (0)	2	1	0/0 (0)	2
<i>Coquillettidia richiardii</i>	0	0	0/0 (0)	11	5	8/11 (72.7)	11
<i>Culex pipiens</i>	600	31	116/600 (19.3)	155	22	73/155 (47.1)	755

Supplementary table 2: Viral taxonomic assignments of assembled sequences associated to FTA cards linked to mosquito species during entomological surveys in Catalonia. Viral identities are expressed as protein and the taxonomic assignment refers to the virus/common ancestor of the best hits for all the contigs/singletons with the same score. Viral abundance was obtained by summing the length (in nucleotides) of all sequences being associated to this taxon, weighted by the *k-mer* coverage of each contig.

Order	Family	Genus	Best hit	Peri-urban		Rural		Host		
				% Identity (aa)	Abundance (nt)	% Identity (aa)	Abundance (nt)			
ssRNA+	Picornavirales	Dicistroviridae	Aparavirus	Kashmir bee virus	52-100%	3476802	55-100%	4231521	Hymenoptera	
				Israeli acute paralysis virus	-	-	56-95%	123149	Hymenoptera	
				Acute bee paralysis virus	69-75%	37594	64-100%	13317	Hymenoptera	
			Triatovirus	unassigned <i>Aparavirus</i>	83-100%	221821	86-100%	378477		
				Black queen cell virus	46-100%	1612911	63-100%	2224831	Hymenoptera	
				<i>Triatoma</i> virus	-	-	52-76%	5666	Hemiptera	
			Cripavirus	Aphid lethal paralysis virus	66-100%	104687	67-100%	55235	Hymenoptera	
				<i>Rhopalosiphum padi</i> virus	-	-	92-100%	2607	Hemiptera	
			Unclassified	Human blood associates <i>Dicistroviridae</i>	51-88%	30762	74%	1914	<i>Homo sapiens</i>	
				Blackberry virus Z	-	-	66-68%	939	Plant	
		Bivalve RNA virus G5		38%	23460	-	-	Mollusca		
		<i>Formica exsecta</i> virus 1		-	-	75-76%	354	Hymenoptera		
		unassigned <i>Dicistroviridae</i>		73-100%	17978	80-100%	26396	-		
		Iflaviridae		Iflavirus	Deformed wing virus	66-100%	2468142	64-100%	1886897	Hymenoptera
					<i>Formica exsecta</i> virus 2	-	-	43%	15081	Hymenoptera
				Sacbrood virus	53-100%	361302	51-100%	593255	Hymenoptera	
			unassigned <i>Iflavirus</i>	28-100%	739318	72-100%	740894	-		
		Unclassified	Culex iflavi-like virus 4	97-100%	168154	71-100%	1009175	<i>Culex</i> sp.		
			Culex iflavi-like virus 3	48-74%	6342	-	-	<i>Culex</i> sp.		
			<i>Tribolium castaneum</i> iflavirus	40%	42696	28-73%	31272	Coleoptera		
			<i>Pityohyphantes rubrofasciatus</i> iflavirus	-	-	55-87%	14170	Arachnida		
			other unclassified <i>Iflaviridae</i>	70-100%	9183	41-100%	5583	-		
			Secoviridae	Nepovirus	Red clover nepovirus A	-	-	62%	17857	Plant
		<i>Arabis</i> mosaic virus			61-100%	2294	96-100%	2227	Plant	
		Grapevine Bulgarian latent virus			-	-	81-90%	966	Plant	

			Grapevine chrome mosaic virus	-	-	43-75%	828	Plant
			unassigned <i>Nepovirus</i>	-	-	56-93%	8998	-
		<i>Fabavirus</i>	Prunus virus F	-	-	61%	141	Plant
	<i>Polycipiviridae</i>	unclassified	<i>Linepithema humile</i> polycipivirus 2	100%	600	-	-	Hymenoptera
	<i>Picornaviridae</i>	<i>Enterovirus</i>	Rhinovirus C	-	-	98-100%	441	<i>Homo sapiens</i>
		<i>Sapelovirus</i>	Sapelovirus A	55-100%	579	-	-	Vertebrates
	Unclassified		<i>Culex</i> picorna-like virus 1	77-100%	102979	64-100%	806998	<i>Culex</i> sp.
	<i>Picornavirales</i>							
			Bundaberg bee virus 6	-	-	50-88%	7355	Hymenoptera
			Bundaberg bee virus 2	53-93%	92769	52-96%	6140	Hymenoptera
			Victoria bee virus 1	53-100%	74634	77-100%	6562	Hymenoptera
			Victoria bee virus 2	55-100%	12927	58-100%	6298	Hymenoptera
			Hobart bee virus 1	-	-	48-97%	4653	Hymenoptera
			Darwin bee virus 7	-	-	83-100%	5554	Hymenoptera
			Darwin bee virus 3	44-95%	35457	44-80%	13695	Hymenoptera
			unassigned <i>Picornavirales</i>	33-100%	68703	49-100%	1299417	-
<i>Nidovirales</i>	<i>Mesoniviridae</i>	<i>Alphamesonivirus</i>	Alphamesonivirus 1	60-100%	22590	53-100%	3606196	Mosquitoes
			Alphamesonivirus 2/ Karang Sari virus	-	-	51-86%	4092	<i>Culex</i> sp.
			Alphamesonivirus 3/ Dak Nong virus	-	-	70-89%	1770	<i>Culex</i> sp.
			Alphamesonivirus 4/ Casuarina virus	-	-	59-100%	2289	<i>Coquillettidia</i>
			Alphamesonivirus 5/ Hanalivirus	-	-	55-100%	11157	<i>Culex</i> sp.
			Alphamesonivirus 8/ Nse virus	-	-	86%	750	<i>Culex</i> sp.
			Alphamesonivirus 9/ Meno virus	-	-	56-81%	7770	<i>Uranotaenia</i>
			unassigned <i>Alphamesonivirus</i>	69-100%	2118	65-100%	77128	-
		unclassified	Dianke virus	74-100%	22939	-	-	Rodentia
			unassigned <i>Mesoniviridae</i>	98-100%	4364	-	-	-
	unclassified	-	-	-	-	90-100%	538375	-
	<i>Nidovirales</i>							
<i>Tymovirales</i>	<i>Tymoviridae</i>	<i>Marafivirus</i>	Grapevine rupestris vein feathering virus	56-88%	53914	77-84%	7359	Plant
			Olive latent virus 3	68%	23922	-	-	Plant
			Citrus sudden death-associated virus	52-83%	55460	-	-	Plant
		<i>Maculavirus</i>	Bee macula-like virus 2	36-73%	266050	-	-	Hymenoptera
			Grapevine red globe virus	41-85%	371176	-	-	Plant
			<i>Culex</i> originated <i>Tymoviridae</i> -like virus	40-51%	644699	-	-	<i>Culex</i> sp.
			Grapevine fleck virus	53%	13259	-	-	Plant

			Fig fleck-associated virus	48%	7344	-	-	Plant	
		<i>Tymovirus</i>	<i>Erysimum</i> latent virus	47-76%	74318	-	-	Plant	
			unclassified <i>Tymovirus</i>	50-88%	1032	-	-	-	
		unclassified	Bee macula-like virus	44-61%	9155	-	-	Hymenoptera	
			<i>Varroa</i> tymo-like virus	66-68%	462	-	-	Arachnida	
			Naranjilla chlorotic mosaic virus	47-67%	10488	-	-	Plant	
			unassigned <i>Tymoviridae</i>	41-67%	75753	-	-	-	
	<i>Alphaflexiviridae</i>	<i>Potexvirus</i>	Pepino mosaic virus	69-100%	1957	70-100%	1881	Plant	
			White clover mosaic virus	-	-	96-100%	333	Plant	
	<i>Betaflexiviridae</i>	<i>Prunovirus</i>	<i>Caucasus prunus</i> virus	-	-	75-91%	576	Plant	
		<i>Carlavirus</i>	Narine latent virus	-	-	70-96%	306	Plant	
	unclassified		Bat tymo-like virus	41-88%	38435	-	-	Vertebrate	
	<i>Tymovirales</i>		other unclassified <i>Tymovirales</i>	54-94%	756	-	-	-	
-		<i>Flaviviridae</i>	<i>Flavivirus</i>	Quang Binh virus	-	-	55%	135	<i>Culex</i> sp.
			Calbertado virus	47-86%	10176	-	-	<i>Culex</i> sp.	
			West Nile virus	59-92%	672	-	-	Invertebrates/vertebrates	
			Meaban virus	72-100%	600	-	-	Invertebrates/vertebrates	
		Unclassified	Xishuangbanna <i>Aedes</i> flavivirus	-	-	81%	282	<i>Aedes</i>	
			Karumba virus	49%	96687	-	-	<i>Anopheles</i>	
			unassigned <i>Flaviviridae</i>	-	-	66-83%	204	-	
-		<i>Virgaviridae</i>	<i>Hordeivirus</i>	<i>Lychnis</i> ringspot virus	49-97%	46711	45-82%	17047	Plant
			<i>Tobamovirus</i>	unclassified <i>Tobamovirus</i>	78-100%	6443	73-98%	19826	-
-		<i>Narnaviridae</i>	<i>Narnavirus</i>	<i>Fusarium poae</i> narnavirus 2	-	-	50-64%	7859	Fungi
			<i>Aspergillus fumigatus</i> narnavirus 2	-	-	68-88%	4930	Fungi	
			<i>Aspergillus fumigatus</i> narnavirus 1	-	-	63%	2614	Fungi	
		<i>Mitovirus</i>	<i>Sclerotinia sclerotiorum</i> mitovirus 27	49-57%	1688	-	-	Fungi	
			<i>Rhizoctonia solani</i> mitovirus 6	60-67%	1677	-	-	Fungi	
			<i>Erysiphe necator</i> mitovirus 3	58-75%	1599	-	-	Fungi	
			<i>Ambrosia artemisiifolia</i> mitovirus 1	45-70%	2482	-	-	Plant	
			unclassified <i>Mitovirus</i>	-	-	45-87%	1428	-	
		unclassified	<i>Phomopsis longicolla</i> RNA virus 1	58-74%	396	-	-	Fungi	
			other unclassified <i>Narnaviridae</i>	48-97%	4724	-	-	-	
-		<i>Sinaivirus</i>	Lake Sinai virus 1	90-91%	4183	94-100%	11620	Hymenoptera	

				Lake Sinai virus	61-100%	4528	-	-	Hymenoptera
			<i>Ourmiavirus</i>	<i>Rhizoctonia solani</i> ourmia-like virus 1 RNA 1	-	-	56-62%	924	Fungi
				<i>Magnaporthe oryzae</i> ourmia-like virus	52-69%	576	-	-	Fungi
			<i>Negevirus</i>	Dezidougou virus	85-100%	1424472	87-100%	9366	<i>Aedes</i>
				Negevirus nona 1	49-95%	190830	-	-	<i>Aedes</i>
		<i>Luteoviridae</i>	<i>Polerovirus</i>	Cucurbit aphid-borne yellows virus	64-98%	735	-	-	Plant
			Unclassified	Culex-associated luteo-like virus	-	-	67-100%	3285	<i>Culex</i> sp.
		<i>Potyviridae</i>	<i>Ipomovirus</i>	Cucumber vein yellowing virus	-	-	100%	588	Plant
			<i>Potyvirus</i>	Potato virus Y	89-98%	303	-	-	Plant
		<i>Solemoviridae</i>	<i>Sobemovirus</i>	Sowbane mosaic virus	-	-	98-100%	444	Plant
			Unclassified	Bat sobemovirus	-	-	60-100%	1917	Vertebrate
		<i>Closteroviridae</i>	<i>Closterovirus</i>	Citrus tristeza virus	62-96%	342	75-99%	4164	Plant
		<i>Tombusviridae</i>	<i>Umbravirus</i>	<i>Sclerotinia sclerotiorum</i> umbra-like virus 3	-	-	63%	2220	Fungi
			Unclassified	Culex-associated tombus-like virus unassigned <i>Tombusviridae</i>	-	-	94-100%	777	<i>Culex</i> sp.
				unassigned <i>Tombusviridae</i>	65-100%	837	-	-	-
		<i>Bromoviridae</i>	<i>Ilarvirus</i>	<i>Ageratum</i> latent virus	-	-	90-95%	1269	Plant
				<i>Parietaria</i> mottle virus	-	-	80-93%	1203	Plant
				<i>Fragaria chiloensis</i> latent virus	-	-	63-75%	1143	Plant
				unassigned <i>Ilarvirus</i>	-	-	74	292	-
				Tomato necrotic spot virus	80%	6906	-	-	Plant
			<i>Alfamovirus</i>	Alfalfa mosaic virus	-	-	86-98%	405	Plant
			<i>Anulavirus</i>	<i>Pelargonium zonate</i> spot virus	39-92%	18444	-	-	Plant
		<i>Nodaviridae</i>	<i>Alphanodavirus</i>	Pariacoto virus	51-53%	2238	-	-	Lepidoptera
				unassigned <i>Alphanodavirus</i>	-	-	85-87%	1262	-
			<i>Betanodavirus</i>	Wuhan nodavirus	-	-	63%	147	Lepidoptera
			Unclassified	Culex mosquito virus 1	-	-	81-100%	1709	<i>Culex</i> sp.
				Culex mosquito virus 4	91-100%	3651	-	-	<i>Culex</i> sp.
				Culex Hubei-like virus	85-100%	5142	-	-	<i>Culex</i> sp.
				other unclassified <i>Nodaviridae</i>	50-100%	6063	75-100%	765	-
		Unclassified ssRNA+	-	HVAC-associated RNA virus 1	-	-	48-76%	154674	Environmental/ human
				<i>Culex pipiens</i> associated Tunisia virus	96-100%	11319	75-100%	3924	<i>Culex</i> sp.
				Chronic bee paralysis virus	-	-	83-100%	7300	Hymenoptera
				other unclassified ssRNA+ viruses	50-100%	5807	44-100%	12887	-
ssRNA-	<i>Bunyavirales</i>	<i>Peribunyaviridae</i>	Unclassified	Seattle Prectang virus	-	-	38-56%	5358	Lepidoptera

			<i>Apis</i> bunyavirus 2	-	-	46-65%	2900	Hymenoptera
			Ganda bee virus	35-95%	174507	60-66%	660	Hymenoptera
		<i>Orthobunyavirus</i>	Buttonwillow virus	-	-	61-69%	294	Culicoides/vertebrate
	<i>Phasmaviridae</i>	<i>Orthophasmavirus</i>	Wuchang cockroach virus 1	50%	114	39-80%	13185	Blattodea
		<i>Inshuvirus</i>	Shuangao insect virus 2	-	-	77-91%	1623	Lepidoptera
	<i>Phenuiviridae</i>	<i>Phasivirus</i>	Phasi Charoen-like phasivirus	-	-	58-77%	690	<i>Aedes</i>
		<i>Phlebovirus</i>	Laurel Lake virus	-	-	54%	373	Arachnida
		<i>Goukovirus</i>	Cumuto virus	-	-	61%	123	<i>Culex</i> sp.
		<i>Hudovirus</i>	Hubei lepidoptera virus 1	86%	132	-	-	Lepidoptera
		Unclassified	Citrus concave gum-associated virus	-	-	46%	428	Plant
	Unclassified	<i>Bunyavirales</i>	<i>Bunyaviridae</i> environmental sample	95-98%	294	48-99%	335292	<i>Culex</i> sp.
			<i>Culex</i> bunya-like virus	85-100%	1806	47-100%	289007	<i>Culex</i> sp.
			Yongsan bunyavirus 1	46%	135	-	-	<i>Aedes</i>
			unassigned <i>Bunyavirales</i>	-	-	73-100%	213787	-
	<i>Articulavirales</i>	<i>Orthomyxoviridae</i>	<i>Quaranjavirus</i>					
			Jingshan fly virus 1	-	-	49-80%	8938	<i>Muscidae</i>
			Wuhan mosquito virus 5	-	-	50%	5460	<i>Culex</i> sp.
			Wuhan mosquito virus 6	72-100%	9480	45-87%	7813	<i>Culex</i> sp.
			Wuhan mosquito virus 7	53-100%	43351	-	-	<i>Anopheles</i>
			other unclassified <i>Quaranjavirus</i>	-	-	60-100%	618	-
		Unclassified	<i>Photinus pyralis</i> orthomyxo-like virus 1	-	-	27%	4445	Coleoptera
			<i>Photinus pyralis</i> orthomyxo-like virus 2	-	-	38%	7165	Coleoptera
	<i>Mononegavirales</i>	<i>Rhabdoviridae</i>	<i>Hapavirus</i>					
			Joinjakaka virus	-	-	54-68%	276	<i>Culicinae</i> sp.
			Marco virus	54-60%	453	-	-	Vertebrate
		<i>Ephemerovirus</i>	Yata virus	-	-	51%	147	<i>Mansonia</i>
			Obodhiang virus	55-72%	414	-	-	<i>Mansonia</i>
		<i>Ledantevirus</i>	Keuraliba virus	-	-	65%	123	Rodentia
			Kern Canyon virus	48-52%	309	-	-	Chiroptera/vertebrate
			<i>Sigmavirus</i>	61-82%	1107	-	-	-
			<i>Tibrovirus</i>	60-76%	693	-	-	Culicoides
		unclassified	unclassified <i>Rhabdoviridae</i>	-	-	68-72%	1194	-
			<i>Apis</i> rhabdovirus 1	45-100%	1719	-	-	Hymenoptera
	unclassified	<i>Anphevirus</i>	<i>Aedes</i> anphevirus	68%	135	68%	144	<i>Aedes</i>

		unclassified <i>Mononegavirales</i>	unassigned <i>Mononegavirales</i>	58-77%	237	-	-	-
	<i>Jingchuvirales</i>	<i>Chuviridae</i>	<i>Mivirus</i>					
		unclassified ssRNA-	Wuhan louse fly virus 6	-	-	56-81%	3844	<i>Hippoboscidae</i>
			Wuhan louse fly virus 2	-	-	55%	348	<i>Hippoboscoidea</i>
			Wuhan louse fly virus 11	61%	126	-	-	<i>Hippoboscidae</i>
			other unclassified ssRNA- viruses	-	-	76%	552	-
dsRNA	<i>Partitiviridae</i>	<i>Alphapartitivirus</i>	Pear alphapartitivirus	74-98%	26487	53-98%	299705	Plant
			<i>Medicago sativa</i> alphapartitivirus 1	52-100%	14146	-	-	Plant
			<i>Helicobasidium mompa</i> partitivirus V1-1	-	-	59-86%	67113	Fungi
			unclassified <i>Alphapartitivirus</i>	-	-	75-98%	10637	-
		<i>Betapartitivirus</i>	White clover cryptic virus 2	73-100%	2880	82-100%	159048	Plant
			Crimson clover cryptic virus 2	77-100%	3459	56-100%	50325	Plant
			<i>Pleurotus ostreatus</i> virus 1	-	-	61-80%	8364	Fungi
			unclassified <i>Betapartitivirus</i>	52-100%	4341	92%	11143	-
		<i>Deltapartitivirus</i>	Spinach deltapartitivirus 1	69-86%	21810	57-92%	6453	Plant
			Pepper cryptic virus 2	53-77%	3828	56-77%	3384	Plant
			Fig cryptic virus	59-84%	9072	63-80%	4075	Plant
			Beet cryptic virus 2	70-84%	4311	64-82%	2193	Plant
			Pepper cryptic virus 1	-	-	60-89%	3693	Plant
			unclassified <i>Deltapartitivirus</i>	56-96%	2817	72-77%	2465	-
		<i>Gammapartitivirus</i>	<i>Fusarium solani</i> virus 1	61-87%	1107	-	-	Fungi
			<i>Ophiostoma</i> partitivirus 1	-	-	94-96%	357	Fungi
		unclassified	Rose partitivirus	65-97%	7961	55-100%	321156	Plant
			<i>Pittosporum</i> cryptic virus-1	57-96%	5668	-	-	Plant
			<i>Raphanus sativus</i> cryptic virus 3	48-85%	3687	-	-	Plant
			Persimmon cryptic virus	67-79%	3063	-	-	Plant
			<i>Linepithema humile</i> partiti-like virus 1	-	-	69-100%	195870	Hymenoptera
			<i>Podosphaera prunicola</i> partitivirus 4	-	-	44-78%	25768	Fungi
			other unclassified <i>Partitiviridae</i>	46-100%	13507	49-100%	79693	-
	<i>Totiviridae</i>	<i>Totivirus</i>	<i>Saccharomyces cerevisiae</i> virus L-A-lus	-	-	47-90%	887016	Fungi
			<i>Saccharomyces cerevisiae</i> virus L-A	49-87%	8727	-	-	Fungi
			<i>Scheffersomyces segobiensis</i> virus L	51-92%	2439	36-88%	42633	Fungi
			unclassified <i>Totivirus</i>	52-89%	1191	49-68%	3183	-
		unclassified	<i>Pterostylis sanguinea</i> totivirus A	54-95%	3489	66-97%	268125	Plant
			<i>Saccharomyces kudriavzevii</i> virus L-A-1082	64-96%	3120	46-100%	45147	Fungi

		<i>Saccharomyces paradoxus</i> virus L-A-4650	-	-	53-56%	25000	Fungi
		<i>Saccharomyces paradoxus</i> virus L-A-45	42-89%	11412	47-85%	9434	Fungi
		<i>Saccharomyces kudriavzevii</i> virus L-A1	-	-	60-74%	7425	Fungi
		<i>Saccharomyces uvarum</i> virus L-A-10560	-	-	55-78%	3957	Fungi
		<i>Camponotus nipponicus</i> virus	29%	11361	-	-	Hymenoptera
		<i>Camponotus yamaokai</i> virus	56%	3780	-	-	Hymenoptera
		other unclassified <i>Totiviridae</i>	41-97%	19816	55-71%	19494	-
<i>Endornaviridae</i>	<i>Alphaendornavirus</i>	<i>Phaseolus vulgaris</i> alphaendornavirus 2	42-73%	13314	38-78%	10353	Plant
		<i>Helianthus annuus</i> alphaendornavirus	54%	3996	-	-	Plant
		<i>Persea americana</i> alphaendornavirus 1	-	-	54-100%	16536	Plant
		Bell pepper alphaendornavirus	41-100%	3693	-	-	Plant
		Grapevine endophyte alphaendornavirus	68-100%	3648	-	-	Plant
		Winged bean alphaendornavirus 1	36-90%	7604	46-88%	4077	Plant
		unclassified <i>Alphaendornavirus</i>	34-100%	7899	42-100%	7716	-
	unclassified	<i>Phaseolus vulgaris</i> endornavirus 3	64-87%	2377	62-83%	3714	Plant
		<i>Ceratobasidium</i> endornavirus G	43%	2133	-	-	Fungi
		<i>Rhizoctonia solani</i> endornavirus 1	60%	1881	-	-	Fungi
		other unclassified <i>Endornaviridae</i>	47-95%	1125	-	-	-
<i>Picobirnaviridae</i>	unclassified	unclassified <i>Picobirnaviridae</i>	60-87%	2550	48-100%	15021	-
<i>Chrysoviridae</i>	<i>Chrysovirus</i>	<i>Persea americana</i> chrysovirus	86-100%	1023	57-100%	1607	Plant
<i>Hypoviridae</i>	unclassified	<i>Sclerotinia sclerotiorum</i> hypovirus 3	-	-	76-100%	1170	Fungi
		unclassified <i>Hypoviridae</i>	92-100%	597	-	-	-
<i>Amalgaviridae</i>	unclassified	Rubber dandelion latent virus 2	-	-	61-63%	354	Plant
		unclassified <i>Amalgaviridae</i>	63-86%	468	-	-	-
<i>Reoviridae</i>	<i>Phytoreovirus</i>	Rice gall dwarf virus	66-67%	273	56-100%	1035	<i>Cecidomyiidae</i>
	<i>Dinovernavirus</i>	Fako virus	61-100%	19596	56-83%	366	Mosquito
		<i>Aedes pseudoscutellaris</i> reovirus	69-100%	5244	-	-	-
	<i>Fijivirus</i>	unclassified <i>Fijivirus</i>	59-66%	432	-	-	-
	unclassified	Soudat virus	76-100%	2093	67-100%	1641	<i>Drosophilidae</i>
		Cimodo virus	98-100%	372	70-100%	1008	<i>Culicidae</i>
		Grange virus	55-59%	396	-	-	<i>Drosophilidae</i>
		other unclassified <i>Reoviridae</i>	-	-	53-66%	795	-
unclassified dsRNA viruses		<i>Rosellinia necatrix</i> fusagravirus 3	-	-	41%	49392	Fungi
		<i>Colletotrichum acutatum</i> RNA virus 1	-	-	75-92%	1653	Fungi

Unclassified RNA viruses				Hubei partiti-like virus 34	68-100%	2214913	55-100%	1997449	Gastropoda
				Wenzhou sobemo-like virus 4	-	-	94-98%	668852	Mosquitoes
				Hubei mosquito virus 2	-	-	37-85%	119667	Arthropoda
				Hubei picorna-like virus 61	70-100%	5815018	84-100%	53578	Mosquitoes
				Hubei picorna-like virus 57	-	-	72-100%	45296	Diptera
				Hubei picorna-like virus 15	-	-	58-100%	40767	Arthropoda
				Hubei picorna-like virus 63	55-100%	986925	-	-	Insecta
				Hubei noda-like virus 11	55-100%	749763	-	-	Arthropoda
				Hubei picorna-like virus 62	68-100%	432814	-	-	Arachnida
				Beihai tombus-like virus 11	41-71%	118730	-	-	Actiniaria
				Hubei picorna-like virus 60	38-75%	144477	-	-	Arthropoda
				Hubei macula-like virus 2	58-70%	116307	-	-	Odonata
				other unclassified RNA viruses	34-100%	414971	40-100%	106752	-
ssDNA viruses	-	<i>Parvoviridae</i>	<i>Ambidensovirus</i>	Hymenopteran ambidensovirus 1	51-60%	850	-	-	Hymenoptera
				Lepidopteran ambidensovirus 1	51%	522	-	-	Lepidoptera
			unassigned <i>Ambidensovirus</i>	58-75%	642	-	-	-	
dsDNA viruses	<i>Caudovirales</i>	<i>Siphoviridae</i>	<i>Sextaecovirus</i>	<i>Staphylococcus</i> phage 6ec	38%	126	-	-	Bacteria
				<i>Rhizobium</i> phage RHEph10	40%	5827	-	-	Fungi
	-	unclassified <i>Caudovirales</i>							
	-	<i>Poxviridae</i>	<i>Alphaentomopoxvirus</i>	<i>Anomala cuprea</i> entomopoxvirus	31%	2313	-	-	Coleoptera
	-		<i>Betaentomopoxvirus</i>	<i>Adoxophyes honmai</i> entomopoxvirus 'L'	43-73%	804	-	-	Lepidoptera
	-	<i>Baculoviridae</i>	<i>Alphabaculovirus</i>	<i>Lymantria xyliana</i> nucleopolyhedrovirus	-	-	60%	1107	Lepidoptera
	-	<i>Hytrosaviridae</i>	<i>Muscavirus</i>	<i>Musca domestica</i> salivary gland hypertrophy virus	-	-	69%	706	Muscidae
				Tomelloso virus	-	-	64-70%	531	<i>Drosophilidae</i>
			<i>Apis mellifera</i> filamentous virus	55-100%	452461	54-100%	617009	Hymenoptera	
Unclassified viruses				Daeseongdong virus 1	75-95%	614537	-	-	<i>Culex</i> sp.
				Dansoman virus	-	-	44%	4110	<i>Drosophilidae</i>
				Tomato matilda virus	88-100%	51998	-	-	Plant
				<i>Diabrotica virgifera virgifera</i> virus 1	41-66%	19503	-	-	Coleoptera
				Culicine-associated Z virus	77-97%	14584	-	-	<i>Culicinae</i> sp.

<i>Araticum</i> virus	70-85%	25767	69-92%	10435	Plant
Bloomfield virus	52-100%	7584	46-100%	16825	<i>Drosophilidae</i>
<i>Linepithema humile</i> virus 1	-	-	25-100%	6134	Hymenoptera
Basavirus sp.	-	-	44-55%	5979	Vertebrate
<i>Culex</i> luteo-like virus	42-67%	16686	-	-	<i>Culex</i> sp.
other unclassified viruses	50-100%	6872	-	-	-
