

Supplementary Table. WNV isolates analyzed in this study.

Genbank accession no.	Strain ID	Geographic origin	Host	Collection date
AF481864	IS-98 ST1	Israel	Stork	1998
AF206518	2741	Greenwich, Connecticut	<i>Culex pipiens</i>	9/14/1999
HM488127	BID-V4188	Stratford, Connecticut	American Crow	9/24/1999
HM488126	BID-V4187	Stratford, Connecticut	American Crow	9/25/1999
HM488128	BID-V4189	Stratford, Connecticut	American Crow	9/27/1999
AF196835	NY99 flamingo382-99	New York	Flamingo	1999
AF260967	NY99-eqhs	New York	Horse	1999
HM488125	BID-V4186	Stratford, Connecticut	American Crow	9/29/1999
HM488130	BID-V4192	Milford, Connecticut	<i>Culex salinarius</i>	9/18/2000
HM488132	BID-V4194	Shelton, Connecticut	<i>Culiseta melanura</i>	9/20/2000
HM488129	BID-V4191	Milford, Connecticut	<i>Culex salinarius</i>	9/21/2000
HM488131	BID-V4193	Milford, Connecticut	<i>Culex pipiens</i>	9/21/2000
AF404756	NY 2000-crow3356	New York	Crow	2000
AF404755	NY 2000-grouse3282	New York	Grouse	2000
AF404754	NJ 2000 MQ488	New Jersey	<i>Culex pipiens</i>	2000
AF404753	MD 2000-crow265	Maryland	Crow	2000
HM488133	BID-V4195	Stratford, Connecticut	<i>Culex pipiens</i>	7/16/2001
HM488134	BID-V4198	Stratford, Connecticut	<i>Ochlerotatus sollicitans</i>	9/6/2001
HM488135	BID-V4199	Stratford, Connecticut	<i>Ochlerotatus cantator</i>	9/6/2001
HM488136	BID-V4200	Stratford, Connecticut	<i>Culex restuans</i>	9/7/2001
DQ164194	32010157	New York	American Crow	2001
HM488208	BID-V4204	Stratford, Connecticut	<i>Culex salinarius</i>	8/19/2002
HM488137	BID-V4202	Stratford, Connecticut	<i>Culex pipiens</i>	8/20/2002
HM756648	BID-V4205	Stratford, Connecticut	<i>Ochlerotatus rivittatus</i>	9/24/2002
HM488114	BID-V4102	Stratford, Connecticut	<i>Aedes cinereus</i>	10/1/2002
AY289214	TVP 8533	Texas	Human	2002
DQ164200	81931	Indiana	Human	2002
DQ164202	81948	Ohio	Human	2002
DQ164197	68960	Georgia	Human	2002
DQ164196	68955	Georgia	Human	2002
DQ164198	80025	Texas	Human	2002
DQ164195	3402005	New York	<i>Culex pipiens/restuans</i>	2002
DQ164193	02002758	New York	American Crow	2002
DQ164187	02003557	New York	American Crow	2002
DQ164186	02003011	New York	American Crow	2002
DQ164205	80022	Texas	human	2002
HM488171	BID-V4560	Redding, Connecticut	<i>Culex restuans</i>	7/8/2003
HM488172	BID-V4561	Fairfield, Connecticut	<i>Ochlerotatus sticticus</i>	8/11/2003
HM488173	BID-V4562	New Haven, Connecticut	<i>Culex restuans</i>	8/12/2003
HM488174	BID-V4563	West Haven, Connecticut	<i>Culex salinarius</i>	8/12/2003
HM488140	BID-V4210	Stratford, Connecticut	<i>Aedes vexans</i>	8/12/2003

HM488209	BID-V4564	Monroe, Connecticut	<i>Ochlerotatussticticus</i>	8/14/2003
HM488210	BID-V4565	Bethany, Connecticut	<i>Culisetamelanura</i>	8/18/2003
HM488138	BID-V4207	Stratford, Connecticut	<i>Culexrestuans</i>	8/18/2003
HM488175	BID-V4569	Glastonbury, Connecticut	<i>Culexrestuans</i>	8/19/2003
HM488212	BID-V4567	New Haven, Connecticut	<i>Culexsalinarius</i>	8/19/2003
HM488213	BID-V4571	Darien, Connecticut	<i>Culexrestuans</i>	8/20/2003
HM488214	BID-V4572	Fairfield, Connecticut	<i>Culexpiens</i>	8/20/2003
HM488215	BID-V4573	Fairfield, Connecticut	<i>Culisetamelanura</i>	8/20/2003
HM488176	BID-V4575	West Haven, Connecticut	<i>Culexsalinarius</i>	8/20/2003
HM488216	BID-V4574	Voluntown, Connecticut	<i>Culisetamelanura</i>	8/20/2003
HM488217	BID-V4581	New Haven, Connecticut	<i>Culexsalinarius</i>	8/21/2003
HM756650	BID-V4582	New Haven, Connecticut	<i>Culexsalinarius</i>	8/21/2003
HM488218	BID-V4583	Danbury, Connecticut	<i>Culexpiens</i>	8/25/2003
HM756651	BID-V4584	Norwalk, Connecticut	<i>Ochlerotatustrivittatus</i>	8/25/2003
HM488219	BID-V4585	Southington, Connecticut	<i>Culexpiens</i>	8/25/2003
HM488220	BID-V4586	West Haven, Connecticut	<i>Culexsalinarius</i>	8/25/2003
HM756652	BID-V4587	Killingworth, Connecticut	<i>Aedes cinereus</i>	8/26/2003
HM756653	BID-V4588	Killingworth, Connecticut	<i>Culexpiens</i>	8/26/2003
HM488221	BID-V4593	Ledyard, Connecticut	<i>Culisetamelanura</i>	9/3/2003
HM756654	BID-V4598	Greenwich, Connecticut	<i>Culexsalinarius</i>	9/9/2003
HM488222	BID-V4599	Stonington, Connecticut	<i>Culisetamelanura</i>	9/9/2003
HM488223	BID-V4603	Fairfield, Connecticut	<i>Culisetamelanura</i>	9/11/2003
HM488224	BID-V4604	Fairfield, Connecticut	<i>Culisetamelanura</i>	9/11/2003
HM488225	BID-V4605	New Haven, Connecticut	<i>Aedes cinereus</i>	9/15/2003
HM488226	BID-V4607	New Haven, Connecticut	<i>Culexpiens</i>	9/15/2003
HM488227	BID-V4608	New Haven, Connecticut	<i>Culexrestuans</i>	9/15/2003
HM488228	BID-V4609	New Haven, Connecticut	<i>Culexsalinarius</i>	9/15/2003
HM488229	BID-V4610	New Haven, Connecticut	<i>Psorophora ferox</i>	9/15/2003
HM488230	BID-V4612	Plainfield, Connecticut	<i>Culexsalinarius</i>	9/16/2003
HM488141	BID-V4212	Stratford, Connecticut	<i>Culexpiens</i>	9/16/2003
HM488231	BID-V4613	Chester, Connecticut	<i>Culisetamelanura</i>	9/17/2003
HM488232	BID-V4614	Chester, Connecticut	<i>Culisetamelanura</i>	9/17/2003
HM756656	BID-V4615	Ledyard, Connecticut	<i>Culisetamelanura</i>	9/17/2003
HM488233	BID-V4616	Meriden, Connecticut	<i>Aedes vexans</i>	9/17/2003
HM488234	BID-V4617	Meriden, Connecticut	<i>Culexsalinarius</i>	9/17/2003
HM488235	BID-V4619	Darien, Connecticut	<i>Culisetamelanura</i>	9/24/2003
HM756657	BID-V4685	Bridgeport, Connecticut	<i>Culexpiens</i>	10/1/2003
HM756658	BID-V4686	Stonington, Connecticut	<i>Culisetamelanura</i>	10/7/2003
HM488139	BID-V4208	Stratford, Connecticut	<i>Culexsalinarius</i>	10/7/2003
HM756659	BID-V4687	Westbrook, Connecticut	<i>Culisetamelanura</i>	10/8/2003
HM488236	BID-V4700	Killingworth, Connecticut	<i>Culisetamelanura</i>	10/15/2003
AY660002	TM171-03	Mexico	Raven	2003
AY712948	Mosquito V4369	Texas	<i>Culex quinquefasciatus</i>	2003
AY712947	Bird 1461	Texas	Blue Jay	2003
AY712946	Bird 1171	Texas	Blue Jay	2003
AY712945	Bird 1153	Texas	Mourning Dove	2003
DQ164199	Texas 82229	Texas	Human	2003
DQ164192	03002094	New York	American Crow	2003

DQ164191	03002086	New York	American Crow	2003
DQ164190	03002018	New York	American Crow	2003
DQ164189	03001986	New York	American Crow	2003
DQ164188	03000360	New York	American Crow	2003
DQ164204	Colorado 3068	Colorado	Red-tailed Hawk	2003
DQ164203	Colorado 3258	Colorado	Magpie	2003
DQ983578	FL03-FL2-3	Florida	<i>Culexnigripalpus</i>	2003
HM488142	BID-V4214	Stratford, Connecticut	<i>Ochlerotatustriseriatus</i>	7/12/2004
HM488143	BID-V4215	Stratford, Connecticut	<i>Aedes cinereus</i>	8/9/2004
HM488144	BID-V4216	Stratford, Connecticut	<i>Culex restuans</i>	8/17/2004
HM488145	BID-V4217	Stratford, Connecticut	<i>Aedes vexans</i>	8/30/2004
HM488146	BID-V4218	Stratford, Connecticut	<i>Psorophora ferox</i>	8/30/2004
HM488147	BID-V4219	Stratford, Connecticut	<i>Culex salinarius</i>	9/13/2004
HM488148	BID-V4220	Stratford, Connecticut	<i>Culex pipiens</i>	10/4/2004
DQ164201	Arizona 2004	Arizona	Human	2004
DQ164206	Bird 3588	Texas	Blue Jay	2004
HM488149	BID-V4223	Stratford, Connecticut	<i>Ochlerotatus cantator</i>	8/1/2005
HM488152	BID-V4226	Stratford, Connecticut	<i>Aedes vexans</i>	8/16/2005
HM488153	BID-V4227	Stratford, Connecticut	<i>Culex pipiens</i>	8/16/2005
HM488154	BID-V4228	Stratford, Connecticut	<i>Culex pipiens</i>	8/16/2005
HM488115	BID-V4103	Stratford, Connecticut	<i>Culex salinarius</i>	8/22/2005
HM488116	BID-V4104	Stratford, Connecticut	<i>Culex pipiens</i> male	8/22/2005
HM488117	BID-V4105	Stratford, Connecticut	<i>Ochlerotatustriseriatus</i>	8/22/2005
HM488118	BID-V4107	Stratford, Connecticut	<i>Culex pipiens</i> male	8/29/2005
HM488119	BID-V4108	Stratford, Connecticut	<i>Culex pipiens</i> male	9/6/2005
HM488120	BID-V4109	Stratford, Connecticut	<i>Culex pipiens</i> male	9/6/2005
HM488150	BID-V4224	Stratford, Connecticut	<i>Culex pipiens</i>	9/6/2005
HM488151	BID-V4225	Stratford, Connecticut	<i>Culex pipiens</i>	9/6/2005
HM488121	BID-V4110	Stratford, Connecticut	<i>Culex pipiens</i>	9/25/2005
HM488158	BID-V4232	Stratford, Connecticut	<i>Culex pipiens</i>	7/31/2006
HM488159	BID-V4233	Stratford, Connecticut	<i>Culex salinarius</i>	8/14/2006
HM488155	BID-V4229	Stratford, Connecticut	<i>Culex restuans</i>	8/31/2006
HM756649	BID-V4354	Stratford, Connecticut	<i>Culex pipiens</i>	9/5/2006
HM488156	BID-V4230	Stratford, Connecticut	<i>Culex pipiens</i>	9/13/2006
HM488157	BID-V4231	Stratford, Connecticut	<i>Culex pipiens</i>	9/18/2006
HM488160	BID-V4355	Stratford, Connecticut	<i>Culex pipiens</i>	9/25/2006
HM488161	BID-V4356	Stratford, Connecticut	<i>Culex pipiens</i>	8/22/2007
HM488163	BID-V4359	Stratford, Connecticut	<i>Culex pipiens</i>	8/29/2007
HM488164	BID-V4360	Stratford, Connecticut	<i>Culex pipiens</i>	8/30/2007
HM488165	BID-V4361	Stratford, Connecticut	<i>Culex pipiens</i>	8/30/2007
HM488162	BID-V4357	Stratford, Connecticut	<i>Culex pipiens</i>	9/4/2007
HM488166	BID-V4362	Stratford, Connecticut	<i>Culex pipiens</i>	9/10/2008
HM488167	BID-V4363	Stratford, Connecticut	<i>Culex pipiens</i>	9/10/2008
HM488168	BID-V4364	Stratford, Connecticut	<i>Culex pipiens</i>	9/10/2008
HM488169	BID-V4365	Stratford, Connecticut	<i>Culex pipiens</i>	9/16/2008
HM488170	BID-V4366	Stratford, Connecticut	<i>Culex pipiens</i>	9/16/2008