

Redondovirus genomes (query sequences)	Position on query	Query sequence fragment aligned with <i>Entamoeba</i> spp. DNA	Species hit
Vientovirus MW (MK059772.1)	2214-2301	CTGAAATCGTCAATGATTGCAACTGGTTGACCTCTATAGCCGTCGAACCATTTAAGTGTTTCATTTGACATCCAGTATTCACCATTA	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus MW (MK059772.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus XM (MK059771.1)	986-1027	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus MC (MK059770.1)	986-1027	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus LZ (MK059769.1)	2210-2294	TCTGAAGTCATCAATTATTGCGAGCTTTTGACCGTGATATCCATCAAAACCAACGTAAGGAGTCGTTTGATATCCAATAGTCTCCA	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus LZ (MK059769.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus EC (MK059768.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus AV (MK059767.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus FB (MK059763.1)	2125-2297	TACAAATCCTCCTTTCACTTGTACGATCAGGTTATAGCCATCAAGTAACCTGAGGAGGAAGCTCCATTCTGTAAGCATCGATTTCCTGAAGTCGTCATGATTG	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus FB (MK059763.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus ES (MK059762.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus DC (MK059761.1)	2122-2294	TACAAATCCTCCTTTCACTTGTACGATCAGGTTATAGCCATCAAGTAACCTGAGGAGGAAGCTCCATTCTGTAAGCATCGATTTCCTGAAGTCGTCATGATTG	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus DC (MK059761.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus VN (MT759843.1)	2207-2284	TCTGAAGTCATCAATGATGGCGATTTCCTGACCGTGTGAATATCAAAACCACTTTAAGGTTTCGTTTCGAGATCCAATA	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus VN (MT759843.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus JB (MK059764.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Brisavirus II (MK059755.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Brisavirus RC (MK059757.1)	986-1027	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Brisavirus YH (MK059758.1)	2061-2242	ATTATTATCTTTGGTCCCATTTTACGAACCCCTCCCTTTATTGCAACAATGAGGGGATATCTGTGCGATGAAGCGTAACAAGAATGCCATGAGGCAATATATCTCTTCTTTAAATCATCAAAGACAGCTATTCTTGTCCACAATAGGCATCAAAACCACTTCAGGCTATCGTTTCGAGATCCA	<i>Entamoeba invadens</i> (XM_004185684.1)
Brisavirus AA (MK059754.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Human respiratory circular DNA virus isolate 15232 (KY328746.1)	2211-2295	TCTGAAGTCATCAATATTGCGAGCTTTTGACCGTGATATCCATCAAAACCAACGTAAGGAGTCGTTTGATATCCAATAGTCTCCA	<i>Entamoeba invadens</i> (XM_004185684.1)
Human respiratory circular DNA virus isolate 15232 (KY328746.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Human respiratory circular DNA virus isolate 15037 (KY328745.1)	2211-2295	TCTGAAGTCATCAATATTGCGAGCTTTTGACCGTGATATCCATCAAAACCAACGTAAGGAGTCGTTTGATATCCAATAGTCTCCA	<i>Entamoeba invadens</i> (XM_004185684.1)
Human respiratory circular DNA virus isolate 15037 (KY328745.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Human respiratory circular DNA virus isolate 15040 (KY244146.1), 15065 (KY579361.1), 15027 (KY579360.1), 15078 (KY579362.1)	2211-2295	TCTGAAGTCATCAATATTGCGAGCTTTTGACCGTGATATCCATCAAAACCAACGTAAGGAGTCGTTTGATATCCAATAGTCTCCA	<i>Entamoeba invadens</i> (XM_004185684.1)
Human respiratory circular DNA virus isolate 15040 (KY244146.1), 15065 (KY579361.1), 15027 (KY579360.1), 15078 (KY579362.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Redondovirus sp. Isolate 1 (MT482428.1)	989-1030	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Redondovirus sp. Isolate 10 (MT482429.1)	2203-2277	TCGCTATTATAGCAACTTTCTGGCTATTATAGCCGTGGAACAGTGAAGATTGTCATTGTTATCCAATAGTCT	<i>Entamoeba invadens</i> (XM_004185684.1)
Redondovirus sp. Isolate 10 (MT482429.1)	986-1027	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Redondovirus sp. Isolate 11 (MT482430.1)	2125-2297	TACAAATCCTCCTTTCACTTGAACGATCAGGTTATAGCCATCAAGTAACCTGAGGAGGAAGCTCCATTCTGTAAGCATCGATTTCCTGAAGTCGTCATGATTG	<i>Entamoeba invadens</i> (XM_004185684.1)
Redondovirus sp. Isolate 11 (MT482430.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Redondovirus sp. Isolate 25 (MT482431.1)	986-1027	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Redondovirus sp. Isolate 26 (MT482432.1)	986-1027	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate p67_20161228_ET_WGA_B (MZ405079.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate p67_20161228_ET_WGA_A (MZ405078.1)	2208-2292	TCTGAAGTCATCAATATTGCGAGCTTTTGACCGTGATATCCATCAAAACCAACGTAAGGAGTCGTTTGATATCCAATAGTCTCCA	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus isolate p67_20161228_ET_WGA_A (MZ405078.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate p67_20161223_ET_A1 (MZ405077.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate p67_20161216_ET_C1 (MZ405076.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate p67_20161216_ET_B10 (MZ405075.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Brisavirus isolate p67_20161208_OP_D7 (MZ405073.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Brisavirus isolate p48_v2_ET_w8_c3 (MZ405057.1)	2069-2250	ATTATTATCTTTGGTCCCATTTTACGAACCCCTCCCTTTATTGCAACAATGAGGGGATATCTGTGCGATGAAGCGTAACAAGAATGCCATGAGGCAATATATCT	<i>Entamoeba invadens</i> (XM_004185684.1)
Brisavirus isolate p48_v2_ET_w8_c3 (MZ405057.1)	986-1027	ATAAAGTATATGATATGTCAAAGCCATTTTCCTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate p48_v2_ET_w11_c2 (MZ405066.1)	2125-2297	TACAAATCCTCCTTTCACTTGTACGATCAGGTTATAGCCATCAAGTAACCTGAGGAGGAAGCTCCATTCTGTAAGCATCGATTTCCTGAAGTCGTCATGATTG	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus isolate p48_v2_ET_w11_c2 (MZ405066.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate p48_v2_ET_w10_c4 (MZ405064.1)	2125-2297	TACAAATCCTCCTTTCACTTGTACGATCAGGTTATAGCCATCAAGTAACCTGAGGAGGAAGCTCCATTCTGTAAGCATCGATTTCCTGAAGTCGTCATGATTG	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus isolate p48_v2_ET_w10_c4 (MZ405064.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate p48_v2_ET_w9_c4 (MZ405062.1)	2125-2297	TACAAATCCTCCTTTCACTTGTACGATCAGGTTATAGCCATCAAGTAACCTGAGGAGGAAGCTCCATTCTGTAAGCATCGATTTCCTGAAGTCGTCATGATTG	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus isolate p48_v2_ET_w9_c4 (MZ405062.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate p48_v1_ET_w5_c4 (MZ405050.1)	2212-2289	TCTGAAGTCATCAATGATGGCGATTTCCTGACCGTGTGAATATCAAAACCACTTTAAGGTTTCGTTTCGAGATCCAATA	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus isolate p48_v1_ET_w5_c4 (MZ405050.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate p48_v1_ET_w4_c3 (MZ405046.1)	2125-2297	TACAAATCCTCCTTTCACTTGTACGATCAGGTTATAGCCATCAAGTAACCTGAGGAGGAAGCTCCATTCTGTAAGCATCGATTTCCTGAAGTCGTCATGATTG	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus isolate p48_v1_ET_w4_c3 (MZ405046.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate p48_v1_ET_w2_c2 (MZ405041.1)	2125-2297	TACAAATCCTCCTTTCACTTGTACGATCAGGTTATAGCCATCAAGTAACCTGAGGAGGAAGCTCCATTCTGTAAGCATCGATTTCCTGAAGTCGTCATGATTG	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus isolate p48_v1_ET_w2_c2 (MZ405041.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate p48_v1_ET_w1_c4 (MZ405038.1)	2212-2289	TCTGAAGTCATCAATGATGGCGATTTCCTGACCGTGTGAATATCAAAACCACTTTAAGGTTTCGTTTCGAGATCCAATA	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus isolate p48_v1_ET_w1_c4 (MZ405038.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate ET738-12 (MZ405035.1)	2212-2289	TCTGAAGTCATCAATGATGGCGATTTCCTGACCGTGTGAATATCAAAACCACTTTAAGGTTTCGTTTCGAGATCCAATA	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus isolate ET738-12 (MZ405035.1)	986-1031	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTAGGCC	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate ET203-9 (MZ405022.1)	986-1027	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate ET724-8 (MZ405033.1)	2212-2289	TCTGAAGTCATCAATATTGCGAGCTTTTGACCGTGATATCCATCAAAACCAACGTAAGGAGTCGTTTGATATCCAATAGTCTCCA	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus isolate ET724-8 (MZ405033.1)	986-1027	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate ET724-2 (MZ405030.1)	2194-2278	TCTGAAGTCATCAATATTGCGAGCTTTTGACCGTGATATCCATCAAAACCAACGTAAGGAGTCGTTTGATATCCAATAGTCTCCA	<i>Entamoeba invadens</i> (XM_004185684.1)
Vientovirus isolate ET724-2 (MZ405030.1)	986-1027	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate ET207-1 (MZ405023.1)	986-1027	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)
Vientovirus isolate CM895-9 (MZ405019.1)	986-1027	ATAAAGTATATGATATGTCAAAGCCTTTTCATTCTTTGTTA	<i>Entamoeba histolytica</i> (AP023130.1)

query acc.ver	subject acc.ver	subject id.	subject length and type	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evalue	bit score
Vientovirus_MW_MK059772.1_pos2214-2301	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	75,3	89	20	2	1	87	761	673	1,0E-07	55,4
Vientovirus_MW_MK059772.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_XM_MK059771.1_pos1776-1830	AP023127.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 19 DNA, nearly complete genome	601,141 bp linear DNA	82,9	41	7	0	13	53	74159	74119	3,3E-04	43,7
Vientovirus_XM_MK059771.1_pos1776-1818	AP023127.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 19 DNA, nearly complete genome	601,141 bp linear DNA	85,0	40	4	1	2	41	78101	78064	2,1E-04	43,7
Vientovirus_XM_MK059771.1_pos1777-1818	AP023127.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 19 DNA, nearly complete genome	601,141 bp linear DNA	85,0	40	4	1	1	40	78101	78064	2,0E-04	43,7
Vientovirus_XM_MK059771.1_pos986-1027	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	88,1	42	5	0	1	42	463656	463697	1,1E-07	54,5
Vientovirus_MC_MK059770.1_pos1770-1837	AP023119.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 11 DNA, nearly complete genome	1,194,977 bp linear DNA	86,8	38	5	0	15	52	705576	705613	3,8E-05	47,3
Vientovirus_MC_MK059770.1_pos986-1027	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	88,1	42	5	0	1	42	463656	463697	1,1E-07	54,5
Vientovirus_LZ_MK059769.1_pos2210-2294	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	80,2	86	15	2	1	85	762	678	1,3E-12	72,5
Vientovirus_LZ_MK059769.1_pos	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	80,2	86	15	2	1	85	762	678	1,3E-12	72,5
Vientovirus_LZ_MK059769.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_EC_MK059768.1_pos1768-1822	AP023127.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 19 DNA, nearly complete genome	601,141 bp linear DNA	78,6	56	9	2	1	55	96089	96036	1,0E-03	41,9
Vientovirus_EC_MK059768.1_pos1772-1826	AP023135.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 27 DNA, nearly complete genome	118,222 bp linear DNA	95,8	24	1	0	18	41	62487	62464	4,0E-03	40,1
Vientovirus_EC_MK059768.1_pos1796-1832	AP023115.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 7 DNA, nearly complete genome	1,398,980 bp linear DNA	84,8	33	5	0	4	36	188562	188594	6,0E-03	38,3
Vientovirus_EC_MK059768.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_AV_MK059767.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_FB_MK059763.1_pos2125-2297	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	70,1	174	48	3	1	173	843	673	1,1E-11	70,7
Vientovirus_FB_MK059763.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_ES_MK059762.1_pos2449-2531	XM_008856450.1	Entamoeba nuttalli P19 protein kinase domain containing protein partial mRNA	2,736 bp linear mRNA	85,3	34	3	1	7	38	2242	2209	2,6E-02	37,4
Vientovirus_ES_MK059762.1_pos986-1031	AP023135.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 27 DNA, nearly complete genome	1,284 bp linear mRNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_DC_MK059761.1_pos2122-2294	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	70,1	174	48	3	1	173	843	673	1,1E-11	70,7
Vientovirus_DC_MK059761.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_VN_MT759843.1_pos2207-2284	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	78,5	79	15	2	1	78	762	685	7,3E-09	59,9
Vientovirus_VN_MT759843.1_pos2937-3001	AP023113.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 5 DNA, nearly complete genome	1,590,735 bp linear DNA	78,2	55	11	1	7	61	1523604	1523551	4,3E-04	42,8
Vientovirus_VN_MT759843.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_JB_MK059764.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Brisavirus_IL_MK059755.1_pos1804-1881	AP023111.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 3 DNA, nearly complete genome	1,619,944 bp linear DNA	78,3	60	11	1	1	58	518483	518424	1,3E-05	48,2
Brisavirus_IL_MK059755.1_pos1828-1866	XM_008861204.1	Entamoeba nuttalli P19 leucine rich repeat protein, BspA family protein partial mRNA	660 bp linear mRNA	92,9	28	1	1	9	36	49	75	2,0E-03	39,2
Brisavirus_IL_MK059755.1_pos1764-1854	AP023119.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 11 DNA, nearly complete genome	1,194,977 bp linear DNA	78,4	51	11	0	38	88	898525	898575	7,0E-04	43,7
Brisavirus_IL_MK059755.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Brisavirus_MD_MK059756.1_pos1111-1167	AP023129.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 21 DNA, nearly complete genome	476,802 bp linear DNA	87,9	33	3	1	26	57	213738	213770	4,0E-03	39,2
Brisavirus_VW_MK059759.1_pos2453-2508	XM_001733488.1	Entamoeba dispar SAW760 hypothetical protein EDL164160 mRNA, complete cds	636 bp linear mRNA	88,2	34	4	0	21	54	436	403	9,7E-05	44,6
Brisavirus_VW_MK059759.1_pos1773-1824	AP023111.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 3 DNA, nearly complete genome	1,619,944 bp linear DNA	96,0	25	1	0	8	32	765754	765730	1,0E-03	41,9
Brisavirus_RC_MK059757.1_pos2504-2577	XM_008861037.1	Entamoeba nuttalli P19 Spc97 / Spc98 family protein partial mRNA	1,908 bp linear mRNA	92,0	25	2	0	32	56	985	961	2,2E-02	37,4
Brisavirus_RC_MK059757.1_pos986-1027	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	88,1	42	5	0	1	42	463656	463697	1,1E-07	54,5
Brisavirus_YH_MK059758.1_pos2061-2242	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	68,1	182	55	2	1	182	866	688	6,2E-09	61,7
Brisavirus_AA_MK059754.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Human_respiratory_circular_DNA_virus_isolate_15232_KY328746.1_pos2211-2295	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	80,2	86	15	2	1	85	762	678	1,3E-12	72,5
Human_respiratory_circular_DNA_virus_isolate_15232_KY328746.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Human_respiratory_circular_DNA_virus_isolate_15037_KY328745.1_pos986-1031	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	80,2	86	15	2	1	85	762	678	1,3E-12	72,5
Human_respiratory_circular_DNA_virus_isolate_15040_KY244146.1_1_5065_KY579361.1_1_5027_KY579360.1_1_5078_KY579362.1_pos2211-2295	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	80,2	86	15	2	1	85	762	678	1,3E-12	72,5
Human_respiratory_circular_DNA_virus_isolate_15040_KY244146.1_1_5065_KY579361.1_1_5027_KY579360.1_1_5078_KY579362.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Redondovirus_sp._Isolate_1_MT482428.1_pos989-1030	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	88,1	42	5	0	1	42	463656	463697	1,1E-07	54,5
Redondovirus_sp._Isolate_10_MT482429.1_pos2203-2277	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	76,0	75	18	0	1	75	755	681	8,4E-08	55,4
Redondovirus_sp._Isolate_10_MT482429.1_pos986-1027	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	88,1	42	5	0	1	42	463656	463697	1,1E-07	54,5
Redondovirus_sp._Isolate_11_MT482430.1_pos2125-2297	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	70,7	174	47	3	1	173	843	673	2,6E-13	75,2
Redondovirus_sp._Isolate_11_MT482430.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Redondovirus_sp._Isolate_25_MT482431.1_pos986-1027	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	88,1	42	5	0	1	42	463656	463697	1,1E-07	54,5
Redondovirus_sp._Isolate_26_MT482432.1_pos986-1027	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	88,1	42	5	0	1	42	463656	463697	1,1E-07	54,5
Vientovirus_isolate_p67_20161228_ET_WGA_B_MZ405079.1_pos2921-2975	AP023113.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 5 DNA, nearly complete genome	1,590,735 bp linear DNA	81,1	37	7	0	19	55	1523604	1523568	4,9E-02	36,5
Vientovirus_isolate_p67_20161228_ET_WGA_B_MZ405079.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_isolate_p67_20161228_ET_WGA_A_MZ405078.1_pos2208-2292	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	80,2	86	15	2	1	85	762	678	1,3E-12	72,5
Vientovirus_isolate_p67_20161228_ET_WGA_A_MZ405078.1_pos2922-2976	AP023113.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 5 DNA, nearly complete genome	1,590,735 bp linear DNA	81,1	37	7	0	19	55	1523604	1523568	4,9E-02	36,5

query acc.ver	subject acc.ver	subject id.	subject length and type	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evalue	bit score
Vientovirus_isolate_p67_20161228_ET_WGA_A_MZ405078.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_isolate_p67_20161223_ET_A1_MZ405077.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_isolate_p67_20161216_ET_C1_MZ405076.1_pos2921-2975	AP023113.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 5 DNA, nearly complete genome	1,590,735 bp linear DNA	81,1	37	7	0	19	55	1523604	1523568	4,9E-02	36,5
Vientovirus_isolate_p67_20161216_ET_C1_MZ405076.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_isolate_p67_20161216_ET_B10_MZ405075.1_pos2918-2972	AP023113.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 5 DNA, nearly complete genome	1,590,735 bp linear DNA	81,1	37	7	0	19	55	1523604	1523568	4,9E-02	36,5
Vientovirus_isolate_p67_20161216_ET_B10_MZ405075.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Brisavirus_isolate_p67_20161208_OP_D7_MZ405073.1_pos317-370	XM_004255428.1	Entamoeba invadens IP1 hypothetical protein (EIN_194640) mRNA, complete cds	792 bp linear mRNA	100,0	19	0	0	17	35	281	299	4,7E-02	35,6
Brisavirus_isolate_p67_20161208_OP_D7_MZ405073.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Brisavirus_isolate_p48_v2_ET_w8_c3_MZ405057.1_pos2069-2250	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	68,7	182	54	2	1	182	866	688	1,5E-10	66,2
Brisavirus_isolate_p48_v2_ET_w8_c3_MZ405057.1_pos986-1027	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	88,1	42	5	0	1	42	463656	463697	1,1E-07	54,5
Vientovirus_isolate_p48_v2_ET_w11_c2_MZ405066.1_pos2125-2297	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	70,1	174	48	3	1	173	843	673	1,1E-11	70,7
Vientovirus_isolate_p48_v2_ET_w11_c2_MZ405066.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_isolate_p48_v2_ET_w10_c4_MZ405064.1_pos2125-2297	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	70,1	174	48	3	1	173	843	673	1,1E-11	70,7
Vientovirus_isolate_p48_v2_ET_w10_c4_MZ405064.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_isolate_p48_v2_ET_w9_c4_MZ405062.1_pos2125-2297	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	70,1	174	48	3	1	173	843	673	1,1E-11	70,7
Vientovirus_isolate_p48_v2_ET_w9_c4_MZ405062.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_isolate_p48_v1_ET_w5_c4_MZ405050.1_pos2212-2289	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	78,5	79	15	2	1	78	762	685	7,3E-09	59,9
Vientovirus_isolate_p48_v1_ET_w5_c4_MZ405050.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_isolate_p48_v1_ET_w4_c3_MZ405046.1_pos2125-2297	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	70,1	174	48	3	1	173	843	673	1,1E-11	70,7
Vientovirus_isolate_p48_v1_ET_w4_c3_MZ405046.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_isolate_p48_v1_ET_w2_c2_MZ405041.1_pos2125-2297	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	70,1	174	48	3	1	173	843	673	1,1E-11	70,7
Vientovirus_isolate_p48_v1_ET_w2_c2_MZ405041.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_isolate_p48_v1_ET_w1_c4_MZ405038.1_pos2212-2289	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	78,5	79	15	2	1	78	762	685	7,3E-09	59,9
Vientovirus_isolate_p48_v1_ET_w1_c4_MZ405038.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_isolate_ET738-12_MZ405035.1_pos2212-2289	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	78,5	79	15	2	1	78	762	685	7,3E-09	59,9
Vientovirus_isolate_ET738-12_MZ405035.1_pos986-1031	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	87,0	46	6	0	1	46	463656	463701	1,1E-08	57,2
Vientovirus_isolate_ET203-9_MZ405022.1_pos986-1027	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	88,1	42	5	0	1	42	463656	463697	1,1E-07	54,5
Vientovirus_isolate_ET724-8_MZ405033.1_pos2212-2289	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	80,2	86	15	2	1	85	762	678	1,3E-12	72,5
Vientovirus_isolate_ET724-8_MZ405033.1_pos986-1027	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	88,1	42	5	0	1	42	463656	463697	1,1E-07	54,5
Vientovirus_isolate_ET724-2_MZ405030.1_pos2194-2278	XM_004185684.1	Entamoeba invadens IP1 replication-associated protein, putative (EIN_004330) mRNA, complete cds	1,284 bp linear mRNA	80,2	86	15	2	1	85	762	678	1,3E-12	72,5
Vientovirus_isolate_ET724-2_MZ405030.1_pos1771-1837	AP023119.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 11 DNA, nearly complete genome	1,194,977 bp linear DNA	86,8	38	4	1	15	51	705576	705613	4,6E-04	43,7
Vientovirus_isolate_ET724-2_MZ405030.1_pos986-1027	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	88,1	42	5	0	1	42	463656	463697	1,1E-07	54,5
Vientovirus_isolate_ET207-1_MZ405023.1_pos986-1027	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	88,1	42	5	0	1	42	463656	463697	1,1E-07	54,5
Vientovirus_isolate_CM895-9_MZ405019.1_pos986-1027	AP023130.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 22 DNA, nearly complete genome	467,248 bp linear DNA	88,1	42	5	0	1	42	463656	463697	1,1E-07	54,5
Brisavirus_isolate_ET239-2_MZ405025.1_pos1795-1848	XM_008858086.1	Entamoeba nuttalli P19 RNA pseudouridine synthase superfamily protein partial mRNA	1,209 bp linear mRNA	86,8	38	2	2	2	39	301	335	1,0E-03	41,0
Brisavirus_isolate_ET239-2_MZ405025.1_pos2443-2502	AP023126.1	Entamoeba histolytica HM-1:IMSS Clone 6 2001, chromosome 18 DNA, nearly complete genome	732,483 bp linear DNA	84,0	50	6	2	7	54	297379	297330	9,0E-06	48,2
Brisavirus_isolate_ET239-2_MZ405025.1_pos1785-1846	XM_008860033.1	Entamoeba nuttalli P19 Sec6 protein, putative partial mRNA	2,301 bp linear mRNA	92,6	27	2	0	9	35	358	384	1,0E-03	41,0