

3817 MINERAL POINT ROAD
MADISON, WI 53705-5100
TEL 608/262.1705
FAX 608/262.8086
WWW.UWEX.EDU/WGNHS/

JAMES M. ROBERTSON
DIRECTOR AND STATE GEOLOGIST

Virus analyses data for the project “Human viruses as tracers of wastewater pathways into deep municipal wells”

Kenneth R. Bradbury

Wisconsin Geological and Natural History Survey
University of Wisconsin–Extension

Mark A. Borchardt

Marshfield Clinic Research Foundation
(Present affiliation: USDA–Agricultural Research Service)

Madeline B. Gotkowitz

Wisconsin Geological and Natural History Survey
University of Wisconsin–Extension

Susan K. Spencer

Marshfield Clinic Research Foundation
(Present affiliation: USDA–Agricultural Research Service)

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This report represents work performed by the Wisconsin Geological and Natural History Survey and colleagues and is released to the open files in the interest of making the information readily available. This report has not been edited or reviewed for conformity with the Wisconsin Geological and Natural History Survey standards and nomenclature.

Virus analyses for the project “Human Viruses as Tracers of Wastewater Pathways into Deep Municipal Wells”

This document contains the laboratory data for virus analyses in groundwater, surface water, and sewage influent described in the report “Human viruses as tracers of wastewater pathways into deep municipal wells” by K.R. Bradbury, M.A. Borchardt, M.B. Gotkowitz, and S.K. Spencer, 2010.

Explanation for laboratory virus data.

Data Element	Explanation
MC Sample ID	Unique sample identifier number used by Marshfield Clinic
Sample site	single number (“7”) refers to Madison Water Utility Unit Well designation Lake name (“Mendota”, “Monona”, “Wingra”) indicates lake sample “MMSD” or “MMSW” indicate clarified sewage influent at the MMSD plant “BLANK” indicates blank quality-control sample
Sample sequence	consecutive number of sampling event
Virus type	General virus type. “H” denotes Hepatitis A virus; “R” denotes rotavirus; “A” denotes adenovirus; “E” denotes enterovirus; “G1” and “G2” denote Norovirus genogroups I and II, respectively.
Mean Virus Concentration	Mean virus concentration detected in sample, in genomic copies per liter of water sampled (gc/l)
Collection date	date sample was collected
Liters	total volume of water filtered during collection
Infectivity Results	Results of infectivity test on virus-positive samples. CPE = visually observed cytopathic effect; ICC-PCR = Integrated Cell Culture – Polymerase Chain Reaction where a sample was deemed positive for infective virus when after culturing four weeks, the number of genomic copies increased 10-fold relative to the genomic copy number in the original sample. NS = insufficient sample volume available for cell culture.
Serotype	Virus serotypes identified. “Ad” denotes adenovirus; “Ech” denotes echovirus; “Cox” denotes coxsackievirus; “uts” indicates “unable to sequence” due to insufficient sample

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32117	7	1	A	4.94E-02	9/25/07	1139.4	NS	NS	Ad 7
32117	7	1	E	0.00E+00	9/25/07	1139.4			
32117	7	1	G1	0.00E+00	9/25/07	1139.4			
32117	7	1	G2	0.00E+00	9/25/07	1139.4			
32117	7	1	H	0.00E+00	9/25/07	1139.4			
32117	7	1	R	0.00E+00	9/25/07	1139.4			
32427	7	2	A	1.68E-01	10/25/07	817.6	No	No	Ad 41, Ad 31
32427	7	2	E	5.87E-01	10/25/07	817.6	No	No	Ech 3
32427	7	2	G1	0.00E+00	10/25/07	817.6			
32427	7	2	G2	0.00E+00	10/25/07	817.6			
32587	7	4	E	1.12E-01	1/4/08	556.5	No	Yes	Ech 6
32587	7	4	A	0.00E+00	1/4/08	556.5			
32587	7	4	G1	0.00E+00	1/4/08	556.5			
32587	7	4	G2	0.00E+00	1/4/08	556.5			
32587	7	4	H	0.00E+00	1/4/08	556.5			
32587	7	4	R	0.00E+00	1/4/08	556.5			
32605	7	5	A	2.37E-01	1/28/08	919.9	No	No	Ad 7, Ad 31
32605	7	5	E	4.78E+00	1/28/08	919.9	No	Yes	Ech 6
32605	7	5	G1	0.00E+00	1/28/08	919.9			
32605	7	5	G2	0.00E+00	1/28/08	919.9			
32605	7	5	H	0.00E+00	1/28/08	919.9			
32605	7	5	R	0.00E+00	1/28/08	919.9			
32621	7	6	A	0.00E+00	2/28/08	813.9			
32621	7	6	E	0.00E+00	2/28/08	813.9			
32621	7	6	G1	0.00E+00	2/28/08	813.9			
32621	7	6	G2	0.00E+00	2/28/08	813.9			
32621	7	6	H	0.00E+00	2/28/08	813.9			
32621	7	6	R	0.00E+00	2/28/08	813.9			
32637	7	7	A	0.00E+00	3/26/08	829.0			
32637	7	7	E	0.00E+00	3/26/08	829.0			
32637	7	7	G1	0.00E+00	3/26/08	829.0			
32637	7	7	G2	0.00E+00	3/26/08	829.0			
32637	7	7	H	0.00E+00	3/26/08	829.0			
32637	7	7	R	0.00E+00	3/26/08	829.0			
32838	7	8	A	0.00E+00	4/30/08	829.0			
32838	7	8	E	0.00E+00	4/30/08	829.0			
32838	7	8	G1	0.00E+00	4/30/08	829.0			
32838	7	8	G2	0.00E+00	4/30/08	829.0			
32838	7	8	H	0.00E+00	4/30/08	829.0			
32838	7	8	R	0.00E+00	4/30/08	829.0			
32865	7	9	A	0.00E+00	5/27/08	916.0			
32865	7	9	E	0.00E+00	5/27/08	916.0			
32865	7	9	G1	0.00E+00	5/27/08	916.0			
32865	7	9	G2	0.00E+00	5/27/08	916.0			
32865	7	9	H	0.00E+00	5/27/08	916.0			
32865	7	9	R	0.00E+00	5/27/08	916.0			
32944	7	10	A	6.19E-02	7/8/08	950.1	No	No	Ad 7, Ad 31
32944	7	10	E	5.46E+00	7/8/08	950.1	No	No	Cox A16

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32944	7	10	G1	0.00E+00	7/8/08	950.1			
32944	7	10	G2	0.00E+00	7/8/08	950.1			
32944	7	10	H	0.00E+00	7/8/08	950.1			
32944	7	10	R	0.00E+00	7/8/08	950.1			
32970	7	11	A	5.84E-02	7/29/08	817.6	No	No	Ad 7, Ad 31
32970	7	11	E	3.77E+00	7/29/08	817.6	No	No	Cox B3
32970	7	11	G1	0.00E+00	7/29/08	817.6			
32970	7	11	G2	0.00E+00	7/29/08	817.6			
32970	7	11	H	0.00E+00	7/29/08	817.6			
32970	7	11	R	0.00E+00	7/29/08	817.6			
32986	7	12	A	0.00E+00	9/3/08	1627.7			
32986	7	12	E	0.00E+00	9/3/08	1627.7			
32986	7	12	G1	0.00E+00	9/3/08	1627.7			
32986	7	12	G2	0.00E+00	9/3/08	1627.7			
32986	7	12	H	0.00E+00	9/3/08	1627.7			
32986	7	12	R	0.00E+00	9/3/08	1627.7			
33001	7	13	A	2.17E-02	9/17/08	844.1	No	No	Ad 41
33001	7	13	E	0.00E+00	9/17/08	844.1			
33001	7	13	G1	0.00E+00	9/17/08	844.1			
33001	7	13	G2	0.00E+00	9/17/08	844.1			
33001	7	13	H	0.00E+00	9/17/08	844.1			
33001	7	13	R	0.00E+00	9/17/08	844.1			
33008	7	14	A	1.05E-01	9/30/08	1059.9	No	Yes	Ad 41
33008	7	14	E	0.00E+00	9/30/08	1059.9			
33008	7	14	G1	0.00E+00	9/30/08	1059.9			
33008	7	14	G2	0.00E+00	9/30/08	1059.9			
33008	7	14	H	0.00E+00	9/30/08	1059.9			
33008	7	14	R	0.00E+00	9/30/08	1059.9			
33014	7	15	A	0.00E+00	10/13/08	1287.0			
33014	7	15	E	0.00E+00	10/13/08	1287.0			
33014	7	15	G1	0.00E+00	10/13/08	1287.0			
33014	7	15	G2	0.00E+00	10/13/08	1287.0			
33014	7	15	H	0.00E+00	10/13/08	1287.0			
33014	7	15	R	0.00E+00	10/13/08	1287.0			
33028	7	16	A	0.00E+00	10/28/08	1510.4			
33028	7	16	E	0.00E+00	10/28/08	1510.4			
33028	7	16	G1	0.00E+00	10/28/08	1510.4			
33028	7	16	G2	0.00E+00	10/28/08	1510.4			
33028	7	16	H	0.00E+00	10/28/08	1510.4			
33028	7	16	R	0.00E+00	10/28/08	1510.4			
33129	7	18	A	0.00E+00	12/2/08	859.3			
33129	7	18	E	0.00E+00	12/2/08	859.3			
33129	7	18	G1	0.00E+00	12/2/08	859.3			
33129	7	18	G2	0.00E+00	12/2/08	859.3			
33129	7	18	H	0.00E+00	12/2/08	859.3			
33129	7	18	R	0.00E+00	12/2/08	859.3			
33141	7	19	A	0.00E+00	12/16/08	999.3			
33141	7	19	E	0.00E+00	12/16/08	999.3			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33141	7	19	G1	0.00E+00	12/16/08	999.3			
33141	7	19	G2	0.00E+00	12/16/08	999.3			
33141	7	19	H	0.00E+00	12/16/08	999.3			
33141	7	19	R	0.00E+00	12/16/08	999.3			
33149	7	20	A	0.00E+00	1/6/09	961.5			
33149	7	20	E	0.00E+00	1/6/09	961.5			
33149	7	20	G1	0.00E+00	1/6/09	961.5			
33149	7	20	G2	0.00E+00	1/6/09	961.5			
33149	7	20	H	0.00E+00	1/6/09	961.5			
33149	7	20	R	0.00E+00	1/6/09	961.5			
33158	7	21	A	0.00E+00	1/21/09	813.9			
33158	7	21	E	0.00E+00	1/21/09	813.9			
33158	7	21	G1	0.00E+00	1/21/09	813.9			
33158	7	21	G2	0.00E+00	1/21/09	813.9			
33158	7	21	H	0.00E+00	1/21/09	813.9			
33158	7	21	R	0.00E+00	1/21/09	813.9			
33168	7	22	A	0.00E+00	2/4/09	1298.0			
33168	7	22	E	0.00E+00	2/4/09	1298.0			
33168	7	22	G1	0.00E+00	2/4/09	1298.0			
33168	7	22	G2	0.00E+00	2/4/09	1298.0			
33168	7	22	H	0.00E+00	2/4/09	1298.0			
33168	7	22	R	0.00E+00	2/4/09	1298.0			
33190	7	23	A	0.00E+00	2/19/09	832.8			
33190	7	23	E	0.00E+00	2/19/09	832.8			
33190	7	23	G1	0.00E+00	2/19/09	832.8			
33190	7	23	G2	0.00E+00	2/19/09	832.8			
33190	7	23	H	0.00E+00	2/19/09	832.8			
33190	7	23	R	0.00E+00	2/19/09	832.8			
33230	7	24	A	6.29E-01	3/11/09	757.1	No	No	Ad 41, Ad 31
33230	7	24	E	0.00E+00	3/11/09	757.1			
33230	7	24	G1	0.00E+00	3/11/09	757.1			
33230	7	24	G2	0.00E+00	3/11/09	757.1			
33230	7	24	H	0.00E+00	3/11/09	757.1			
33230	7	24	R	0.00E+00	3/11/09	757.1			
33289	7	25	A	1.04E-01	3/31/09	806.3	No	Yes	Ad 41
33289	7	25	E	1.57E-02	3/31/09	806.3	No	No	Ech 30
33289	7	25	G1	0.00E+00	3/31/09	806.3			
33289	7	25	G2	0.00E+00	3/31/09	806.3			
33289	7	25	H	0.00E+00	3/31/09	806.3			
33289	7	25	R	0.00E+00	3/31/09	806.3			
33339	7	26	A	1.23E-01	4/30/09	1014.5	No	No	Ad 41
33339	7	26	E	0.00E+00	4/30/09	1014.5			
33339	7	26	G1	0.00E+00	4/30/09	1014.5			
33339	7	26	G2	0.00E+00	4/30/09	1014.5			
33339	7	26	H	0.00E+00	4/30/09	1014.5			
33339	7	26	R	0.00E+00	4/30/09	1014.5			
32118	8	1	A	0.00E+00	9/25/07	817.6			
32118	8	1	E	0.00E+00	9/25/07	817.6			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32118	8	1	G1	0.00E+00	9/25/07	817.6			
32118	8	1	G2	0.00E+00	9/25/07	817.6			
32118	8	1	H	0.00E+00	9/25/07	817.6			
32118	8	1	R	0.00E+00	9/25/07	817.6			
32540	8	2	A	2.58E-02	11/2/07	832.8	No	Yes	Ad 6
32540	8	2	E	2.76E-01	11/2/07	832.8	No	No	Ech 11
32540	8	2	G1	0.00E+00	11/2/07	832.8			
32540	8	2	G2	0.00E+00	11/2/07	832.8			
32540	8	2	H	0.00E+00	11/2/07	832.8			
32540	8	2	R	0.00E+00	11/2/07	832.8			
32115	11	1	A	2.24E-01	9/24/07	836.6	NS	NS	Ad 2
32115	11	1	E	0.00E+00	9/24/07	836.6			
32115	11	1	G1	0.00E+00	9/24/07	836.6			
32115	11	1	G2	0.00E+00	9/24/07	836.6			
32115	11	1	H	0.00E+00	9/24/07	836.6			
32115	11	1	R	0.00E+00	9/24/07	836.6			
32457	11	2	A	0.00E+00	10/30/07	1237.8			
32457	11	2	E	0.00E+00	10/30/07	1237.8			
32457	11	2	G1	0.00E+00	10/30/07	1237.8			
32457	11	2	G2	0.00E+00	10/30/07	1237.8			
32457	11	2	H	0.00E+00	10/30/07	1237.8			
32457	11	2	R	0.00E+00	10/30/07	1237.8			
32567	11	3	E	1.52E-01	11/28/07	844.1	No	No	Ech 11
32567	11	3	A	0.00E+00	11/28/07	844.1			
32567	11	3	G1	0.00E+00	11/28/07	844.1			
32567	11	3	G2	0.00E+00	11/28/07	844.1			
32567	11	3	H	0.00E+00	11/28/07	844.1			
32567	11	3	R	0.00E+00	11/28/07	844.1			
32608	11	5	A	3.06E-01	1/30/08	851.7			Ad 31
32608	11	5	E	0.00E+00	1/30/08	851.7			
32608	11	5	G1	0.00E+00	1/30/08	851.7			
32608	11	5	G2	0.00E+00	1/30/08	851.7			
32608	11	5	H	0.00E+00	1/30/08	851.7			
32608	11	5	R	0.00E+00	1/30/08	851.7			
32622	11	6	E	3.51E-01	2/27/08	768.4	No	Yes	uts
32622	11	6	A	0.00E+00	2/27/08	768.4			
32622	11	6	G1	0.00E+00	2/27/08	768.4			
32622	11	6	G2	0.00E+00	2/27/08	768.4			
32622	11	6	H	0.00E+00	2/27/08	768.4			
32622	11	6	R	0.00E+00	2/27/08	768.4			
32639	11	7	A	1.99E-02	3/27/08	829.0	No	No	Ad 41
32639	11	7	E	0.00E+00	3/27/08	829.0			
32639	11	7	G1	0.00E+00	3/27/08	829.0			
32639	11	7	G2	0.00E+00	3/27/08	829.0			
32639	11	7	H	0.00E+00	3/27/08	829.0			
32639	11	7	R	0.00E+00	3/27/08	829.0			
32842	11	8	A	0.00E+00	5/1/08	942.6			
32842	11	8	E	0.00E+00	5/1/08	942.6			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32842	11	8	G1	0.00E+00	5/1/08	942.6			
32842	11	8	G2	0.00E+00	5/1/08	942.6			
32842	11	8	H	0.00E+00	5/1/08	942.6			
32842	11	8	R	0.00E+00	5/1/08	942.6			
32876	11	9	A	0.00E+00	6/2/08	859.3			
32876	11	9	E	0.00E+00	6/2/08	859.3			
32876	11	9	G1	0.00E+00	6/2/08	859.3			
32876	11	9	G2	0.00E+00	6/2/08	859.3			
32876	11	9	H	0.00E+00	6/2/08	859.3			
32876	11	9	R	0.00E+00	6/2/08	859.3			
32945	11	10	A	1.24E-01	7/8/08	806.3	No	Yes	Ad 41, Ad 31
32945	11	10	E	6.14E+00	7/8/08	806.3	No	No	Ech 3
32945	11	10	G1	0.00E+00	7/8/08	806.3			
32945	11	10	G2	0.00E+00	7/8/08	806.3			
32945	11	10	H	0.00E+00	7/8/08	806.3			
32945	11	10	R	0.00E+00	7/8/08	806.3			
32971	11	11	E	9.43E-01	7/29/08	855.5	No	Yes	Cox B3
32971	11	11	A	0.00E+00	7/29/08	855.5			
32971	11	11	G1	0.00E+00	7/29/08	855.5			
32971	11	11	G2	0.00E+00	7/29/08	855.5			
32971	11	11	H	0.00E+00	7/29/08	855.5			
32971	11	11	R	0.00E+00	7/29/08	855.5			
32979	11	12	A	3.45E-02	8/25/08	984.2	No	No	Ad 31
32979	11	12	E	0.00E+00	8/25/08	984.2			
32979	11	12	G1	0.00E+00	8/25/08	984.2			
32979	11	12	G2	0.00E+00	8/25/08	984.2			
32979	11	12	H	0.00E+00	8/25/08	984.2			
32979	11	12	R	0.00E+00	8/25/08	984.2			
32996	11	13	A	0.00E+00	9/15/08	976.6			
32996	11	13	E	0.00E+00	9/15/08	976.6			
32996	11	13	G1	0.00E+00	9/15/08	976.6			
32996	11	13	G2	0.00E+00	9/15/08	976.6			
32996	11	13	H	0.00E+00	9/15/08	976.6			
32996	11	13	R	0.00E+00	9/15/08	976.6			
33004	11	14	A	4.05E-01	9/29/08	1639.1	No	No	Ad 41
33004	11	14	E	0.00E+00	9/29/08	1639.1			
33004	11	14	G1	0.00E+00	9/29/08	1639.1			
33004	11	14	G2	0.00E+00	9/29/08	1639.1			
33004	11	14	H	0.00E+00	9/29/08	1639.1			
33004	11	14	R	0.00E+00	9/29/08	1639.1			
33022	11	16	A	1.99E-01	10/27/08	1283.3	No	No	Ad 41
33022	11	16	E	0.00E+00	10/27/08	1283.3			
33022	11	16	G1	0.00E+00	10/27/08	1283.3			
33022	11	16	G2	0.00E+00	10/27/08	1283.3			
33022	11	16	H	0.00E+00	10/27/08	1283.3			
33022	11	16	R	0.00E+00	10/27/08	1283.3			
33130	11	18	A	5.23E-02	12/2/08	908.5	No	No	Ad 31
33130	11	18	E	0.00E+00	12/2/08	908.5			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33130	11	18	G1	0.00E+00	12/2/08	908.5			
33130	11	18	G2	0.00E+00	12/2/08	908.5			
33130	11	18	H	0.00E+00	12/2/08	908.5			
33130	11	18	R	0.00E+00	12/2/08	908.5			
33143	11	19	A	0.00E+00	12/17/08	942.6			
33143	11	19	E	0.00E+00	12/17/08	942.6			
33143	11	19	G1	0.00E+00	12/17/08	942.6			
33143	11	19	G2	0.00E+00	12/17/08	942.6			
33143	11	19	H	0.00E+00	12/17/08	942.6			
33143	11	19	R	0.00E+00	12/17/08	942.6			
33154	11	20	A	0.00E+00	1/7/09	908.5			
33154	11	20	E	0.00E+00	1/7/09	908.5			
33154	11	20	G1	0.00E+00	1/7/09	908.5			
33154	11	20	G2	0.00E+00	1/7/09	908.5			
33154	11	20	H	0.00E+00	1/7/09	908.5			
33154	11	20	R	0.00E+00	1/7/09	908.5			
33159	11	21	A	0.00E+00	1/22/09	976.6			
33159	11	21	E	0.00E+00	1/22/09	976.6			
33159	11	21	G1	0.00E+00	1/22/09	976.6			
33159	11	21	G2	0.00E+00	1/22/09	976.6			
33159	11	21	H	0.00E+00	1/22/09	976.6			
33159	11	21	R	0.00E+00	1/22/09	976.6			
33169	11	22	A	0.00E+00	2/5/09	935.0			
33169	11	22	E	0.00E+00	2/5/09	935.0			
33169	11	22	G1	0.00E+00	2/5/09	935.0			
33169	11	22	G2	0.00E+00	2/5/09	935.0			
33169	11	22	H	0.00E+00	2/5/09	935.0			
33169	11	22	R	0.00E+00	2/5/09	935.0			
33191	11	23	A	0.00E+00	2/18/09	832.8			
33191	11	23	E	0.00E+00	2/18/09	832.8			
33191	11	23	G1	0.00E+00	2/18/09	832.8			
33191	11	23	G2	0.00E+00	2/18/09	832.8			
33191	11	23	H	0.00E+00	2/18/09	832.8			
33191	11	23	R	0.00E+00	2/18/09	832.8			
33246	11	24	A	7.26E-03	3/13/09	942.6	No	No	Ad 41
33246	11	24	E	0.00E+00	3/13/09	942.6			
33246	11	24	G1	0.00E+00	3/13/09	942.6			
33246	11	24	G2	0.00E+00	3/13/09	942.6			
33246	11	24	H	0.00E+00	3/13/09	942.6			
33246	11	24	R	0.00E+00	3/13/09	942.6			
33292	11	25	A	3.59E-03	4/3/09	870.6	No	Yes	Ad 41
33292	11	25	E	1.45E-02	4/3/09	870.6	No	No	Ech 30
33292	11	25	G1	0.00E+00	4/3/09	870.6			
33292	11	25	G2	0.00E+00	4/3/09	870.6			
33292	11	25	H	0.00E+00	4/3/09	870.6			
33292	11	25	R	0.00E+00	4/3/09	870.6			
33340	11	26	A	9.40E-02	4/30/09	870.6	No	No	Ad 2
33340	11	26	E	0.00E+00	4/30/09	870.6			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33340	11	26	G1	0.00E+00	4/30/09	870.6			
33340	11	26	G2	0.00E+00	4/30/09	870.6			
33340	11	26	H	0.00E+00	4/30/09	870.6			
33340	11	26	R	0.00E+00	4/30/09	870.6			
32002	12	1	A	2.15E-01	9/14/07	1018.3	NS	NS	Ad 41
32002	12	1	E	0.00E+00	9/14/07	1018.3			
32002	12	1	G1	0.00E+00	9/14/07	1018.3			
32002	12	1	G2	0.00E+00	9/14/07	1018.3			
32002	12	1	H	0.00E+00	9/14/07	1018.3			
32002	12	1	R	0.00E+00	9/14/07	1018.3			
32425	12	2	A	2.55E-02	10/24/07	806.3	No	No	Ad 6
32425	12	2	E	2.71E-01	10/24/07	806.3	No	No	Ech 11
32425	12	2	G1	0.00E+00	10/24/07	806.3			
32425	12	2	G2	0.00E+00	10/24/07	806.3			
32425	12	2	H	0.00E+00	10/24/07	806.3			
32425	12	2	R	0.00E+00	10/24/07	806.3			
32568	12	3	A	8.51E-02	11/26/07	1294.6	No	No	Ad 41
32568	12	3	E	0.00E+00	11/26/07	1294.6			
32568	12	3	G1	0.00E+00	11/26/07	1294.6			
32568	12	3	G2	0.00E+00	11/26/07	1294.6			
32568	12	3	H	0.00E+00	11/26/07	1294.6			
32568	12	3	R	0.00E+00	11/26/07	1294.6			
32588	12	4	A	1.45E+00	1/3/08	681.4	No	No	Ad 41
32588	12	4	E	0.00E+00	1/3/08	681.4			
32588	12	4	G1	0.00E+00	1/3/08	681.4			
32588	12	4	G2	0.00E+00	1/3/08	681.4			
32588	12	4	H	0.00E+00	1/3/08	681.4			
32588	12	4	R	0.00E+00	1/3/08	681.4			
32607	12	5	A	2.44E-01	1/29/08	836.6			Ad 31
32607	12	5	E	0.00E+00	1/29/08	836.6			
32607	12	5	G1	0.00E+00	1/29/08	836.6			
32607	12	5	G2	0.00E+00	1/29/08	836.6			
32607	12	5	H	0.00E+00	1/29/08	836.6			
32607	12	5	R	0.00E+00	1/29/08	836.6			
32619	12	6	A	0.00E+00	2/26/08	1067.5			
32619	12	6	E	0.00E+00	2/26/08	1067.5			
32619	12	6	G1	0.00E+00	2/26/08	1067.5			
32619	12	6	G2	0.00E+00	2/26/08	1067.5			
32619	12	6	H	0.00E+00	2/26/08	1067.5			
32619	12	6	R	0.00E+00	2/26/08	1067.5			
32631	12	7	A	0.00E+00	3/24/08	1449.8			
32631	12	7	E	0.00E+00	3/24/08	1449.8			
32631	12	7	G1	0.00E+00	3/24/08	1449.8			
32631	12	7	G2	0.00E+00	3/24/08	1449.8			
32631	12	7	H	0.00E+00	3/24/08	1449.8			
32631	12	7	R	0.00E+00	3/24/08	1449.8			
32831	12	8	A	0.00E+00	4/28/08	806.3			
32831	12	8	E	0.00E+00	4/28/08	806.3			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32831	12	8	G1	0.00E+00	4/28/08	806.3			
32831	12	8	G2	0.00E+00	4/28/08	806.3			
32831	12	8	H	0.00E+00	4/28/08	806.3			
32831	12	8	R	0.00E+00	4/28/08	806.3			
32878	12	9	A	0.00E+00	6/2/08	810.1			
32878	12	9	E	0.00E+00	6/2/08	810.1			
32878	12	9	G1	0.00E+00	6/2/08	810.1			
32878	12	9	G2	0.00E+00	6/2/08	810.1			
32878	12	9	H	0.00E+00	6/2/08	810.1			
32878	12	9	R	0.00E+00	6/2/08	810.1			
32948	12	10	A	6.05E-03	7/9/08	878.2	No	Yes	Ad 2
32948	12	10	E	1.69E+00	7/9/08	878.2	No	No	Ech 3
32948	12	10	G1	0.00E+00	7/9/08	878.2			
32948	12	10	G2	0.00E+00	7/9/08	878.2			
32948	12	10	H	0.00E+00	7/9/08	878.2			
32948	12	10	R	0.00E+00	7/9/08	878.2			
32969	12	11	E	2.91E+00	7/28/08	817.6	No	No	Ech 3
32969	12	11	A	0.00E+00	7/28/08	817.6			
32969	12	11	G1	0.00E+00	7/28/08	817.6			
32969	12	11	G2	0.00E+00	7/28/08	817.6			
32969	12	11	H	0.00E+00	7/28/08	817.6			
32969	12	11	R	0.00E+00	7/28/08	817.6			
32980	12	12	A	0.00E+00	8/26/08	988.0			
32980	12	12	E	0.00E+00	8/26/08	988.0			
32980	12	12	G1	0.00E+00	8/26/08	988.0			
32980	12	12	G2	0.00E+00	8/26/08	988.0			
32980	12	12	H	0.00E+00	8/26/08	988.0			
32980	12	12	R	0.00E+00	8/26/08	988.0			
33002	12	13	A	2.43E-01	9/18/08	832.8	No	No	Ad 2
33002	12	13	E	0.00E+00	9/18/08	832.8			
33002	12	13	G1	0.00E+00	9/18/08	832.8			
33002	12	13	G2	0.00E+00	9/18/08	832.8			
33002	12	13	H	0.00E+00	9/18/08	832.8			
33002	12	13	R	0.00E+00	9/18/08	832.8			
33009	12	14	A	7.84E-01	9/30/08	1097.8	No	Yes	Ad 41
33009	12	14	E	0.00E+00	9/30/08	1097.8			
33009	12	14	G1	0.00E+00	9/30/08	1097.8			
33009	12	14	G2	0.00E+00	9/30/08	1097.8			
33009	12	14	H	0.00E+00	9/30/08	1097.8			
33009	12	14	R	0.00E+00	9/30/08	1097.8			
33015	12	15	A	0.00E+00	10/13/08	1040.0			
33015	12	15	E	0.00E+00	10/13/08	1040.0			
33015	12	15	G1	0.00E+00	10/13/08	1040.0			
33015	12	15	G2	0.00E+00	10/13/08	1040.0			
33015	12	15	H	0.00E+00	10/13/08	1040.0			
33015	12	15	R	0.00E+00	10/13/08	1040.0			
33029	12	16	A	0.00E+00	10/29/08	2131.2			
33029	12	16	E	0.00E+00	10/29/08	2131.2			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33029	12	16	G1	0.00E+00	10/29/08	2131.2			
33029	12	16	G2	0.00E+00	10/29/08	2131.2			
33029	12	16	H	0.00E+00	10/29/08	2131.2			
33029	12	16	R	0.00E+00	10/29/08	2131.2			
33050	12	17	A	2.27E-01	11/10/08	813.9	No	No	Ad 41
33050	12	17	E	0.00E+00	11/10/08	813.9			
33050	12	17	G1	0.00E+00	11/10/08	813.9			
33050	12	17	G2	0.00E+00	11/10/08	813.9			
33050	12	17	H	0.00E+00	11/10/08	813.9			
33050	12	17	R	0.00E+00	11/10/08	813.9			
33127	12	18	A	0.00E+00	12/1/08	832.8			
33127	12	18	E	0.00E+00	12/1/08	832.8			
33127	12	18	G1	0.00E+00	12/1/08	832.8			
33127	12	18	G2	0.00E+00	12/1/08	832.8			
33127	12	18	H	0.00E+00	12/1/08	832.8			
33127	12	18	R	0.00E+00	12/1/08	832.8			
33142	12	19	A	0.00E+00	12/16/08	1044.8			
33142	12	19	E	0.00E+00	12/16/08	1044.8			
33142	12	19	G1	0.00E+00	12/16/08	1044.8			
33142	12	19	G2	0.00E+00	12/16/08	1044.8			
33142	12	19	H	0.00E+00	12/16/08	1044.8			
33142	12	19	R	0.00E+00	12/16/08	1044.8			
33147	12	20	A	0.00E+00	1/5/09	1097.8			
33147	12	20	E	0.00E+00	1/5/09	1097.8			
33147	12	20	G1	0.00E+00	1/5/09	1097.8			
33147	12	20	G2	0.00E+00	1/5/09	1097.8			
33147	12	20	H	0.00E+00	1/5/09	1097.8			
33147	12	20	R	0.00E+00	1/5/09	1097.8			
33160	12	21	A	0.00E+00	1/20/09	972.8			
33160	12	21	E	0.00E+00	1/20/09	972.8			
33160	12	21	G1	0.00E+00	1/20/09	972.8			
33160	12	21	G2	0.00E+00	1/20/09	972.8			
33160	12	21	H	0.00E+00	1/20/09	972.8			
33160	12	21	R	0.00E+00	1/20/09	972.8			
33170	12	22	A	0.00E+00	2/2/09	1162.1			
33170	12	22	E	0.00E+00	2/2/09	1162.1			
33170	12	22	G1	0.00E+00	2/2/09	1162.1			
33170	12	22	G2	0.00E+00	2/2/09	1162.1			
33170	12	22	H	0.00E+00	2/2/09	1162.1			
33170	12	22	R	0.00E+00	2/2/09	1162.1			
33192	12	23	A	0.00E+00	2/16/09	1268.1			
33192	12	23	E	0.00E+00	2/16/09	1268.1			
33192	12	23	G1	0.00E+00	2/16/09	1268.1			
33192	12	23	G2	0.00E+00	2/16/09	1268.1			
33192	12	23	H	0.00E+00	2/16/09	1268.1			
33192	12	23	R	0.00E+00	2/16/09	1268.1			
33231	12	24	A	7.24E-02	3/10/09	870.6	No	Yes	Ad 41
33231	12	24	E	8.94E-02	3/10/09	870.6	No	No	Ech 30, Cox B4

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33231	12	24	G1	0.00E+00	3/10/09	870.6			
33231	12	24	G2	0.00E+00	3/10/09	870.6			
33231	12	24	H	0.00E+00	3/10/09	870.6			
33231	12	24	R	0.00E+00	3/10/09	870.6			
33287	12	25	A	0.00E+00	3/31/09	1010.7			
33287	12	25	E	0.00E+00	3/31/09	1010.7			
33287	12	25	G1	0.00E+00	3/31/09	1010.7			
33287	12	25	G2	0.00E+00	3/31/09	1010.7			
33287	12	25	H	0.00E+00	3/31/09	1010.7			
33287	12	25	R	0.00E+00	3/31/09	1010.7			
33318	12	26	A	2.18E-01	4/22/09	889.6	No	No	Ad 41
33318	12	26	E	3.77E-01	4/22/09	889.6	No	No	Ech 9
33318	12	26	G1	0.00E+00	4/22/09	889.6			
33318	12	26	G2	0.00E+00	4/22/09	889.6			
33318	12	26	H	0.00E+00	4/22/09	889.6			
33318	12	26	R	0.00E+00	4/22/09	889.6			
32072	13	1	A	1.33E-01	9/20/07	863.1	NS	NS	Ad 2
32072	13	1	E	1.04E-02	9/20/07	863.1	NS	NS	uts
32072	13	1	G1	0.00E+00	9/20/07	863.1			
32072	13	1	G2	0.00E+00	9/20/07	863.1			
32072	13	1	H	0.00E+00	9/20/07	863.1			
32072	13	1	R	0.00E+00	9/20/07	863.1			
32458	13	2	A	0.00E+00	10/30/07	874.4			
32458	13	2	E	0.00E+00	10/30/07	874.4			
32458	13	2	G1	0.00E+00	10/30/07	874.4			
32458	13	2	G2	0.00E+00	10/30/07	874.4			
32458	13	2	H	0.00E+00	10/30/07	874.4			
32458	13	2	R	0.00E+00	10/30/07	874.4			
32572	13	3	A	0.00E+00	11/28/07	810.1			
32572	13	3	E	0.00E+00	11/28/07	810.1			
32572	13	3	G1	0.00E+00	11/28/07	810.1			
32572	13	3	G2	0.00E+00	11/28/07	810.1			
32572	13	3	H	0.00E+00	11/28/07	810.1			
32572	13	3	R	0.00E+00	11/28/07	810.1			
32589	13	4	A	0.00E+00	1/7/08	829.0			
32589	13	4	E	0.00E+00	1/7/08	829.0			
32589	13	4	G1	0.00E+00	1/7/08	829.0			
32589	13	4	G2	0.00E+00	1/7/08	829.0			
32589	13	4	H	0.00E+00	1/7/08	829.0			
32589	13	4	R	0.00E+00	1/7/08	829.0			
32604	13	5	A	1.87E-02	1/25/08	806.3	No	Yes	Ad 41
32604	13	5	E	0.00E+00	1/25/08	806.3			
32604	13	5	G1	0.00E+00	1/25/08	806.3			
32604	13	5	G2	0.00E+00	1/25/08	806.3			
32604	13	5	H	0.00E+00	1/25/08	806.3			
32604	13	5	R	0.00E+00	1/25/08	806.3			
32623	13	6	A	0.00E+00	2/27/08	908.5			
32623	13	6	E	0.00E+00	2/27/08	908.5			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32623	13	6	G1	0.00E+00	2/27/08	908.5			
32623	13	6	G2	0.00E+00	2/27/08	908.5			
32623	13	6	H	0.00E+00	2/27/08	908.5			
32623	13	6	R	0.00E+00	2/27/08	908.5			
32638	13	7	A	0.00E+00	3/26/08	280.1			
32638	13	7	E	0.00E+00	3/26/08	280.1			
32638	13	7	G1	0.00E+00	3/26/08	280.1			
32638	13	7	G2	0.00E+00	3/26/08	280.1			
32638	13	7	H	0.00E+00	3/26/08	280.1			
32638	13	7	R	0.00E+00	3/26/08	280.1			
32839	13	8	A	0.00E+00	4/30/08	1059.9			
32839	13	8	E	0.00E+00	4/30/08	1059.9			
32839	13	8	G1	0.00E+00	4/30/08	1059.9			
32839	13	8	G2	0.00E+00	4/30/08	1059.9			
32839	13	8	H	0.00E+00	4/30/08	1059.9			
32839	13	8	R	0.00E+00	4/30/08	1059.9			
32866	13	9	A	0.00E+00	5/27/08	794.9			
32866	13	9	E	0.00E+00	5/27/08	794.9			
32866	13	9	G1	0.00E+00	5/27/08	794.9			
32866	13	9	G2	0.00E+00	5/27/08	794.9			
32866	13	9	H	0.00E+00	5/27/08	794.9			
32866	13	9	R	0.00E+00	5/27/08	794.9			
32937	13	10	E	3.77E-01	7/7/08	806.3	No	Yes	Cox A16
32937	13	10	A	0.00E+00	7/7/08	806.3			
32937	13	10	G1	0.00E+00	7/7/08	806.3			
32937	13	10	G2	0.00E+00	7/7/08	806.3			
32937	13	10	H	0.00E+00	7/7/08	806.3			
32937	13	10	R	0.00E+00	7/7/08	806.3			
32972	13	11	A	1.17E-01	7/29/08	855.5	No	Yes	Ad 41, Ad 31
32972	13	11	E	6.43E-01	7/29/08	855.5	No	Yes	Cox A16
32972	13	11	G1	0.00E+00	7/29/08	855.5			
32972	13	11	G2	0.00E+00	7/29/08	855.5			
32972	13	11	H	0.00E+00	7/29/08	855.5			
32972	13	11	R	0.00E+00	7/29/08	855.5			
32981	13	12	A	0.00E+00	8/25/08	984.2			
32981	13	12	E	0.00E+00	8/25/08	984.2			
32981	13	12	G1	0.00E+00	8/25/08	984.2			
32981	13	12	G2	0.00E+00	8/25/08	984.2			
32981	13	12	H	0.00E+00	8/25/08	984.2			
32981	13	12	R	0.00E+00	8/25/08	984.2			
33005	13	14	A	0.00E+00	9/29/08	1377.9			
33005	13	14	E	0.00E+00	9/29/08	1377.9			
33005	13	14	G1	0.00E+00	9/29/08	1377.9			
33005	13	14	G2	0.00E+00	9/29/08	1377.9			
33005	13	14	H	0.00E+00	9/29/08	1377.9			
33005	13	14	R	0.00E+00	9/29/08	1377.9			
33019	13	15	A	2.15E-01	10/14/08	1230.3	No	Yes	Ad 41
33019	13	15	E	0.00E+00	10/14/08	1230.3			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33019	13	15	G1	0.00E+00	10/14/08	1230.3			
33019	13	15	G2	0.00E+00	10/14/08	1230.3			
33019	13	15	H	0.00E+00	10/14/08	1230.3			
33019	13	15	R	0.00E+00	10/14/08	1230.3			
33023	13	16	A	3.08E-01	10/27/08	946.4	No	No	Ad 41
33023	13	16	E	0.00E+00	10/27/08	946.4			
33023	13	16	G1	0.00E+00	10/27/08	946.4			
33023	13	16	G2	0.00E+00	10/27/08	946.4			
33023	13	16	H	0.00E+00	10/27/08	946.4			
33023	13	16	R	0.00E+00	10/27/08	946.4			
33139	13	19	A	0.00E+00	12/15/08	904.7			
33139	13	19	E	0.00E+00	12/15/08	904.7			
33139	13	19	G1	0.00E+00	12/15/08	904.7			
33139	13	19	G2	0.00E+00	12/15/08	904.7			
33139	13	19	H	0.00E+00	12/15/08	904.7			
33139	13	19	R	0.00E+00	12/15/08	904.7			
33148	13	20	A	0.00E+00	1/5/09	1389.2			
33148	13	20	E	0.00E+00	1/5/09	1389.2			
33148	13	20	G1	0.00E+00	1/5/09	1389.2			
33148	13	20	G2	0.00E+00	1/5/09	1389.2			
33148	13	20	H	0.00E+00	1/5/09	1389.2			
33148	13	20	R	0.00E+00	1/5/09	1389.2			
33161	13	21	A	0.00E+00	1/22/09	832.8			
33161	13	21	E	0.00E+00	1/22/09	832.8			
33161	13	21	G1	0.00E+00	1/22/09	832.8			
33161	13	21	G2	0.00E+00	1/22/09	832.8			
33161	13	21	H	0.00E+00	1/22/09	832.8			
33161	13	21	R	0.00E+00	1/22/09	832.8			
33171	13	22	A	0.00E+00	2/5/09	1071.3			
33171	13	22	E	0.00E+00	2/5/09	1071.3			
33171	13	22	G1	0.00E+00	2/5/09	1071.3			
33171	13	22	G2	0.00E+00	2/5/09	1071.3			
33171	13	22	H	0.00E+00	2/5/09	1071.3			
33171	13	22	R	0.00E+00	2/5/09	1071.3			
33193	13	23	A	0.00E+00	2/17/09	863.1			
33193	13	23	E	0.00E+00	2/17/09	863.1			
33193	13	23	G1	0.00E+00	2/17/09	863.1			
33193	13	23	G2	0.00E+00	2/17/09	863.1			
33193	13	23	H	0.00E+00	2/17/09	863.1			
33193	13	23	R	0.00E+00	2/17/09	863.1			
33232	13	24	A	4.98E-02	3/10/09	1230.3	No	Yes	Ad 41
33232	13	24	E	0.00E+00	3/10/09	1230.3			
33232	13	24	G1	0.00E+00	3/10/09	1230.3			
33232	13	24	G2	0.00E+00	3/10/09	1230.3			
33232	13	24	H	0.00E+00	3/10/09	1230.3			
33232	13	24	R	0.00E+00	3/10/09	1230.3			
33290	13	25	A	0.00E+00	4/2/09	1041.0			
33290	13	25	E	0.00E+00	4/2/09	1041.0			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33290	13	25	G1	0.00E+00	4/2/09	1041.0			
33290	13	25	G2	0.00E+00	4/2/09	1041.0			
33290	13	25	H	0.00E+00	4/2/09	1041.0			
33290	13	25	R	0.00E+00	4/2/09	1041.0			
33337	13	26	A	4.09E-02	4/28/09	586.7	No	No	Ad 5
33337	13	26	E	0.00E+00	4/28/09	586.7			
33337	13	26	G1	0.00E+00	4/28/09	586.7			
33337	13	26	G2	0.00E+00	4/28/09	586.7			
33337	13	26	H	0.00E+00	4/28/09	586.7			
33337	13	26	R	0.00E+00	4/28/09	586.7			
32003	16	1	A	7.01E-02	9/14/07	787.4	NS	NS	Ad 2, Ad 41
32003	16	1	E	0.00E+00	9/14/07	787.4			
32003	16	1	G1	0.00E+00	9/14/07	787.4			
32003	16	1	G2	0.00E+00	9/14/07	787.4			
32003	16	1	H	0.00E+00	9/14/07	787.4			
32003	16	1	R	0.00E+00	9/14/07	787.4			
32460	16	2	A	0.00E+00	10/31/07	802.5			
32460	16	2	E	0.00E+00	10/31/07	802.5			
32460	16	2	G1	0.00E+00	10/31/07	802.5			
32460	16	2	G2	0.00E+00	10/31/07	802.5			
32460	16	2	H	0.00E+00	10/31/07	802.5			
32460	16	2	R	0.00E+00	10/31/07	802.5			
32569	16	3	A	0.00E+00	11/26/07	870.6			
32569	16	3	E	0.00E+00	11/26/07	870.6			
32569	16	3	G1	0.00E+00	11/26/07	870.6			
32569	16	3	G2	0.00E+00	11/26/07	870.6			
32569	16	3	H	0.00E+00	11/26/07	870.6			
32569	16	3	R	0.00E+00	11/26/07	870.6			
32584	16	4	A	0.00E+00	12/19/07	813.9			
32584	16	4	E	0.00E+00	12/19/07	813.9			
32584	16	4	G1	0.00E+00	12/19/07	813.9			
32584	16	4	G2	0.00E+00	12/19/07	813.9			
32584	16	4	H	0.00E+00	12/19/07	813.9			
32584	16	4	R	0.00E+00	12/19/07	813.9			
32148	17	1	A	0.00E+00	9/26/07	1362.7			
32148	17	1	E	0.00E+00	9/26/07	1362.7			
32148	17	1	G1	0.00E+00	9/26/07	1362.7			
32148	17	1	G2	0.00E+00	9/26/07	1362.7			
32148	17	1	H	0.00E+00	9/26/07	1362.7			
32148	17	1	R	0.00E+00	9/26/07	1362.7			
32455	17	2	E	0.00E+00	10/29/07	802.5			
32455	17	2	G1	0.00E+00	10/29/07	802.5			
32455	17	2	G2	0.00E+00	10/29/07	802.5			
32455	17	2	H	0.00E+00	10/29/07	802.5			
32455	17	2	R	0.00E+00	10/29/07	802.5			
33194	18	23	A	0.00E+00	2/19/09	832.8			
33194	18	23	E	0.00E+00	2/19/09	832.8			
33194	18	23	G1	0.00E+00	2/19/09	832.8			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33194	18	23	G2	0.00E+00	2/19/09	832.8			
33194	18	23	H	0.00E+00	2/19/09	832.8			
33194	18	23	R	0.00E+00	2/19/09	832.8			
32034	19	1	A	1.06E-01	9/18/07	840.4	NS	NS	Ad 41
32034	19	1	E	0.00E+00	9/18/07	840.4			
32034	19	1	G1	0.00E+00	9/18/07	840.4			
32034	19	1	G2	0.00E+00	9/18/07	840.4			
32034	19	1	H	0.00E+00	9/18/07	840.4			
32034	19	1	R	0.00E+00	9/18/07	840.4			
32459	19	2	A	0.00E+00	10/30/07	810.1			
32459	19	2	E	0.00E+00	10/30/07	810.1			
32459	19	2	G1	0.00E+00	10/30/07	810.1			
32459	19	2	G2	0.00E+00	10/30/07	810.1			
32459	19	2	H	0.00E+00	10/30/07	810.1			
32459	19	2	R	0.00E+00	10/30/07	810.1			
32570	19	3	A	3.55E-01	11/27/07	972.8	No	No	Ad 2
32570	19	3	E	4.75E-02	11/27/07	972.8	No	Yes	uts
32570	19	3	G1	0.00E+00	11/27/07	972.8			
32570	19	3	G2	0.00E+00	11/27/07	972.8			
32570	19	3	H	0.00E+00	11/27/07	972.8			
32570	19	3	R	0.00E+00	11/27/07	972.8			
32586	19	4	A	8.19E-01	1/2/08	813.9	No	No	Ad 2
32586	19	4	E	0.00E+00	1/2/08	813.9			
32586	19	4	G1	0.00E+00	1/2/08	813.9			
32586	19	4	G2	0.00E+00	1/2/08	813.9			
32586	19	4	H	0.00E+00	1/2/08	813.9			
32586	19	4	R	0.00E+00	1/2/08	813.9			
32603	19	5	A	0.00E+00	1/24/08	863.1			
32603	19	5	E	0.00E+00	1/24/08	863.1			
32603	19	5	G1	0.00E+00	1/24/08	863.1			
32603	19	5	G2	0.00E+00	1/24/08	863.1			
32603	19	5	H	0.00E+00	1/24/08	863.1			
32603	19	5	R	0.00E+00	1/24/08	863.1			
32624	19	6	A	0.00E+00	2/29/08	878.2			
32624	19	6	E	0.00E+00	2/29/08	878.2			
32624	19	6	G1	0.00E+00	2/29/08	878.2			
32624	19	6	G2	0.00E+00	2/29/08	878.2			
32624	19	6	H	0.00E+00	2/29/08	878.2			
32624	19	6	R	0.00E+00	2/29/08	878.2			
32635	19	7	A	0.00E+00	3/24/08	969.1			
32635	19	7	E	0.00E+00	3/24/08	969.1			
32635	19	7	G1	0.00E+00	3/24/08	969.1			
32635	19	7	G2	0.00E+00	3/24/08	969.1			
32635	19	7	H	0.00E+00	3/24/08	969.1			
32635	19	7	R	0.00E+00	3/24/08	969.1			
32833	19	8	E	9.36E-02	4/28/08	806.3	No	No	Ech 11
32833	19	8	A	0.00E+00	4/28/08	806.3			
32833	19	8	G1	0.00E+00	4/28/08	806.3			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32833	19	8	G2	0.00E+00	4/28/08	806.3			
32833	19	8	H	0.00E+00	4/28/08	806.3			
32833	19	8	R	0.00E+00	4/28/08	806.3			
32867	19	9	A	0.00E+00	5/29/08	806.3			
32867	19	9	E	0.00E+00	5/29/08	806.3			
32867	19	9	G1	0.00E+00	5/29/08	806.3			
32867	19	9	G2	0.00E+00	5/29/08	806.3			
32867	19	9	H	0.00E+00	5/29/08	806.3			
32867	19	9	R	0.00E+00	5/29/08	806.3			
32938	19	10	A	9.56E-03	7/7/08	851.7	No	Yes	Ad 41
32938	19	10	E	2.82E+00	7/7/08	851.7	No	No	Ech 3
32938	19	10	G1	0.00E+00	7/7/08	851.7			
32938	19	10	G2	0.00E+00	7/7/08	851.7			
32938	19	10	H	0.00E+00	7/7/08	851.7			
32938	19	10	R	0.00E+00	7/7/08	851.7			
32967	19	11	A	0.00E+00	7/30/08	855.5			
32967	19	11	E	0.00E+00	7/30/08	855.5			
32967	19	11	G1	0.00E+00	7/30/08	855.5			
32967	19	11	G2	0.00E+00	7/30/08	855.5			
32967	19	11	H	0.00E+00	7/30/08	855.5			
32967	19	11	R	0.00E+00	7/30/08	855.5			
32982	19	12	A	3.55E-02	8/26/08	984.0	No	Yes	Ad 41
32982	19	12	E	0.00E+00	8/26/08	984.0			
32982	19	12	G1	0.00E+00	8/26/08	984.0			
32982	19	12	G2	0.00E+00	8/26/08	984.0			
32982	19	12	H	0.00E+00	8/26/08	984.0			
32982	19	12	R	0.00E+00	8/26/08	984.0			
33003	19	13	A	1.21E-01	9/17/08	810.1	No	No	Ad 41
33003	19	13	E	0.00E+00	9/17/08	810.1			
33003	19	13	G1	0.00E+00	9/17/08	810.1			
33003	19	13	G2	0.00E+00	9/17/08	810.1			
33003	19	13	H	0.00E+00	9/17/08	810.1			
33003	19	13	R	0.00E+00	9/17/08	810.1			
33011	19	14	A	0.00E+00	10/2/08	806.3			
33011	19	14	E	0.00E+00	10/2/08	806.3			
33011	19	14	G1	0.00E+00	10/2/08	806.3			
33011	19	14	G2	0.00E+00	10/2/08	806.3			
33011	19	14	H	0.00E+00	10/2/08	806.3			
33011	19	14	R	0.00E+00	10/2/08	806.3			
33020	19	15	A	1.30E-01	10/14/08	908.5	No	No	Ad 41
33020	19	15	E	0.00E+00	10/14/08	908.5			
33020	19	15	G1	0.00E+00	10/14/08	908.5			
33020	19	15	G2	0.00E+00	10/14/08	908.5			
33020	19	15	H	0.00E+00	10/14/08	908.5			
33020	19	15	R	0.00E+00	10/14/08	908.5			
33026	19	16	A	1.64E+00	10/28/08	889.6	No	No	Ad 41, Ad 31
33026	19	16	E	0.00E+00	10/28/08	889.6			
33026	19	16	G1	0.00E+00	10/28/08	889.6			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33026	19	16	G2	0.00E+00	10/28/08	889.6			
33026	19	16	H	0.00E+00	10/28/08	889.6			
33026	19	16	R	0.00E+00	10/28/08	889.6			
33131	19	18	A	1.50E-02	12/3/08	3179.7	No	No	Ad 41
33131	19	18	E	0.00E+00	12/3/08	3179.7			
33131	19	18	G1	0.00E+00	12/3/08	3179.7			
33131	19	18	G2	0.00E+00	12/3/08	3179.7			
33131	19	18	H	0.00E+00	12/3/08	3179.7			
33131	19	18	R	0.00E+00	12/3/08	3179.7			
33140	19	19	A	0.00E+00	12/15/08	1586.1			
33140	19	19	E	0.00E+00	12/15/08	1586.1			
33140	19	19	G1	0.00E+00	12/15/08	1586.1			
33140	19	19	G2	0.00E+00	12/15/08	1586.1			
33140	19	19	H	0.00E+00	12/15/08	1586.1			
33140	19	19	R	0.00E+00	12/15/08	1586.1			
33150	19	20	A	0.00E+00	1/6/09	984.2			
33150	19	20	E	0.00E+00	1/6/09	984.2			
33150	19	20	G1	0.00E+00	1/6/09	984.2			
33150	19	20	G2	0.00E+00	1/6/09	984.2			
33150	19	20	H	0.00E+00	1/6/09	984.2			
33150	19	20	R	0.00E+00	1/6/09	984.2			
33162	19	21	A	0.00E+00	1/21/09	1324.9			
33162	19	21	E	0.00E+00	1/21/09	1324.9			
33162	19	21	G1	0.00E+00	1/21/09	1324.9			
33162	19	21	G2	0.00E+00	1/21/09	1324.9			
33162	19	21	H	0.00E+00	1/21/09	1324.9			
33162	19	21	R	0.00E+00	1/21/09	1324.9			
33172	19	22	A	6.83E-02	2/4/09	1078.8	No	No	Ad 31
33172	19	22	E	0.00E+00	2/4/09	1078.8			
33172	19	22	G1	0.00E+00	2/4/09	1078.8			
33172	19	22	G2	0.00E+00	2/4/09	1078.8			
33172	19	22	H	0.00E+00	2/4/09	1078.8			
33172	19	22	R	0.00E+00	2/4/09	1078.8			
33195	19	23	A	0.00E+00	2/17/09	1306.0			
33195	19	23	E	0.00E+00	2/17/09	1306.0			
33195	19	23	G1	0.00E+00	2/17/09	1306.0			
33195	19	23	G2	0.00E+00	2/17/09	1306.0			
33195	19	23	H	0.00E+00	2/17/09	1306.0			
33195	19	23	R	0.00E+00	2/17/09	1306.0			
33233	19	24	A	3.08E-03	3/11/09	1230.3	No	No	Ad 41
33233	19	24	E	2.98E-01	3/11/09	1230.3	No	No	Cox B4
33233	19	24	G1	0.00E+00	3/11/09	1230.3			
33233	19	24	G2	0.00E+00	3/11/09	1230.3			
33233	19	24	H	0.00E+00	3/11/09	1230.3			
33233	19	24	R	0.00E+00	3/11/09	1230.3			
33291	19	25	A	2.11E-01	4/2/09	730.6	No	No	Ad 41
33291	19	25	E	1.49E-01	4/2/09	730.6	No	No	Ech 30
33291	19	25	G1	0.00E+00	4/2/09	730.6			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33291	19	25	G2	0.00E+00	4/2/09	730.6			
33291	19	25	H	0.00E+00	4/2/09	730.6			
33291	19	25	R	0.00E+00	4/2/09	730.6			
33338	19	26	A	7.05E-03	4/29/09	1461.2	No	No	Ad 2
33338	19	26	E	0.00E+00	4/29/09	1461.2			
33338	19	26	G1	0.00E+00	4/29/09	1461.2			
33338	19	26	G2	0.00E+00	4/29/09	1461.2			
33338	19	26	H	0.00E+00	4/29/09	1461.2			
33338	19	26	R	0.00E+00	4/29/09	1461.2			
32428	24	2	E	5.50E-02	10/25/07	836.6	No	Yes	uts
32428	24	2	A	0.00E+00	10/25/07	836.6			
32428	24	2	G1	0.00E+00	10/25/07	836.6			
32428	24	2	G2	0.00E+00	10/25/07	836.6			
32428	24	2	H	0.00E+00	10/25/07	836.6			
32044	27	1	A	0.00E+00	9/19/07	931.2			
32044	27	1	E	0.00E+00	9/19/07	931.2			
32044	27	1	G1	0.00E+00	9/19/07	931.2			
32044	27	1	G2	0.00E+00	9/19/07	931.2			
32044	27	1	H	0.00E+00	9/19/07	931.2			
32044	27	1	R	0.00E+00	9/19/07	931.2			
32035	28	1	A	0.00E+00	9/17/07	829.0			
32035	28	1	E	0.00E+00	9/17/07	829.0			
32035	28	1	G1	0.00E+00	9/17/07	829.0			
32035	28	1	G2	0.00E+00	9/17/07	829.0			
32035	28	1	H	0.00E+00	9/17/07	829.0			
32035	28	1	R	0.00E+00	9/17/07	829.0			
32426	28	2	A	1.35E-02	10/24/07	836.6	No	Yes	Ad 41
32426	28	2	E	7.61E-02	10/24/07	836.6	No	No	uts
32426	28	2	H	0.00E+00	10/24/07	836.6			
32426	28	2	R	0.00E+00	10/24/07	836.6			
32116	30	1	A	0.00E+00	9/24/07	844.1			
32116	30	1	E	0.00E+00	9/24/07	844.1			
32116	30	1	G1	0.00E+00	9/24/07	844.1			
32116	30	1	G2	0.00E+00	9/24/07	844.1			
32116	30	1	H	0.00E+00	9/24/07	844.1			
32116	30	1	R	0.00E+00	9/24/07	844.1			
32456	30	2	A	0.00E+00	10/29/07	893.4			
32456	30	2	E	0.00E+00	10/29/07	893.4			
32456	30	2	G1	0.00E+00	10/29/07	893.4			
32456	30	2	G2	0.00E+00	10/29/07	893.4			
32456	30	2	H	0.00E+00	10/29/07	893.4			
32456	30	2	R	0.00E+00	10/29/07	893.4			
32571	30	3	A	0.00E+00	11/27/07	1188.6			
32571	30	3	E	0.00E+00	11/27/07	1188.6			
32571	30	3	G1	0.00E+00	11/27/07	1188.6			
32571	30	3	G2	0.00E+00	11/27/07	1188.6			
32571	30	3	H	0.00E+00	11/27/07	1188.6			
32571	30	3	R	0.00E+00	11/27/07	1188.6			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32590	30	4	A	0.00E+00	1/9/08	810.1			
32590	30	4	E	0.00E+00	1/9/08	810.1			
32590	30	4	G1	0.00E+00	1/9/08	810.1			
32590	30	4	G2	0.00E+00	1/9/08	810.1			
32590	30	4	H	0.00E+00	1/9/08	810.1			
32590	30	4	R	0.00E+00	1/9/08	810.1			
32606	30	5	A	9.96E-02	1/28/08	1052.3	No	Yes	Ad 2
32606	30	5	E	0.00E+00	1/28/08	1052.3			
32606	30	5	G1	0.00E+00	1/28/08	1052.3			
32606	30	5	G2	0.00E+00	1/28/08	1052.3			
32606	30	5	H	0.00E+00	1/28/08	1052.3			
32606	30	5	R	0.00E+00	1/28/08	1052.3			
32618	30	6	A	0.00E+00	2/26/08	829.0			
32618	30	6	E	0.00E+00	2/26/08	829.0			
32618	30	6	G1	0.00E+00	2/26/08	829.0			
32618	30	6	G2	0.00E+00	2/26/08	829.0			
32618	30	6	H	0.00E+00	2/26/08	829.0			
32618	30	6	R	0.00E+00	2/26/08	829.0			
32636	30	7	A	0.00E+00	3/25/08	832.8			
32636	30	7	E	0.00E+00	3/25/08	832.8			
32636	30	7	G1	0.00E+00	3/25/08	832.8			
32636	30	7	G2	0.00E+00	3/25/08	832.8			
32636	30	7	H	0.00E+00	3/25/08	832.8			
32636	30	7	R	0.00E+00	3/25/08	832.8			
32832	30	8	A	0.00E+00	4/28/08	798.7			
32832	30	8	E	0.00E+00	4/28/08	798.7			
32832	30	8	G1	0.00E+00	4/28/08	798.7			
32832	30	8	G2	0.00E+00	4/28/08	798.7			
32832	30	8	H	0.00E+00	4/28/08	798.7			
32832	30	8	R	0.00E+00	4/28/08	798.7			
32877	30	9	A	0.00E+00	6/2/08	904.7			
32877	30	9	E	0.00E+00	6/2/08	904.7			
32877	30	9	G1	0.00E+00	6/2/08	904.7			
32877	30	9	G2	0.00E+00	6/2/08	904.7			
32877	30	9	H	0.00E+00	6/2/08	904.7			
32877	30	9	R	0.00E+00	6/2/08	904.7			
32949	30	10	A	0.00E+00	7/9/08	1048.6			
32949	30	10	E	0.00E+00	7/9/08	1048.6			
32949	30	10	G1	0.00E+00	7/9/08	1048.6			
32949	30	10	G2	0.00E+00	7/9/08	1048.6			
32949	30	10	H	0.00E+00	7/9/08	1048.6			
32949	30	10	R	0.00E+00	7/9/08	1048.6			
32968	30	11	A	7.35E-03	7/28/08	923.6	No	No	Ad 41
32968	30	11	E	4.31E-02	7/28/08	923.6	No	Yes	uts
32968	30	11	G1	0.00E+00	7/28/08	923.6			
32968	30	11	G2	0.00E+00	7/28/08	923.6			
32968	30	11	H	0.00E+00	7/28/08	923.6			
32968	30	11	R	0.00E+00	7/28/08	923.6			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32983	30	12	A	0.00E+00	8/27/08	953.9			
32983	30	12	E	0.00E+00	8/27/08	953.9			
32983	30	12	G1	0.00E+00	8/27/08	953.9			
32983	30	12	G2	0.00E+00	8/27/08	953.9			
32983	30	12	H	0.00E+00	8/27/08	953.9			
32983	30	12	R	0.00E+00	8/27/08	953.9			
32997	30	13	A	3.87E-01	9/15/08	817.6	No	No	Ad 41
32997	30	13	E	0.00E+00	9/15/08	817.6			
32997	30	13	G1	0.00E+00	9/15/08	817.6			
32997	30	13	G2	0.00E+00	9/15/08	817.6			
32997	30	13	H	0.00E+00	9/15/08	817.6			
32997	30	13	R	0.00E+00	9/15/08	817.6			
33012	30	14	A	0.00E+00	10/2/08	813.9			
33012	30	14	E	0.00E+00	10/2/08	813.9			
33012	30	14	G1	0.00E+00	10/2/08	813.9			
33012	30	14	G2	0.00E+00	10/2/08	813.9			
33012	30	14	H	0.00E+00	10/2/08	813.9			
33012	30	14	R	0.00E+00	10/2/08	813.9			
33021	30	15	A	1.90E-01	10/15/08	851.7	No	No	Ad 41
33021	30	15	E	3.10E-02	10/15/08	851.7	No	No	Cox B3
33021	30	15	G1	0.00E+00	10/15/08	851.7			
33021	30	15	G2	0.00E+00	10/15/08	851.7			
33021	30	15	H	0.00E+00	10/15/08	851.7			
33021	30	15	R	0.00E+00	10/15/08	851.7			
33030	30	16	A	0.00E+00	10/29/08	825.2			
33030	30	16	E	0.00E+00	10/29/08	825.2			
33030	30	16	G1	0.00E+00	10/29/08	825.2			
33030	30	16	G2	0.00E+00	10/29/08	825.2			
33030	30	16	H	0.00E+00	10/29/08	825.2			
33030	30	16	R	0.00E+00	10/29/08	825.2			
33051	30	17	A	0.00E+00	11/10/08	1449.8			
33051	30	17	E	0.00E+00	11/10/08	1449.8			
33051	30	17	G1	0.00E+00	11/10/08	1449.8			
33051	30	17	G2	0.00E+00	11/10/08	1449.8			
33051	30	17	H	0.00E+00	11/10/08	1449.8			
33051	30	17	R	0.00E+00	11/10/08	1449.8			
33128	30	18	A	2.41E-01	12/1/08	908.5	No	No	Ad 41
33128	30	18	E	1.36E-02	12/1/08	908.5	No	Yes	Ent 71
33128	30	18	G1	0.00E+00	12/1/08	908.5			
33128	30	18	G2	0.00E+00	12/1/08	908.5			
33128	30	18	H	0.00E+00	12/1/08	908.5			
33128	30	18	R	0.00E+00	12/1/08	908.5			
33144	30	19	A	0.00E+00	12/17/08	1249.2			
33144	30	19	E	0.00E+00	12/17/08	1249.2			
33144	30	19	G1	0.00E+00	12/17/08	1249.2			
33144	30	19	G2	0.00E+00	12/17/08	1249.2			
33144	30	19	H	0.00E+00	12/17/08	1249.2			
33144	30	19	R	0.00E+00	12/17/08	1249.2			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33155	30	20	A	0.00E+00	1/7/09	984.2			
33155	30	20	E	0.00E+00	1/7/09	984.2			
33155	30	20	G1	0.00E+00	1/7/09	984.2			
33155	30	20	G2	0.00E+00	1/7/09	984.2			
33155	30	20	H	0.00E+00	1/7/09	984.2			
33155	30	20	R	0.00E+00	1/7/09	984.2			
33163	30	21	A	0.00E+00	1/20/09	832.8			
33163	30	21	E	0.00E+00	1/20/09	832.8			
33163	30	21	G1	0.00E+00	1/20/09	832.8			
33163	30	21	G2	0.00E+00	1/20/09	832.8			
33163	30	21	H	0.00E+00	1/20/09	832.8			
33163	30	21	R	0.00E+00	1/20/09	832.8			
33173	30	22	A	0.00E+00	2/2/09	927.4			
33173	30	22	E	0.00E+00	2/2/09	927.4			
33173	30	22	G1	0.00E+00	2/2/09	927.4			
33173	30	22	G2	0.00E+00	2/2/09	927.4			
33173	30	22	H	0.00E+00	2/2/09	927.4			
33173	30	22	R	0.00E+00	2/2/09	927.4			
33196	30	23	A	0.00E+00	2/16/09	1059.9			
33196	30	23	E	0.00E+00	2/16/09	1059.9			
33196	30	23	G1	0.00E+00	2/16/09	1059.9			
33196	30	23	G2	0.00E+00	2/16/09	1059.9			
33196	30	23	H	0.00E+00	2/16/09	1059.9			
33196	30	23	R	0.00E+00	2/16/09	1059.9			
33234	30	24	A	2.78E-02	3/10/09	1192.4	No	No	Ad 41
33234	30	24	E	9.28E-02	3/10/09	1192.4	No	No	Cox B4
33234	30	24	G1	0.00E+00	3/10/09	1192.4			
33234	30	24	G2	0.00E+00	3/10/09	1192.4			
33234	30	24	H	0.00E+00	3/10/09	1192.4			
33234	30	24	R	0.00E+00	3/10/09	1192.4			
33288	30	25	A	3.95E-03	3/31/09	806.3	No	Yes	Ad 41
33288	30	25	E	0.00E+00	3/31/09	806.3			
33288	30	25	G1	0.00E+00	3/31/09	806.3			
33288	30	25	G2	0.00E+00	3/31/09	806.3			
33288	30	25	H	0.00E+00	3/31/09	806.3			
33288	30	25	R	0.00E+00	3/31/09	806.3			
33336	30	26	A	2.35E-03	4/27/09	976.6	No	No	Ad 2
33336	30	26	E	0.00E+00	4/27/09	976.6			
33336	30	26	G1	0.00E+00	4/27/09	976.6			
33336	30	26	G2	0.00E+00	4/27/09	976.6			
33336	30	26	H	0.00E+00	4/27/09	976.6			
33336	30	26	R	0.00E+00	4/27/09	976.6			
32541	Blank	1	A	0.00E+00	11/6/07	22.7			
32541	Blank	1	E	0.00E+00	11/6/07	22.7			
32541	Blank	1	G1	0.00E+00	11/6/07	22.7			
32541	Blank	1	G2	0.00E+00	11/6/07	22.7			
32541	Blank	1	H	0.00E+00	11/6/07	22.7			
32541	Blank	1	R	0.00E+00	11/6/07	22.7			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32574	Blank	2	A	0.00E+00	11/30/07	22.0			
32574	Blank	2	E	0.00E+00	11/30/07	22.0			
32574	Blank	2	G1	0.00E+00	11/30/07	22.0			
32574	Blank	2	G2	0.00E+00	11/30/07	22.0			
32574	Blank	2	H	0.00E+00	11/30/07	22.0			
32574	Blank	2	R	0.00E+00	11/30/07	22.0			
33013	Blank	14	A	0.00E+00	10/3/08	18.9			
33013	Blank	14	E	0.00E+00	10/3/08	18.9			
33013	Blank	14	G1	0.00E+00	10/3/08	18.9			
33013	Blank	14	G2	0.00E+00	10/3/08	18.9			
33013	Blank	14	H	0.00E+00	10/3/08	18.9			
33013	Blank	14	R	0.00E+00	10/3/08	18.9			
33031	Blank	16	A	0.00E+00	10/30/08	18.9			
33031	Blank	16	E	0.00E+00	10/30/08	18.9			
33031	Blank	16	G1	0.00E+00	10/30/08	18.9			
33031	Blank	16	G2	0.00E+00	10/30/08	18.9			
33031	Blank	16	H	0.00E+00	10/30/08	18.9			
33031	Blank	16	R	0.00E+00	10/30/08	18.9			
32042	Mendota	1	A	0.00E+00	9/19/07	889.6			
32042	Mendota	1	E	0.00E+00	9/19/07	889.6			
32042	Mendota	1	G1	0.00E+00	9/19/07	889.6			
32042	Mendota	1	G2	0.00E+00	9/19/07	889.6			
32042	Mendota	1	H	0.00E+00	9/19/07	889.6			
32042	Mendota	1	R	0.00E+00	9/19/07	889.6			
32043	Mendota	1	A	9.05E+00	9/19/07	889.6	No	Yes	Ad 41
32043	Mendota	1	E	0.00E+00	9/19/07	889.6			
32043	Mendota	1	G1	0.00E+00	9/19/07	889.6			
32043	Mendota	1	G2	0.00E+00	9/19/07	889.6			
32043	Mendota	1	H	0.00E+00	9/19/07	889.6			
32043	Mendota	1	R	0.00E+00	9/19/07	889.6			
32843	Mendota	8	A	2.31E+00	5/1/08	859.3	No	Yes	Ad 2
32843	Mendota	8	E	0.00E+00	5/1/08	859.3			
32843	Mendota	8	G1	0.00E+00	5/1/08	859.3			
32843	Mendota	8	G2	0.00E+00	5/1/08	859.3			
32843	Mendota	8	H	0.00E+00	5/1/08	859.3			
32843	Mendota	8	R	0.00E+00	5/1/08	859.3			
32844	Mendota	8	A	0.00E+00	5/1/08	859.3			
32844	Mendota	8	E	0.00E+00	5/1/08	859.3			
32844	Mendota	8	G1	0.00E+00	5/1/08	859.3			
32844	Mendota	8	G2	0.00E+00	5/1/08	859.3			
32844	Mendota	8	H	0.00E+00	5/1/08	859.3			
32844	Mendota	8	R	0.00E+00	5/1/08	859.3			
32946	Mendota	10	A	8.93E-03	7/9/08	984.2	No	No	Ad 41
32946	Mendota	10	E	2.32E+00	7/9/08	984.2	No	No	Ech 30
32946	Mendota	10	G1	0.00E+00	7/9/08	984.2			
32946	Mendota	10	G2	0.00E+00	7/9/08	984.2			
32946	Mendota	10	H	0.00E+00	7/9/08	984.2			
32946	Mendota	10	R	0.00E+00	7/9/08	984.2			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32987	Mendota	12	A	1.79E+01	9/4/08	806.3	No	No	Ad 5
32987	Mendota	12	E	0.00E+00	9/4/08	806.3			
32987	Mendota	12	G1	0.00E+00	9/4/08	806.3			
32987	Mendota	12	G2	0.00E+00	9/4/08	806.3			
32987	Mendota	12	H	0.00E+00	9/4/08	806.3			
32987	Mendota	12	R	0.00E+00	9/4/08	806.3			
32988	Mendota	12	A	0.00E+00	9/4/08	806.3			
32988	Mendota	12	AA	0.00E+00	9/4/08	806.3			
32988	Mendota	12	AB	0.00E+00	9/4/08	806.3			
32988	Mendota	12	E	0.00E+00	9/4/08	806.3			
32988	Mendota	12	G1	0.00E+00	9/4/08	806.3			
32988	Mendota	12	G2	0.00E+00	9/4/08	806.3			
32988	Mendota	12	H	0.00E+00	9/4/08	806.3			
32988	Mendota	12	R	0.00E+00	9/4/08	806.3			
32998	Mendota	13	A	0.00E+00	9/15/08	885.8			
32998	Mendota	13	E	0.00E+00	9/15/08	885.8			
32998	Mendota	13	G1	0.00E+00	9/15/08	885.8			
32998	Mendota	13	G2	0.00E+00	9/15/08	885.8			
32998	Mendota	13	H	0.00E+00	9/15/08	885.8			
32998	Mendota	13	R	0.00E+00	9/15/08	885.8			
32999	Mendota	13	A	6.90E-01	9/15/08	885.8	No	No	Ad 41
32999	Mendota	13	E	0.00E+00	9/15/08	885.8			
32999	Mendota	13	G1	2.54E-01	9/15/08	885.8			
32999	Mendota	13	G2	0.00E+00	9/15/08	885.8			
32999	Mendota	13	H	0.00E+00	9/15/08	885.8			
32999	Mendota	13	R	0.00E+00	9/15/08	885.8			
33006	Mendota	14	A	0.00E+00	9/29/08	813.9			
33006	Mendota	14	E	0.00E+00	9/29/08	813.9			
33006	Mendota	14	G1	0.00E+00	9/29/08	813.9			
33006	Mendota	14	G2	0.00E+00	9/29/08	813.9			
33006	Mendota	14	H	0.00E+00	9/29/08	813.9			
33006	Mendota	14	R	0.00E+00	9/29/08	813.9			
33007	Mendota	14	A	4.61E+00	9/29/08	813.9	No	No	Ad 41
33007	Mendota	14	E	0.00E+00	9/29/08	813.9			
33007	Mendota	14	G1	0.00E+00	9/29/08	813.9			
33007	Mendota	14	G2	0.00E+00	9/29/08	813.9			
33007	Mendota	14	H	0.00E+00	9/29/08	813.9			
33007	Mendota	14	R	0.00E+00	9/29/08	813.9			
33016	Mendota	15	A	1.93E-01	10/13/08	806.3	No	No	Ad 41
33016	Mendota	15	E	0.00E+00	10/13/08	806.3			
33016	Mendota	15	G1	0.00E+00	10/13/08	806.3			
33016	Mendota	15	G2	0.00E+00	10/13/08	806.3			
33016	Mendota	15	H	0.00E+00	10/13/08	806.3			
33016	Mendota	15	R	0.00E+00	10/13/08	806.3			
33017	Mendota	15	A	5.32E+02	10/13/08	806.3	No	No	Ad 41, Ad 31
33017	Mendota	15	E	0.00E+00	10/13/08	806.3			
33017	Mendota	15	G1	0.00E+00	10/13/08	806.3			
33017	Mendota	15	G2	0.00E+00	10/13/08	806.3			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33017	Mendota	15	H	0.00E+00	10/13/08	806.3			
33017	Mendota	15	R	0.00E+00	10/13/08	806.3			
33024	Mendota	16	A	4.76E+01	10/27/08	810.1	No	No	Ad 41
33024	Mendota	16	E	0.00E+00	10/27/08	810.1			
33024	Mendota	16	G1	0.00E+00	10/27/08	810.1			
33024	Mendota	16	G2	0.00E+00	10/27/08	810.1			
33024	Mendota	16	H	0.00E+00	10/27/08	810.1			
33024	Mendota	16	R	0.00E+00	10/27/08	810.1			
33025	Mendota	16	A	0.00E+00	10/27/08	810.1			
33025	Mendota	16	E	0.00E+00	10/27/08	810.1			
33025	Mendota	16	G1	0.00E+00	10/27/08	810.1			
33025	Mendota	16	G2	0.00E+00	10/27/08	810.1			
33025	Mendota	16	H	0.00E+00	10/27/08	810.1			
33025	Mendota	16	R	0.00E+00	10/27/08	810.1			
33052	Mendota	17	A	8.68E+00	11/10/08	806.3	No	Yes	Ad 41, Ad 31
33052	Mendota	17	E	0.00E+00	11/10/08	806.3			
33052	Mendota	17	G1	0.00E+00	11/10/08	806.3			
33052	Mendota	17	G2	0.00E+00	11/10/08	806.3			
33052	Mendota	17	H	0.00E+00	11/10/08	806.3			
33052	Mendota	17	R	0.00E+00	11/10/08	806.3			
33053	Mendota	17	A	0.00E+00	11/10/08	806.3			
33053	Mendota	17	E	0.00E+00	11/10/08	806.3			
33053	Mendota	17	G1	0.00E+00	11/10/08	806.3			
33053	Mendota	17	G2	0.00E+00	11/10/08	806.3			
33053	Mendota	17	H	0.00E+00	11/10/08	806.3			
33053	Mendota	17	R	0.00E+00	11/10/08	806.3			
33132	Mendota	18	A	0.00E+00	12/3/08	446.7			
33132	Mendota	18	E	0.00E+00	12/3/08	446.7			
33132	Mendota	18	G1	0.00E+00	12/3/08	446.7			
33132	Mendota	18	G2	0.00E+00	12/3/08	446.7			
33132	Mendota	18	H	0.00E+00	12/3/08	446.7			
33132	Mendota	18	R	0.00E+00	12/3/08	446.7			
33133	Mendota	18	A	4.51E+00	12/3/08	446.7	No	Yes	Ad 41
33133	Mendota	18	E	0.00E+00	12/3/08	446.7			
33133	Mendota	18	G1	0.00E+00	12/3/08	446.7			
33133	Mendota	18	G2	0.00E+00	12/3/08	446.7			
33133	Mendota	18	H	0.00E+00	12/3/08	446.7			
33133	Mendota	18	R	0.00E+00	12/3/08	446.7			
33145	Mendota	19	A	0.00E+00	12/17/08	990.0			
33145	Mendota	19	E	0.00E+00	12/17/08	990.0			
33145	Mendota	19	G1	0.00E+00	12/17/08	990.0			
33145	Mendota	19	G2	0.00E+00	12/17/08	990.0			
33145	Mendota	19	H	0.00E+00	12/17/08	990.0			
33145	Mendota	19	R	0.00E+00	12/17/08	990.0			
33146	Mendota	19	A	0.00E+00	12/17/08	990.0			
33146	Mendota	19	E	0.00E+00	12/17/08	990.0			
33146	Mendota	19	G1	0.00E+00	12/17/08	990.0			
33146	Mendota	19	G2	0.00E+00	12/17/08	990.0			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33146	Mendota	19	H	0.00E+00	12/17/08	990.0			
33146	Mendota	19	R	0.00E+00	12/17/08	990.0			
33151	Mendota	20	A	0.00E+00	1/7/09	813.9			
33151	Mendota	20	E	0.00E+00	1/7/09	813.9			
33151	Mendota	20	G1	0.00E+00	1/7/09	813.9			
33151	Mendota	20	G2	0.00E+00	1/7/09	813.9			
33151	Mendota	20	H	0.00E+00	1/7/09	813.9			
33151	Mendota	20	R	0.00E+00	1/7/09	813.9			
33152	Mendota	20	A	0.00E+00	1/7/09	813.9			
33152	Mendota	20	E	0.00E+00	1/7/09	813.9			
33152	Mendota	20	G1	0.00E+00	1/7/09	813.9			
33152	Mendota	20	G2	0.00E+00	1/7/09	813.9			
33152	Mendota	20	H	0.00E+00	1/7/09	813.9			
33152	Mendota	20	R	0.00E+00	1/7/09	813.9			
33157	Mendota	21	A	9.24E+01	1/21/09	832.8	No	No	Ad 41
33157	Mendota	21	E	0.00E+00	1/21/09	832.8			
33157	Mendota	21	G1	0.00E+00	1/21/09	832.8			
33157	Mendota	21	G2	0.00E+00	1/21/09	832.8			
33157	Mendota	21	H	0.00E+00	1/21/09	832.8			
33157	Mendota	21	R	0.00E+00	1/21/09	832.8			
33197	Mendota	23	A	0.00E+00	2/18/09	810.1			
33197	Mendota	23	E	0.00E+00	2/18/09	810.1			
33197	Mendota	23	G1	0.00E+00	2/18/09	810.1			
33197	Mendota	23	G2	0.00E+00	2/18/09	810.1			
33197	Mendota	23	H	0.00E+00	2/18/09	810.1			
33197	Mendota	23	R	0.00E+00	2/18/09	810.1			
33199	Mendota	23	A	0.00E+00	2/18/09	810.1			
33199	Mendota	23	E	4.04E+00	2/18/09	810.1	No	No	Ech 11
33199	Mendota	23	G1	0.00E+00	2/18/09	810.1			
33199	Mendota	23	G2	0.00E+00	2/18/09	810.1			
33199	Mendota	23	H	0.00E+00	2/18/09	810.1			
33199	Mendota	23	R	0.00E+00	2/18/09	810.1			
33244	Mendota	24	A	1.03E-01	3/13/09	707.9	No	No	Ad 41
33244	Mendota	24	E	1.78E-02	3/13/09	707.9	No	No	Ech 11
33244	Mendota	24	G1	0.00E+00	3/13/09	707.9			
33244	Mendota	24	G2	0.00E+00	3/13/09	707.9			
33244	Mendota	24	H	0.00E+00	3/13/09	707.9			
33244	Mendota	24	R	0.00E+00	3/13/09	707.9			
33245	Mendota	24	A	0.00E+00	3/13/09	707.9			
33245	Mendota	24	E	1.59E-01	3/13/09	707.9	No	No	Ech 11
33245	Mendota	24	G1	0.00E+00	3/13/09	707.9			
33245	Mendota	24	G2	0.00E+00	3/13/09	707.9			
33245	Mendota	24	H	0.00E+00	3/13/09	707.9			
33245	Mendota	24	R	0.00E+00	3/13/09	707.9			
33303	Mendota	25	A	0.00E+00	4/9/09	806.3			
33303	Mendota	25	E	6.99E+04	4/9/09	806.3	No	No	Ech 3
33303	Mendota	25	G1	0.00E+00	4/9/09	806.3			
33303	Mendota	25	G2	0.00E+00	4/9/09	806.3			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33303	Mendota	25	H	0.00E+00	4/9/09	806.3			
33303	Mendota	25	R	0.00E+00	4/9/09	806.3			
33304	Mendota	25	A	0.00E+00	4/9/09	806.3			
33304	Mendota	25	E	0.00E+00	4/9/09	806.3			
33304	Mendota	25	G1	0.00E+00	4/9/09	806.3			
33304	Mendota	25	G2	0.00E+00	4/9/09	806.3			
33304	Mendota	25	H	0.00E+00	4/9/09	806.3			
33304	Mendota	25	R	0.00E+00	4/9/09	806.3			
33316	Mendota	26	A	0.00E+00	4/22/09	806.3			
33316	Mendota	26	E	0.00E+00	4/22/09	806.3			
33316	Mendota	26	G1	0.00E+00	4/22/09	806.3			
33316	Mendota	26	G2	0.00E+00	4/22/09	806.3			
33316	Mendota	26	H	0.00E+00	4/22/09	806.3			
33316	Mendota	26	R	0.00E+00	4/22/09	806.3			
33317	Mendota	26	A	0.00E+00	4/22/09	806.3			
33317	Mendota	26	E	1.73E-01	4/22/09	806.3	No	No	Ech 3
33317	Mendota	26	G1	0.00E+00	4/22/09	806.3			
33317	Mendota	26	G2	0.00E+00	4/22/09	806.3			
33317	Mendota	26	H	0.00E+00	4/22/09	806.3			
33317	Mendota	26	R	0.00E+00	4/22/09	806.3			
33166	Mendota	22	A	0.00E+00	2/2/09	813.9			
33166	Mendota	22	E	0.00E+00	2/2/09	813.9			
33166	Mendota	22	G1	0.00E+00	2/2/09	813.9			
33166	Mendota	22	G2	0.00E+00	2/2/09	813.9			
33166	Mendota	22	H	0.00E+00	2/2/09	813.9			
33166	Mendota	22	R	0.00E+00	2/2/09	813.9			
33167	Mendota	22	A	0.00E+00	2/2/09	813.9			
33167	Mendota	22	E	0.00E+00	2/2/09	813.9			
33167	Mendota	22	G1	0.00E+00	2/2/09	813.9			
33167	Mendota	22	G2	0.00E+00	2/2/09	813.9			
33167	Mendota	22	H	0.00E+00	2/2/09	813.9			
33167	Mendota	22	R	0.00E+00	2/2/09	813.9			
32947	Mendota	10	E	2.53E+01	7/9/08	984.2	No	No	Ech 3
32947	Mendota	10	A	0.00E+00	7/9/08	984.2			
32947	Mendota	10	G1	0.00E+00	7/9/08	984.2			
32947	Mendota	10	G2	0.00E+00	7/9/08	984.2			
32947	Mendota	10	H	0.00E+00	7/9/08	984.2			
32947	Mendota	10	R	0.00E+00	7/9/08	984.2			
32334	MMSW	1	A	9.24E+04	10/15/07	3.0	Yes		Ad 7, Ad 41, Ad 31
32334	MMSW	1	E	5.54E+03	10/15/07	3.0	Yes		Ech 11
32334	MMSW	1	G1	0.00E+00	10/15/07	3.0			
32334	MMSW	1	G2	0.00E+00	10/15/07	3.0			
32334	MMSW	1	H	0.00E+00	10/15/07	3.0			
32334	MMSW	1	R	0.00E+00	10/15/07	3.0			
32335	MMSW	1	A	1.09E+05	10/16/07	1.0	Yes		Ad 2, Ad 41, Ad 31
32335	MMSW	1	E	3.05E+03	10/16/07	1.0	Yes		Ech 11
32335	MMSW	1	G1	5.19E+03	10/16/07	1.0			
32335	MMSW	1	G2	0.00E+00	10/16/07	1.0			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32335	MMSW	1	H	0.00E+00	10/16/07	1.0			
32335	MMSW	1	R	0.00E+00	10/16/07	1.0			
32543	MMSW	2	A	2.01E+06	11/7/07	4.0	Yes		Ad 6, Ad 2
32543	MMSW	2	E	6.86E+04	11/7/07	4.0	Yes		Ech 11, Ech 3
32543	MMSW	2	G1	0.00E+00	11/7/07	4.0			
32543	MMSW	2	G2	0.00E+00	11/7/07	4.0			
32543	MMSW	2	H	0.00E+00	11/7/07	4.0			
32543	MMSW	2	R	0.00E+00	11/7/07	4.0			
32573	MMSW	3	E	6.92E+02	11/29/07	8.0	Yes		Ech 11, Cox B4
32573	MMSW	3	A	1.54E+06	11/29/07	8.0	No		Ad 41
32573	MMSW	3	G1	1.66E+04	11/29/07	8.0			
32573	MMSW	3	G2	0.00E+00	11/29/07	8.0			
32573	MMSW	3	H	0.00E+00	11/29/07	8.0			
32573	MMSW	3	R	0.00E+00	11/29/07	8.0			
32585	MMSW	4	A	5.61E+05	12/19/07	4.0	Yes		Ad 2, Ad 41, Ad 31
32585	MMSW	4	E	0.00E+00	12/19/07	4.0			
32585	MMSW	4	G1	0.00E+00	12/19/07	4.0			
32585	MMSW	4	G2	0.00E+00	12/19/07	4.0			
32585	MMSW	4	H	0.00E+00	12/19/07	4.0			
32585	MMSW	4	R	0.00E+00	12/19/07	4.0			
32609	MMSW	5	A	6.41E+05	2/5/08	4.0	Yes		Ad 2
32609	MMSW	5	E	0.00E+00	2/5/08	4.0			
32609	MMSW	5	G1	0.00E+00	2/5/08	4.0			
32609	MMSW	5	G2	0.00E+00	2/5/08	4.0			
32609	MMSW	5	H	0.00E+00	2/5/08	4.0			
32609	MMSW	5	R	0.00E+00	2/5/08	4.0			
32620	MMSW	6	A	1.01E+05	2/28/08	4.0	Yes		Ad 41
32620	MMSW	6	E	2.47E+04	2/28/08	4.0	Yes		Ech 6, Ech 11
32620	MMSW	6	G1	5.91E+04	2/28/08	4.0			
32620	MMSW	6	G2	0.00E+00	2/28/08	4.0			
32620	MMSW	6	H	0.00E+00	2/28/08	4.0			
32620	MMSW	6	R	0.00E+00	2/28/08	4.0			
32640	MMSW	7	A	1.54E+05	3/31/08	3.8	Yes		Ad 2
32640	MMSW	7	E	0.00E+00	3/31/08	3.8			
32640	MMSW	7	G1	7.33E+04	3/31/08	3.8			
32640	MMSW	7	G2	0.00E+00	3/31/08	3.8			
32640	MMSW	7	H	0.00E+00	3/31/08	3.8			
32640	MMSW	7	R	1.51E+02	3/31/08	3.8			
32845	MMSW	8	A	2.86E+04	5/5/08	4.0	Yes		Ad 6, Ad 31
32845	MMSW	8	E	1.81E+03	5/5/08	4.0	Yes		Ech 11
32845	MMSW	8	G1	1.84E+04	5/5/08	4.0			
32845	MMSW	8	G2	0.00E+00	5/5/08	4.0			
32845	MMSW	8	H	0.00E+00	5/5/08	4.0			
32845	MMSW	8	R	8.05E+01	5/5/08	4.0			
32864	MMSW	9	A	6.88E+04	5/28/08	4.0	Yes		Ad 6, Ad 41, Ad 31
32864	MMSW	9	E	0.00E+00	5/28/08	4.0			
32864	MMSW	9	G1	0.00E+00	5/28/08	4.0			
32864	MMSW	9	G2	0.00E+00	5/28/08	4.0			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32864	MMSW	9	H	0.00E+00	5/28/08	4.0			
32864	MMSW	9	R	0.00E+00	5/28/08	4.0			
32950	MMSD	10	A	4.00E+04	7/15/08	1.0	Yes		Ad 7, Ad 41, Ad 31
32950	MMSD	10	E	2.75E+05	7/15/08	1.0	Yes		Ech 3, Cox A16
32950	MMSD	10	G1	3.41E+04	7/15/08	1.0			
32950	MMSD	10	G2	0.00E+00	7/15/08	1.0			
32950	MMSD	10	H	0.00E+00	7/15/08	1.0			
32950	MMSD	10	R	0.00E+00	7/15/08	1.0			
32995	MMSD	12	A	1.84E+06	9/5/08	3.8	Yes		Ad 41, Ad 31
32995	MMSD	12	E	6.61E+04	9/5/08	3.8	Yes		Cox A16
32995	MMSD	12	G1	0.00E+00	9/5/08	3.8			
32995	MMSD	12	G2	0.00E+00	9/5/08	3.8			
32995	MMSD	12	H	0.00E+00	9/5/08	3.8			
32995	MMSD	12	R	0.00E+00	9/5/08	3.8			
33000	MMSD	13	A	3.17E+06	9/17/08	4.0	Yes		Ad 41
33000	MMSD	13	E	3.09E+04	9/17/08	4.0	Yes		
33000	MMSD	13	G1	0.00E+00	9/17/08	4.0			
33000	MMSD	13	G2	0.00E+00	9/17/08	4.0			
33000	MMSD	13	H	0.00E+00	9/17/08	4.0			
33000	MMSD	13	R	0.00E+00	9/17/08	4.0			
33010	MMSD	14	A	2.87E+06	9/30/08	4.0	Yes		Ad 41, Ad 31
33010	MMSD	14	E	5.52E+02	9/30/08	4.0	Yes		Ech 9
33010	MMSD	14	G1	0.00E+00	9/30/08	4.0			
33010	MMSD	14	G2	0.00E+00	9/30/08	4.0			
33010	MMSD	14	H	0.00E+00	9/30/08	4.0			
33010	MMSD	14	R	0.00E+00	9/30/08	4.0			
33018	MMSD	15	A	3.63E+07	10/15/08	4.0	Yes		Ad 12, Ad 31
33018	MMSD	15	E	1.75E+04	10/15/08	4.0	Yes		Ent 71
33018	MMSD	15	G1	0.00E+00	10/15/08	4.0			
33018	MMSD	15	G2	0.00E+00	10/15/08	4.0			
33018	MMSD	15	H	0.00E+00	10/15/08	4.0			
33018	MMSD	15	R	0.00E+00	10/15/08	4.0			
33027	MMSD	16	A	7.55E+05	10/28/08	4.0	Yes		Ad 41, Ad 31
33027	MMSD	16	E	1.29E+04	10/28/08	4.0	Yes		Ech 25
33027	MMSD	16	G1	0.00E+00	10/28/08	4.0			
33027	MMSD	16	G2	0.00E+00	10/28/08	4.0			
33027	MMSD	16	H	0.00E+00	10/28/08	4.0			
33027	MMSD	16	R	0.00E+00	10/28/08	4.0			
33054	MMSD	17	A	1.60E+05	11/11/08	4.0	Yes		Ad 41, Ad 31
33054	MMSD	17	E	1.04E+04	11/11/08	4.0	Yes		Ent 71
33054	MMSD	17	G1	0.00E+00	11/11/08	4.0			
33054	MMSD	17	G2	0.00E+00	11/11/08	4.0			
33054	MMSD	17	H	0.00E+00	11/11/08	4.0			
33054	MMSD	17	R	0.00E+00	11/11/08	4.0			
33137	MMSD	18	A	6.11E+05	12/15/08	4.0	Yes		Ad 41, Ad 31
33137	MMSD	18	E	3.56E+03	12/15/08	4.0	Yes		Ech 3
33137	MMSD	18	G1	0.00E+00	12/15/08	4.0			
33137	MMSD	18	G2	0.00E+00	12/15/08	4.0			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33137	MMSD	18	H	0.00E+00	12/15/08	4.0			
33137	MMSD	18	R	0.00E+00	12/15/08	4.0			
33138	MMSD	19	A	1.25E+09	12/16/08	4.0	Yes		Ad 41, Ad 31
33138	MMSD	19	E	3.14E+02	12/16/08	4.0	Yes		Ech 3
33138	MMSD	19	G1	0.00E+00	12/16/08	4.0			
33138	MMSD	19	G2	0.00E+00	12/16/08	4.0			
33138	MMSD	19	H	0.00E+00	12/16/08	4.0			
33138	MMSD	19	R	0.00E+00	12/16/08	4.0			
33153	MMSD	20	A	1.44E+05	1/7/09	4.0	Yes		Ad 41, Ad 31
33153	MMSD	20	E	4.34E+01	1/7/09	4.0	Yes		Ech 3, Ech 9
33153	MMSD	20	G1	0.00E+00	1/7/09	4.0			
33153	MMSD	20	G2	0.00E+00	1/7/09	4.0			
33153	MMSD	20	H	0.00E+00	1/7/09	4.0			
33153	MMSD	20	R	0.00E+00	1/7/09	4.0			
33164	MMSD	21	A	2.79E+04	1/23/09	4.0	No	Yes	Ad 41, Ad 31
33164	MMSD	21	E	2.80E+02	1/23/09	4.0	No	Yes	Ech 9
33164	MMSD	21	G1	0.00E+00	1/23/09	4.0			
33164	MMSD	21	G2	0.00E+00	1/23/09	4.0			
33164	MMSD	21	H	0.00E+00	1/23/09	4.0			
33164	MMSD	21	R	0.00E+00	1/23/09	4.0			
33165	MMSD	22	A	3.71E+04	2/3/09	4.0	No	Yes	Ad 41, Ad 31
33165	MMSD	22	E	0.00E+00	2/3/09	4.0			
33165	MMSD	22	G1	0.00E+00	2/3/09	4.0			
33165	MMSD	22	G2	0.00E+00	2/3/09	4.0			
33165	MMSD	22	H	0.00E+00	2/3/09	4.0			
33165	MMSD	22	R	0.00E+00	2/3/09	4.0			
33198	MMSD	23	A	7.36E+03	2/17/09	4.0	Yes		Ad 41
33198	MMSD	23	E	5.01E+02	2/17/09	4.0	Yes		Ech 30, Cox B4
33198	MMSD	23	G1	4.91E+04	2/17/09	4.0			
33198	MMSD	23	G2	6.54E+01	2/17/09	4.0			
33198	MMSD	23	H	0.00E+00	2/17/09	4.0			
33198	MMSD	23	R	6.90E+01	2/17/09	4.0			
33235	MMSD	24	A	1.25E+04	3/12/09	4.0	Yes		Ad 41, Ad 31
33235	MMSD	24	E	2.04E+03	3/12/09	4.0	Yes		Ech 30, Ech 9
33235	MMSD	24	G1	4.07E+02	3/12/09	4.0			
33235	MMSD	24	G2	0.00E+00	3/12/09	4.0			
33235	MMSD	24	H	0.00E+00	3/12/09	4.0			
33235	MMSD	24	R	0.00E+00	3/12/09	4.0			
33305	MMSD	25	A	1.21E+04	4/9/09	4.0	Yes		Ad 2, Ad 41
33305	MMSD	25	E	3.31E+03	4/9/09	4.0	Yes		Ech 9
33305	MMSD	25	G1	5.98E+04	4/9/09	4.0			
33305	MMSD	25	G2	0.00E+00	4/9/09	4.0			
33305	MMSD	25	H	0.00E+00	4/9/09	4.0			
33305	MMSD	25	R	0.00E+00	4/9/09	4.0			
33333	MMSD	26	A	1.26E+04	4/28/09	4.0	Yes		Ad 5, Ad 41, Ad 31
33333	MMSD	26	E	2.92E+02	4/28/09	4.0	Yes		Cox B2, Ech 9
33333	MMSD	26	G1	0.00E+00	4/28/09	4.0			
33333	MMSD	26	G2	0.00E+00	4/28/09	4.0			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
33333	MMSD	26	H	0.00E+00	4/28/09	4.0			
33333	MMSD	26	R	0.00E+00	4/28/09	4.0			
32073	Monona	1	A	0.00E+00	9/21/07	821.4			
32073	Monona	1	E	0.00E+00	9/21/07	821.4			
32073	Monona	1	G1	0.00E+00	9/21/07	821.4			
32073	Monona	1	G2	0.00E+00	9/21/07	821.4			
32073	Monona	1	H	0.00E+00	9/21/07	821.4			
32073	Monona	1	R	0.00E+00	9/21/07	821.4			
32074	Monona	1	A	8.91E+00	9/21/07	821.4	No	Yes	Ad 41
32074	Monona	1	E	0.00E+00	9/21/07	821.4			
32074	Monona	1	G1	0.00E+00	9/21/07	821.4			
32074	Monona	1	G2	0.00E+00	9/21/07	821.4			
32074	Monona	1	H	0.00E+00	9/21/07	821.4			
32074	Monona	1	R	0.00E+00	9/21/07	821.4			
32840	Monona	8	A	0.00E+00	4/30/08	1150.8			
32840	Monona	8	E	0.00E+00	4/30/08	1150.8			
32840	Monona	8	G1	0.00E+00	4/30/08	1150.8			
32840	Monona	8	G2	0.00E+00	4/30/08	1150.8			
32840	Monona	8	H	0.00E+00	4/30/08	1150.8			
32840	Monona	8	R	0.00E+00	4/30/08	1150.8			
32841	Monona	8	A	0.00E+00	4/30/08	1150.8			
32841	Monona	8	E	0.00E+00	4/30/08	1150.8			
32841	Monona	8	G1	0.00E+00	4/30/08	1150.8			
32841	Monona	8	G2	0.00E+00	4/30/08	1150.8			
32841	Monona	8	H	0.00E+00	4/30/08	1150.8			
32841	Monona	8	R	0.00E+00	4/30/08	1150.8			
32935	Monona	10	A	1.49E-02	7/8/08	984.2	No	Yes	Ad 2
32935	Monona	10	E	3.05E+00	7/8/08	984.2	Yes		Ech 30
32935	Monona	10	G1	0.00E+00	7/8/08	984.2			
32935	Monona	10	G2	0.00E+00	7/8/08	984.2			
32935	Monona	10	H	0.00E+00	7/8/08	984.2			
32935	Monona	10	R	0.00E+00	7/8/08	984.2			
32936	Monona	10	A	0.00E+00	7/8/08	984.2			
32936	Monona	10	E	0.00E+00	7/8/08	984.2			
32936	Monona	10	G1	0.00E+00	7/8/08	984.2			
32936	Monona	10	G2	0.00E+00	7/8/08	984.2			
32936	Monona	10	H	0.00E+00	7/8/08	984.2			
32936	Monona	10	R	0.00E+00	7/8/08	984.2			
32984	Monona	12	A	0.00E+00	8/28/08	984.2			
32984	Monona	12	E	0.00E+00	8/28/08	984.2			
32984	Monona	12	G1	0.00E+00	8/28/08	984.2			
32984	Monona	12	G2	0.00E+00	8/28/08	984.2			
32984	Monona	12	H	0.00E+00	8/28/08	984.2			
32984	Monona	12	R	0.00E+00	8/28/08	984.2			
32985	Monona	12	A	0.00E+00	8/28/08	984.2			
32985	Monona	12	E	0.00E+00	8/28/08	984.2			
32985	Monona	12	G1	0.00E+00	8/28/08	984.2			
32985	Monona	12	G2	0.00E+00	8/28/08	984.2			

MC Sample ID	sample site	sample sequence	Virus Type	Mean Virus Conc (gc/L)	Collection Date	Liters	Infectivity Results		Serotype
							CPE	ICC-PCR	
32985	Monona	12	H	0.00E+00	8/28/08	984.2			
32985	Monona	12	R	0.00E+00	8/28/08	984.2			
32032	Wingra	1	A	0.00E+00	9/17/07	832.8			
32032	Wingra	1	E	0.00E+00	9/17/07	832.8			
32032	Wingra	1	G1	0.00E+00	9/17/07	832.8			
32032	Wingra	1	G2	0.00E+00	9/17/07	832.8			
32032	Wingra	1	H	0.00E+00	9/17/07	832.8			
32032	Wingra	1	R	0.00E+00	9/17/07	832.8			
32033	Wingra	1	A	1.26E+00	9/17/07	832.8	NS	NS	Ad 41
32033	Wingra	1	E	0.00E+00	9/17/07	832.8			
32033	Wingra	1	G1	0.00E+00	9/17/07	832.8			
32033	Wingra	1	G2	0.00E+00	9/17/07	832.8			
32033	Wingra	1	H	0.00E+00	9/17/07	832.8			
32033	Wingra	1	R	0.00E+00	9/17/07	832.8			
32834	Wingra	8	A	0.00E+00	4/29/08	847.9			
32834	Wingra	8	E	0.00E+00	4/29/08	847.9			
32834	Wingra	8	G1	0.00E+00	4/29/08	847.9			
32834	Wingra	8	G2	0.00E+00	4/29/08	847.9			
32834	Wingra	8	H	0.00E+00	4/29/08	847.9			
32834	Wingra	8	R	0.00E+00	4/29/08	847.9			
32835	Wingra	8	A	0.00E+00	4/29/08	847.9			
32835	Wingra	8	E	0.00E+00	4/29/08	847.9			
32835	Wingra	8	G1	0.00E+00	4/29/08	847.9			
32835	Wingra	8	G2	0.00E+00	4/29/08	847.9			
32835	Wingra	8	H	0.00E+00	4/29/08	847.9			
32835	Wingra	8	R	0.00E+00	4/29/08	847.9			
32933	Wingra	10	A	1.27E-02	7/7/08	984.2	No	No	Ad 2
32933	Wingra	10	E	0.00E+00	7/7/08	984.2			
32933	Wingra	10	G1	0.00E+00	7/7/08	984.2			
32933	Wingra	10	G2	0.00E+00	7/7/08	984.2			
32933	Wingra	10	H	0.00E+00	7/7/08	984.2			
32933	Wingra	10	R	0.00E+00	7/7/08	984.2			
32934	Wingra	10	A	0.00E+00	7/7/08	984.2			
32934	Wingra	10	E	0.00E+00	7/7/08	984.2			
32934	Wingra	10	G1	0.00E+00	7/7/08	984.2			
32934	Wingra	10	G2	0.00E+00	7/7/08	984.2			
32934	Wingra	10	H	0.00E+00	7/7/08	984.2			
32934	Wingra	10	R	0.00E+00	7/7/08	984.2			