

Legends to Supplementary Figures

Supplementary Figure 1: Phylogenetic analysis of 260 RdRP sequences of members of the *Botourmiaviridae*, *Mitoviridae*, *Narnaviridae* and related viruses. The representative replicase sequences of members of all genera of the *Botourmiaviridae*, and unclassified related viruses from Teltow Canal, Havel River and various hosts as well as *Mitoviridae* and *Narnaviridae* (as outgroup) were aligned with MEGA and used for maximum likelihood tree inference with IQ-TREE 2 (optimal substitution model: PMB+F+R9). Presented are GenBank acc. nos., species names (printed in bold and italics), vernacular names and strain designations if available (in round brackets). Solid square brackets present names of genera (thin lines) and families (thick lines). Broken square brackets indicate proposed "alpha-" and "betanarnaviruses". Numbers at nodes indicate bootstrap support greater 65% obtained after 10,000 ultrafast replications. The bar indicates amino acid substitutions per site. Color code: black, classified viruses; blue, unclassified viruses; red, viruses from Teltow Canal and Havel River. A filled triangle (▲) indicates viruses with a dicistronic gene layout.

Supplementary Figure 2: Phylogenetic analysis of 142 RdRP sequences of members of the *Ghabrivirales* and related viruses. The representative replicase sequences of members of all families of the *Ghabrivirales* order and unclassified related viruses from Teltow Canal, Havel River and various hosts were aligned with MEGA and used for maximum likelihood tree inference with IQ-TREE 2 (optimal substitution model: VT+F+R9). Presented are GenBank acc. nos., species names (printed in bold and italics), vernacular names and strain designations if available (in round brackets). Square brackets indicate higher order taxa (family, suborder, order). The yellow box highlights sequences with internal termination codons in any tested translation table. Numbers at nodes indicate bootstrap support obtained after 10,000 ultrafast replications. The tree was arbitrarily rooted with the sequence of *Fusarium graminearum alternavirus 1* (*Alternaviridae*, *Gammatotivirineae*). The bar indicates amino acid substitutions per site. Color code: black, classified viruses; blue, unclassified viruses; red, viruses from Teltow Canal and Havel River.

Supplementary Figure 3: Phylogenetic analysis of 153 RdRP sequences of members of the *Mitoviridae*, *Narnaviridae* and related viruses. The representative replicase sequences of members of all species of the *Mitoviridae* and *Narnaviridae*, and unclassified related viruses from Teltow Canal, Havel River and various hosts were aligned with MEGA and used for maximum likelihood tree inference with IQ-TREE 2 (optimal substitution model: PMB+F+R9). Presented are GenBank acc. nos., species names (printed in bold and italics), vernacular names and strain designations if available (in round brackets). Solid square brackets present genera (thin lines) and families (thick lines). Broken square brackets indicate proposed "alpha-" and "betanarnaviruses". Yellow boxes highlight viruses which use the standard translation table. Numbers at nodes indicate bootstrap support greater 65% obtained after 10,000 ultrafast replications. The tree was arbitrarily rooted with narnavirus sequences. The bar indicates amino acid substitutions per site. Color code: black, classified viruses; blue, unclassified viruses; red, viruses from Teltow Canal and Havel River.

Supplementary Figure 1

RdRP

Ourmiavirus

Botourmiaviridae

Betasclerulivirus

Deltasclerulivirus

Sclerulivirus

Epsilonsclerulivirus

Gammascclerulivirus

Botoulivirus

Betabotoulivirus

Penoulivirus

Magoulivirus

Rhizoulivirus

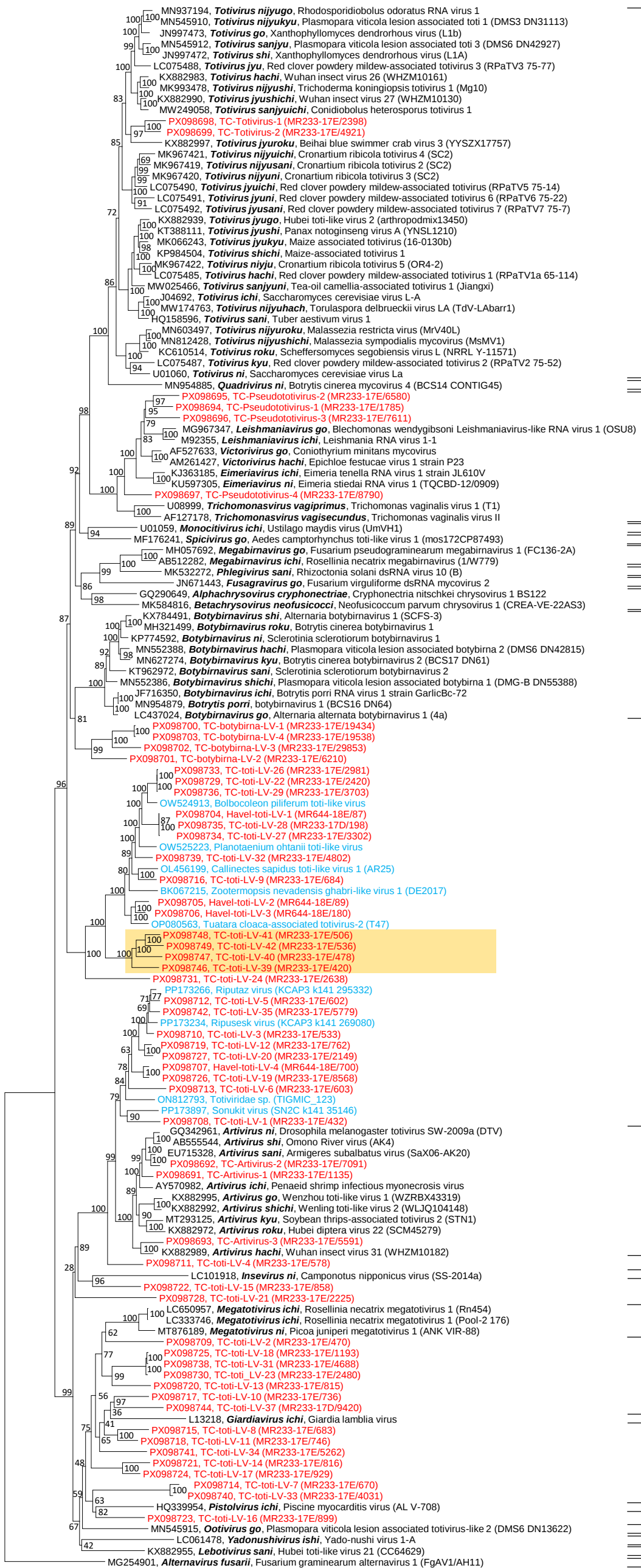
Betarhizoulivirus

Mitoviridae

"Alphanarnavirus"

Narnaviridae

"Betanarnavirus"



Family

Suborder

Order

Supplementary Figure 2

RdRP

Orthototiviridae

Quadriviridae

Alphatotivirineae

Pseudototiviridae

Monocitiviridae
Spiciviridae
Megabirnaviridae
Phlegiviridae
Fusagraviridae
Chrysoviridae

Botybirnaviridae

Ghabrivirales

Artiviridae

Inseviridae

Betatotivirineae

Megatotiviridae

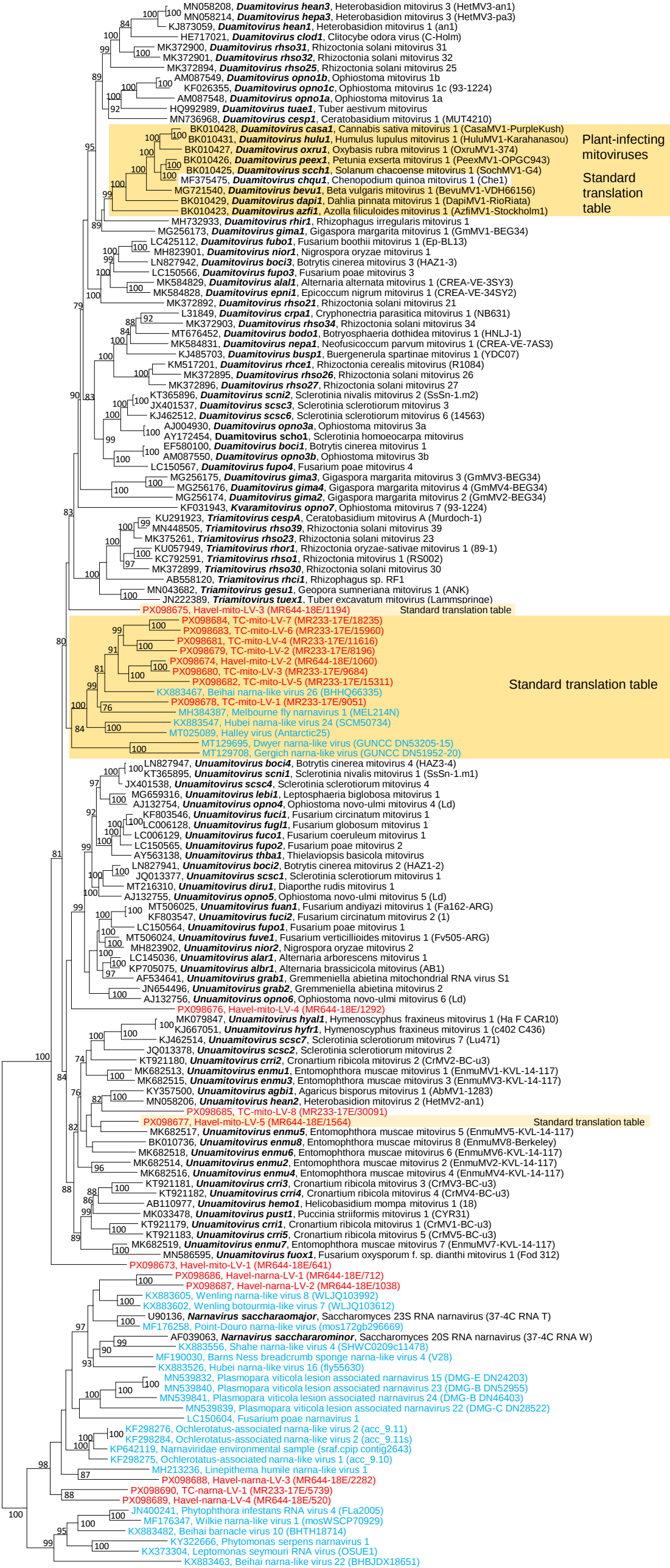
Giardiaviridae

Pistolviridae

Ootiviridae
Yadonushiviridae
Lebotiviridae
Alternaviridae

Gammatotivirineae

RdRP



Duamitovirus

Kvaramitovirus

Triamitovirus

Mitoviridae

Unuamitovirus

"Alphanarnavirus"

Narnaviridae

"Betanarnavirus"

Seq #	GenBank acc.	Virus name and strain designation	Length	Completeness	Mean depth	Genome layout, conserved domains
seq1	PX098516	Teltow Canal zyba-like virus 1 MR233-17E/3953	3185 nt	partial	15.5755	orf1-par: hypothetical protein; orf2-par: fusion protein/polyprotein with RdRp domain (pfam00680, cd01699)
seq2	PX098517	Teltow Canal zyba-like virus 2 MR233-17E/18398	1433 nt	partial	56.9484	orf-par: RdRp domain (pfam00680, cd01699)
seq3	PX098518	Havel botourmia-like virus 1 MR644-18E/133	5664 nt	(almost) complete genome	61.2738	orf1: RdRp (cd23183); orf2: structural protein (pfam00729)
seq4	PX098519	Havel botourmia-like virus 2 MR644-18E/172	5048 nt	partial	240.865	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq5	PX098520	Havel botourmia-like virus 3 MR644-18E/191	4826 nt	(almost) complete genome	19.1337	orf1: RdRp (cd23183); orf2: structural protein (pfam00729)
seq6	PX098521	Havel botourmia-like virus 4 MR644-18E/237	4371 nt	partial	2221.67	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq7	PX098522	Havel botourmia-like virus 5 MR644-18E/238	4364 nt	partial	28.5406	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq8	PX098523	Havel botourmia-like virus 6 MR644-18E/253	4237 nt	partial	94.1808	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq9	PX098524	Havel botourmia-like virus 7 MR644-18E/290	3975 nt	(almost) complete genome	16.1769	orf1: RdRp (cd23183); orf2: structural protein (pfam00729)
seq10	PX098525	Havel botourmia-like virus 8 MR644-18E/424	3310 nt	(almost) complete genome	189.183	orf1: RdRp (cd23183); orf2: structural protein (pfam00729)
seq11	PX098526	Havel botourmia-like virus 9 MR644-18E/448	3176 nt	partial	18.7868	orf-par: RdRp (cd23183)
seq12	PX098527	Havel botourmia-like virus 10 MR644-18E/469	3083 nt	partial	248.118	orf-par: RdRp (cd23183)
seq13	PX098528	Havel botourmia-like virus 11 MR644-18E/473	3070 nt	partial	13.5958	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq14	PX098529	Havel botourmia-like virus 12 MR644-18E/513	4539 nt	partial	39.3503	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq15	PX098530	Havel botourmia-like virus 13 MR644-18E/605	2701 nt	partial	41.3084	orf-par: RdRp (cd23183)
seq16	PX098531	Havel botourmia-like virus 14 MR644-18E/654	2580 nt	partial	38.4384	orf-par: RdRp (cd23183)
seq17	PX098532	Havel botourmia-like virus 15 MR644-18E/655	2524 nt	partial	35.4354	orf-par: RdRp (cd23183)
seq18	PX098533	Havel botourmia-like virus 16 MR644-18E/662	2572 nt	partial	11.5365	orf-par: RdRp (cd23183)
seq19	PX098534	Havel botourmia-like virus 17 MR644-18E/688	2511 nt	partial	16.3664	orf-par: RdRp (cd23183)
seq20	PX098535	Havel botourmia-like virus 18 MR644-18E/698	2494 nt	partial	34.8998	orf-par: RdRp (cd23183)
seq21	PX098536	Havel botourmia-like virus 19 MR644-18E/703	2988 nt	partial	7.39692	orf-par: RdRp (cd23183)
seq22	PX098537	Havel botourmia-like virus 20 MR644-18E/719	2463 nt	partial	16.0601	orf-par: RdRp (cd23183)
seq23	PX098538	Havel botourmia-like virus 21 MR644-18E/768	3809 nt	partial	26.586	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq24	PX098539	Havel botourmia-like virus 22 MR644-18E/775	2377 nt	partial	824.501	orf: RdRp (cd23183)
seq25	PX098540	Havel botourmia-like virus 23 MR644-18E/794	2361 nt	partial	78.8759	orf-par: RdRp (cd23183)
seq26	PX098541	Havel botourmia-like virus 24 MR644-18E/901	2220 nt	partial	10.9419	orf: RdRp (cd23183)
seq27	PX098542	Havel botourmia-like virus 25 MR644-18E/1324	2787 nt	partial	20.4578	orf: RdRp (cd23183)
seq28	PX098543	Havel botourmia-like virus 26 MR644-18E/1338	1831 nt	partial	12.7794	orf-par: RdRp (cd23183)
seq29	PX098544	Havel botourmia-like virus 27 MR644-18E/1650	1656 nt	partial	9.54408	orf-par: RdRp (cd23183)
seq30	PX098545	Havel botourmia-like virus 28 MR644-18E/1696	1639 nt	partial	6.44478	orf-par: RdRp (cd23183)
seq31	PX098546	Havel botourmia-like virus 29 MR644-18E/1911	1559 nt	partial	15.9705	orf-par: RdRp (cd23183)
seq32	PX098547	Havel botourmia-like virus 30 MR644-18E/327	3745 nt	partial	19.7274	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq33	PX098548	Havel botourmia-like virus 31 MR644-18E/1883	2282 nt	partial	11.9947	orf-par: RdRp (cd23183)
seq34	PX098549	Havel botourmia-like virus 32 MR644-18D/50637	2747 nt	partial	6.29924	orf1-par: RdRp (cd23183); orf2-par: structural protein (pfam00729)
seq35	PX098550	Havel botourmia-like virus 33 MR644-18E/1342	1828 nt	partial	33.4666	orf-par: RdRp (cd23183)
seq36	PX098551	Teltow Canal botourmia-like virus 1 MR233-17E/1550	5081 nt	partial	712.5	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq37	PX098552	Teltow Canal botourmia-like virus 2 MR233-17E/1711	4853 nt	(almost) complete genome	104.097	orf1: RdRp (cd23183); orf2: structural protein (pfam00729)
seq38	PX098553	Teltow Canal botourmia-like virus 3 MR233-17D/1392	4770 nt	(almost) complete genome	2180.25	orf1: RdRp (cd23183); orf2: structural protein (pfam00729)
seq39	PX098554	Teltow Canal botourmia-like virus 4 MR233-17E/1825	4685 nt	(almost) complete genome	453.612	orf1: RdRp (cd23183); orf2: structural protein (pfam00729)
seq40	PX098555	Teltow Canal botourmia-like virus 5 MR233-17E/3835	3313 nt	(almost) complete genome	1676.87	orf1: RdRp (cd23183); orf2: structural protein (pfam00729)
seq41	PX098556	Teltow Canal botourmia-like virus 6 MR233-17E/11717	1800 nt	partial	28.785	orf1-par: hypothetical protein; orf2: structural protein (pfam00729)
seq42	PX098557	Teltow Canal botourmia-like virus 7 MR233-17E/2304	4158 nt	partial	586.521	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq43	PX098558	Teltow Canal botourmia-like virus 8 MR233-17E/5965	4798 nt	(almost) complete genome	25.5932	orf1: RdRp (cd23183); orf2: structural protein (pfam00729)
seq44	PX098559	Teltow Canal botourmia-like virus 9 MR233-17E/17530	1469 nt	partial	6.85432	orf1-par: hypothetical protein; orf2: structural protein (pfam00729)
seq45	PX098560	Teltow Canal botourmia-like virus 10 MR233-17E/25852	2326 nt	partial	18797.3	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq46	PX098561	Teltow Canal botourmia-like virus 11 MR233-17E/2147	4314 nt	partial	25.2543	orf1-par: RdRp (cd23183); orf2-par: structural protein (pfam00729)
seq47	PX098562	Teltow Canal botourmia-like virus 12 MR233-17E/9352	2016 nt	partial	7.43552	orf-par: RdRp (cd23183)
seq48	PX098563	Teltow Canal botourmia-like virus 13 MR233-17E/9309	2022 nt	partial	12.8511	orf-par: RdRp (cd23183)
seq49	PX098564	Teltow Canal botourmia-like virus 14 MR233-17E/11160	4026 nt	partial	20.1508	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq50	PX098565	Teltow Canal botourmia-like virus 15 MR233-17E/9272	2026 nt	partial	10.5099	orf-par: RdRp (cd23183)
seq51	PX098566	Teltow Canal botourmia-like virus 16 MR233-17E/1874	4623 nt	partial	547.434	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq52	PX098567	Teltow Canal botourmia-like virus 17 MR233-17E/1875	4621 nt	partial	47.1372	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729); orf3: hypothetical protein
seq53	PX098568	Teltow Canal botourmia-like virus 18 MR233-17E/1895	4603 nt	(almost) complete genome	60.8657	orf1: RdRp (cd23183); orf2: hypothetical protein
seq54	PX098569	Teltow Canal botourmia-like virus 19 MR233-17E/1980	4496 nt	partial	16.5905	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq55	PX098570	Teltow Canal botourmia-like virus 20 MR233-17E/1983	4491 nt	partial	49.2084	orf1-par: RdRp (cd23183); orf2: hypothetical protein
seq56	PX098571	Teltow Canal botourmia-like virus 21 MR233-17E/1985	4487 nt	partial	42.064	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq57	PX098572	Teltow Canal botourmia-like virus 22 MR233-17E/1991	4479 nt	partial	24.0493	orf1-par: RdRp (cd23183); orf2: hypothetical protein
seq58	PX098573	Teltow Canal botourmia-like virus 23 MR233-17E/2040	4428 nt	(almost) complete genome	100.733	orf1: RdRp (cd23183); orf2: structural protein (pfam00729)
seq59	PX098574	Teltow Canal botourmia-like virus 24 MR233-17E/2104	4364 nt	partial	1047.15	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq60	PX098575	Teltow Canal botourmia-like virus 25 MR233-17E/2106	4360 nt	partial	488.924	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq61	PX098576	Teltow Canal botourmia-like virus 26 MR233-17E/2162	4300 nt	partial	284.134	orf: RdRp (cd23183)
seq62	PX098577	Teltow Canal botourmia-like virus 27 MR233-17E/2204	4260 nt	partial	27.7366	orf1-par: RdRp (cd23183); orf2: hypothetical protein
seq63	PX098578	Teltow Canal botourmia-like virus 28 MR233-17E/2235	4228 nt	partial	95.039	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)

seq146	PX098661	Teltow Canal botourmia-like virus 111 MR233-17E/7134	2317 nt	partial	136.018	orf1-par: RdRp (cd23183)
seq147	PX098662	Teltow Canal botourmia-like virus 112 MR233-17E/7458	2266 nt	partial	17.7868	orf1: RdRp (cd23183)
seq148	PX098663	Teltow Canal botourmia-like virus 113 MR233-17E/8466	3210 nt	partial	137.539	orf1: RdRp (cd23183)
seq149	PX098664	Teltow Canal botourmia-like virus 114 MR233-17E/8874	2369 nt	partial	23.3634	orf1-par: RdRp (cd23183)
seq150	PX098665	Teltow Canal botourmia-like virus 115 MR233-17E/8925	2063 nt	partial	15.2763	orf1-par: RdRp (cd23183)
seq151	PX098666	Teltow Canal botourmia-like virus 116 MR233-17E/9032	4033 nt	(almost) complete genome	77.065	orf1: RdRp (cd23183); orf2: structural protein (pfam00729)
seq152	PX098667	Teltow Canal botourmia-like virus 117 MR233-17E/11453	3396 nt	partial	181.585	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq153	PX098668	Teltow Canal botourmia-like virus 118 MR233-17E/11892	3536 nt	partial	34.8931	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq154	PX098669	Teltow Canal botourmia-like virus 119 MR233-17D/49655	2242 nt	partial	8.75691	orf1-par: hypothetical protein; orf2: structural protein (pfam00729)
seq155	PX098670	Teltow Canal botourmia-like virus 120 MR233-17E/7180	4355 nt	partial	90.8955	orf1-par: RdRp (cd23183); orf2: structural protein (pfam00729)
seq156	PX098671	Teltow Canal botourmia-like virus 121 MR233-17E/5810	2589 nt	partial	15.4438	orf-par: helicase (pfam00910) - RdRp (cd23183)
seq157	PX098672	Teltow Canal Riboviria sp. MR233-17E/19337	1183 nt	partial	41.1293	orf-par: structural protein (pfam00729)
seq158	PX098673	Havel mito-like virus 1 MR644-18E/641	2613 nt	complete coding sequence	32.3551	orf: RdRp (pfam05919); translation table 4
seq159	PX098674	Havel mito-like virus 2 MR644-18E/1060	2053 nt	complete coding sequence	30.1583	orf: RdRp (pfam05919); translation table 4
seq160	PX098675	Havel mito-like virus 3 MR644-18E/1194	1947 nt	partial	25.5475	orf: RdRp (pfam05919); translation table 4
seq161	PX098676	Havel mito-like virus 4 MR644-18E/1292	1866 nt	partial	24.5252	orf: RdRp (pfam05919); translation table 4
seq162	PX098677	Havel mito-like virus 5 MR644-18E/1564	1701 nt	partial	11.5726	orf: RdRp (pfam05919); translation table 4
seq163	PX098678	Teltow Canal mito-like virus 1 MR233-17E/9051	2048 nt	partial	25.5347	orf: RdRp (pfam05919); translation table 4
seq164	PX098679	Teltow Canal mito-like virus 2 MR233-17E/8196	2157 nt	partial	15.3245	orf: RdRp (pfam05919); translation table 4
seq165	PX098680	Teltow Canal mito-like virus 3 MR233-17E/9684	1981 nt	partial	13.947	orf: RdRp (pfam05919); translation table 4
seq166	PX098681	Teltow Canal mito-like virus 4 MR233-17E/11616	1807 nt	partial	13.1184	orf: RdRp (pfam05919); translation table 4
seq167	PX098682	Teltow Canal mito-like virus 5 MR233-17E/15311	1945 nt	complete coding sequence	10.181	orf: RdRp (pfam05919); translation table 4
seq168	PX098683	Teltow Canal mito-like virus 6 MR233-17E/15960	1694 nt	partial	26.6741	orf: RdRp (pfam05919); translation table 4
seq169	PX098684	Teltow Canal mito-like virus 7 MR233-17E/18235	2176 nt	complete coding sequence	14.5767	orf: RdRp (pfam05919); translation table 4
seq170	PX098685	Teltow Canal mito-like virus 8 MR233-17E/30091	1124 nt	partial	10.9858	orf: RdRp (pfam05919); translation table 4
seq171	PX098686	Havel River narna-like virus 1 MR233-17E/712	2480 nt	partial	11.656	orf-partial: RdRp (cd23177)
seq172	PX098687	Havel River narna-like virus 2 MR233-17E/1038	2074 nt	partial	16.9147	orf-par: RdRp (cd23177)
seq173	PX098688	Havel River narna-like virus 3 MR233-17E/2282	1450 nt	partial	9.17862	orf-par: RdRp (cd23177); rORF-par: hypothetical protein
seq174	PX098689	Havel River narna-like virus 4 MR233-17E/520	2880 nt	complete coding sequence	85.9087	orf: RdRp (cd23177); rORF-par: hypothetical protein
seq175	PX098690	Teltow Canal narna-like virus 1 MR233-17E/5739	2605 nt	partial	271.948	orf-par: RdRp (cd23177); rORF-par: hypothetical protein
seq176	PX098691	Teltow Canal antivirius 1 MR233-17E/1135	5923 nt	partial	31.1241	orf1-par: structural protein; orf2: RdRp (pfam02123)
seq177	PX098692	Teltow Canal antivirius 2 MR233-17E/7091	4243 nt	partial	35.2168	orf1-par: structural protein; orf2: RdRp (pfam02123)
seq178	PX098693	Teltow Canal antivirius 3 MR233-17E/5591	2643 nt	partial	36.4487	orf1-par: structural protein
seq179	PX098694	Teltow Canal pseudototivirus 1 MR233-17E/1785	4752 nt	partial	32.9853	orf1: structural protein; orf2-par: RdRp (pfam02123)
seq180	PX098695	Teltow Canal pseudototivirus 2 MR233-17E/6580	2422 nt	partial	13.4277	orf-par: RdRp (pfam02123)
seq181	PX098696	Teltow Canal pseudototivirus 3 MR233-17E/7611	2245 nt	partial	24.7742	orf-par: RdRp (pfam02123)
seq182	PX098697	Teltow Canal pseudototivirus 4 MR233-17E/8790	2078 nt	partial	15.5115	orf-par: RdRp (pfam02123)
seq183	PX098698	Teltow Canal totivirus 1 MR233-17E/2398	4074 nt	partial	15.5746	orf1-par: hypothetical protein; orf2-par: RdRp (pfam02123)
seq184	PX098699	Teltow Canal totivirus 2 MR233-17E/4921	2822 nt	partial	30.545	orf-par: RdRp (pfam02123)
seq185	PX098700	Teltow Canal botybira-like virus 1 MR233-17E/19434	1395 nt	partial	5.94265	orf-par: RdRp (pfam02123)
seq186	PX098701	Teltow Canal botybira-like virus 2 MR233-17E/6210	2497 nt	partial	16.0364	orf-par: RdRp (pfam02123)
seq187	PX098702	Teltow Canal botybira-like virus 3 MR233-17E/29853	1128 nt	partial	9.7961	orf-par: RdRp (pfam02123)
seq188	PX098703	Teltow Canal botybira-like virus 4 MR233-17E/19538	1391 nt	partial	12.4637	orf-par: RdRp (pfam02123)
seq189	PX098704	Havel River toti-like virus 1 MR644-18E/87	7077 nt	partial	11.835	orf1-par: hypothetical protein; orf2: RdRp (pfam02123)
seq190	PX098705	Havel River toti-like virus 2 MR644-18E/89	6963 nt	(almost) complete genome	31.6345	orf1: hypothetical protein; orf2: RdRp (pfam02123)
seq191	PX098706	Havel River toti-like virus 3 MR644-18E/180	7060 nt	(almost) complete genome	19.9368	orf1: hypothetical protein; orf2: RdRp (pfam02123)
seq192	PX098707	Havel River toti-like virus 4 MR644-18E/700	2493 nt	partial	10.489	orf1-par: hypothetical protein; orf2-par: RdRp (pfam02123)
seq193	PX098708	Teltow Canal toti-like virus 1 MR233-17E/432	8814 nt	partial	59.8586	orf1-par: hypothetical protein; orf2-par: RdRp (pfam02123)
seq194	PX098709	Teltow Canal toti-like virus 2 MR233-17E/470	8631 nt	(almost) complete genome	168.413	orf1: hypothetical protein; orf2: RdRp (pfam02123)
seq195	PX098710	Teltow Canal toti-like virus 3 MR233-17E/533	8336 nt	(almost) complete genome	169.344	orf1: hypothetical protein; orf2: RdRp (pfam02123)
seq196	PX098711	Teltow Canal toti-like virus 4 MR233-17E/578	8072 nt	(almost) complete genome	65.0629	orf1: hypothetical protein; orf2: RdRp (pfam02123)
seq197	PX098712	Teltow Canal toti-like virus 5 MR233-17E/602	7975 nt	(almost) complete genome	114.369	orf1: hypothetical protein; orf2: RdRp (pfam02123)
seq198	PX098713	Teltow Canal toti-like virus 6 MR233-17E/603	7974 nt	(almost) complete genome	33.7126	orf1: hypothetical protein; orf2: RdRp (pfam02123)
seq199	PX098714	Teltow Canal toti-like virus 7 MR233-17E/670	7612 nt	partial	31.4276	orf1-par: hypothetical protein; orf2: RdRp (pfam02123)
seq200	PX098715	Teltow Canal toti-like virus 8 MR233-17E/683	7503 nt	partial	83.7934	orf1-par: hypothetical protein; orf2: RdRp (pfam02123)
seq201	PX098716	Teltow Canal toti-like virus 9 MR233-17E/684	7498 nt	(almost) complete genome	151.519	orf1: hypothetical protein; orf2: RdRp (pfam02123)
seq202	PX098717	Teltow Canal toti-like virus 10 MR233-17E/736	7207 nt	(almost) complete genome	93.8533	orf1: hypothetical protein; orf2: RdRp (pfam02123)
seq203	PX098718	Teltow Canal toti-like virus 11 MR233-17E/746	7161 nt	partial	122.419	orf1-par: hypothetical protein; orf2: RdRp (pfam02123)
seq204	PX098719	Teltow Canal toti-like virus 12 MR233-17E/762	7118 nt	partial	73.0524	orf1-par: hypothetical protein; orf2: RdRp (pfam02123)
seq205	PX098720	Teltow Canal toti-like virus 13 MR233-17E/815	6881 nt	(almost) complete genome	560.606	orf1: hypothetical protein; orf2: RdRp (pfam02123)
seq206	PX098721	Teltow Canal toti-like virus 14 MR233-17E/816	6877 nt	(almost) complete genome	90.1575	orf1: hypothetical protein; orf2: RdRp (pfam02123)
seq207	PX098722	Teltow Canal toti-like virus 15 MR233-17E/858	6723 nt	partial	22.7662	orf1-par: hypothetical protein; orf2: RdRp (pfam02123)

seq208	PX098723	Teltow Canal toti-like virus 16 MR233-17E/899	6584 nt	(almost) complete genome	167.386	orf1 : hypothetical protein; orf2 : RdRp (pfam02123)
seq209	PX098724	Teltow Canal toti-like virus 17 MR233-17E/929	6483 nt	(almost) complete genome	179.248	orf1 : hypothetical protein; orf2 : RdRp (pfam02123)
seq210	PX098725	Teltow Canal toti-like virus 18 MR233-17E/1193	6611 nt	(almost) complete genome	852.9	orf1 : hypothetical protein; orf2 : RdRp (pfam02123)
seq211	PX098726	Teltow Canal toti-like virus 19 MR233-17E/8568	2828 nt	partial	32.1853	orf-par : RdRp (pfam02123)
seq212	PX098727	Teltow Canal toti-like virus 20 MR233-17E/2149	4310 nt	partial	22.0912	orf1-par : hypothetical protein; orf2 : RdRp (pfam02123)
seq213	PX098728	Teltow Canal toti-like virus 21 MR233-17E/2225	4243 nt	partial	35.8829	orf1-par : hypothetical protein; orf2 : RdRp (pfam02123)
seq214	PX098729	Teltow Canal toti-like virus 22 MR233-17E/2420	4180 nt	partial	81.9404	orf1-par : hypothetical protein; orf2-par : RdRp (pfam02123)
seq215	PX098730	Teltow Canal toti-like virus 23 MR233-17E/2480	4108 nt	partial	101.825	orf1-par : hypothetical protein; orf2 : RdRp (pfam02123)
seq216	PX098731	Teltow Canal toti-like virus 24 MR233-17E/2638	3888 nt	partial	123.95	orf1-par : hypothetical protein; orf2 : RdRp (pfam02123)
seq217	PX098732	Teltow Canal toti-like virus 25 MR233-17E/2832	3761 nt	partial	220.638	orf-par : coat protein (pfam05518)
seq218	PX098733	Teltow Canal toti-like virus 26 MR233-17E/2981	6948 nt	(almost) complete genome	61.5379	orf1 : hypothetical protein; orf2 : RdRp (pfam02123)
seq219	PX098734	Teltow Canal toti-like virus 27 MR233-17E/3302	3494 nt	partial	52.8426	orf-par : RdRp (pfam02123)
seq220	PX098735	Teltow Canal toti-like virus 28 MR233-17D/198	7092 nt	partial	606.308	orf1 : hypothetical protein; orf2 : RdRp (pfam02123)
seq221	PX098736	Teltow Canal toti-like virus 29 MR233-17E/3703	6217 nt	partial	46.0655	orf1-par : hypothetical protein; orf2-par : RdRp (pfam02123)
seq222	PX098737	Teltow Canal toti-like virus 30 MR233-17E/4665	3625 nt	partial	29.0596	orf-par : RdRp (pfam02123)
seq223	PX098738	Teltow Canal toti-like virus 31 MR233-17E/4688	2892 nt	partial	22.8731	orf : RdRp (pfam02123)
seq224	PX098739	Teltow Canal toti-like virus 32 MR233-17E/4802	3079 nt	partial	21.3394	orf-par : RdRp (pfam02123)
seq225	PX098740	Teltow Canal toti-like virus 33 MR233-17E/4031	7493 nt	partial	32.777	orf1-par : hypothetical protein; orf2 : RdRp (pfam02123)
seq226	PX098741	Teltow Canal toti-like virus 34 MR233-17E/5262	2729 nt	partial	30.8014	orf : RdRp (pfam02123)
seq227	PX098742	Teltow Canal toti-like virus 35 MR233-17E/5779	2595 nt	partial	15.7195	orf-par : RdRp (pfam02123)
seq228	PX098743	Teltow Canal toti-like virus 36 MR233-17E/9548	1995 nt	partial	5.20251	orf-par : RdRp (pfam02123)
seq229	PX098744	Teltow Canal toti-like virus 37 MR233-17D/9420	4424 nt	partial	41.0145	orf1-par : hypothetical protein; orf2 : RdRp (pfam02123)
seq230	PX098745	Teltow Canal toti-like virus 38 MR233-17E/8336	2138 nt	partial	7.64359	orf-par : RdRp (pfam02123)
seq231	PX098746	Teltow Canal toti-like virus 39 MR233-17E/420	8874 nt		173.899	Numerous internal termination codons in any of the tested translation tables.
seq232	PX098747	Teltow Canal toti-like virus 40 MR233-17E/478	8579 nt		69.4081	Numerous internal termination codons in any of the tested translation tables.
seq233	PX098748	Teltow Canal toti-like virus 41 MR233-17E/506	8471 nt		133.412	Numerous internal termination codons in any of the tested translation tables.
seq234	PX098749	Teltow Canal toti-like virus 42 MR233-17E/536	8325 nt		143.959	Numerous internal termination codons in any of the tested translation tables.
seq235	PX098750	Teltow Canal carasco-like virus 1 MR233-17E/1029	6164 nt	partial	2866.05	orf1-par : Prot (pfam13365) - RdRp (cd23184); orf2 : hypothetical protein; orf3 : structural protein (pfam00729)
seq236	PX098751	Teltow Canal carasco-like virus 2 MR233-17E/1173	5830 nt	partial	54.6666	orf1-par : Prot (pfam13365) - RdRp (cd23184); orf2 : hypothetical protein; orf3 : structural protein (pfam00729)
seq237	PX098752	Teltow Canal carasco-like virus 3 MR233-17E/15109	1582 nt	partial	9.43932	orf1-par : Prot (pfam13365) - RdRp (cd23184); orf2 : hypothetical protein
seq238	PX098753	Teltow Canal Sclerophthora macrospora B-like virus MR233-17E/1463	5226 nt	(almost) complete genome	438.597	orf1 : Prot (COG3591) - RdRp (pfam00680); orf2 : structural protein
seq239	PX098754	Teltow Canal noda-like virus 168 MR233-17E/12610	1736 nt	partial	16.4683	orf-par : MethylTr (pfam19222) - RdRp (cd23173)
seq240	PX098755	Teltow Canal noda-like virus 169 MR233-17E/13709	1662 nt	partial	11.1035	orf1-par : RdRp (cd23173); orf2-par : hypothetical protein
seq241	PX098756	Teltow Canal noda-like virus 170 MR233-17E/20677	1351 nt	partial	14.8571	orf1-par : RdRp (cd23173); orf2-par : hypothetical protein
seq242	PX098757	Teltow Canal noda-like virus 171 MR233-17E/21668	1322 nt	partial	13.3638	orf1-par : RdRp (cd23173)
seq243	PX098758	Teltow Canal noda-like virus 172 MR233-17E/27080	2789 nt	partial	7.30513	orf1-par : MethylTr (pfam19222) - RdRp (cd23173); orf2-par : hypothetical protein
seq244	PX098759	Teltow Canal noda-like virus 173 MR233-17E/28216	2895 nt	partial	121.214	orf1-par : MethylTr (pfam19222) - RdRp (cd23173); orf2-par : hypothetical protein
seq245	PX098760	Teltow Canal noda-like virus 174 MR233-17E/4755	2865 nt	partial	3513.53	orf1-par : MethylTr (pfam19222) - RdRp (cd23173); orf2-par : hypothetical protein
seq246	PX098761	Teltow Canal noda-like virus 175 MR233-17E/4771	2861 nt	partial	26.8937	orf1-par : MethylTr (pfam19222) - RdRp (cd23173); orf2-par : hypothetical protein
seq247	PX098762	Teltow Canal noda-like virus 176 MR233-17E/5098	2771 nt	partial	26.6716	orf1-par : MethylTr (pfam19222) - RdRp (cd23173); orf2-par : hypothetical protein
seq248	PX098763	Teltow Canal noda-like virus 177 MR233-17E/5111	2768 nt	partial	23.1423	orf1-par : MethylTr (pfam19222) - RdRp (cd23173); orf2-par : hypothetical protein
seq249	PX098764	Teltow Canal noda-like virus 178 MR233-17E/6711	2755 nt	partial	24.5016	orf1-par : MethylTr (pfam19222) - RdRp (cd23173); orf2-par : hypothetical protein
seq250	PX098765	Teltow Canal noda-like virus 179 MR233-17E/7722	2226 nt	partial	18.4699	orf1-par : MethylTr (pfam19222) - RdRp (cd23173); orf2-par : hypothetical protein
seq251	PX098766	Teltow Canal noda-like virus 180 MR233-17D/1963	2389 nt	partial	21.5839	orf1-par : MethylTr (pfam19222) - RdRp (cd23173); orf2-par : hypothetical protein
seq252	PX098767	Teltow Canal noda-like virus 181 MR233-17E/9259	2072 nt	partial	13.0164	orf1-par : RdRp (cd23173); orf2-par : hypothetical protein
seq253	PX098768	Teltow Canal noda-like virus 182 MR233-17E/10349	1916 nt	partial	7.60386	orf-par : MethylTr (pfam19222) - RdRp (cd23173)
seq254	PX098769	Teltow Canal noda-like virus 183 MR233-17D/126154	989 nt	partial	6.94944	orf-par : MethylTr (pfam19222)
seq255	PX098770	Teltow Canal noda-like virus 184 MR233-17E/5258	2730 nt	partial	346.656	orf-par : MethylTr (pfam19222) - RdRp (cd23173)