

GenBank accession number	Isolate abbreviation	Date of isolation	Location (province)	Sample source	NDV				Influenza A Serotype
					Cleavage site of F protein	Class	Geno- type	Sub-Geno type	
MH289917	13M	2016-01-07	Jiangxi	chicken feed	ERQERL	I	1	1.1.2	-
MH289832	2N	2016-01-07	Jiangxi	duck anal	GKQGRL	II	I	-	-
MH289857	20S	2016-01-13	Hunan	goose pharynx	ERQGRL	I	1	1.1.2	-
MH289855	32S	2016-01-13	Hunan	environmental water	ERQGRL	I	1	1.1.2	-
MH289883	33S	2016-01-13	Hunan	environmental water	ERQERL	I	1	1.1.2	-
MH289856	35S	2016-01-13	Hunan	environmental water	ERQGRL	I	1	1.1.2	-
MH289854	36S	2016-01-13	Hunan	environmental water	ERQGRL	I	1	1.1.2	-
MH289886	48S	2016-01-13	Hunan	depilator	ERQERL	I	1	1.1.2	H9N2
MH289885	49S	2016-01-13	Hunan	depilator	ERQERL	I	1	1.1.2	H9N2
MH289876	54S	2016-01-13	Hunan	chicken drinking water	ERQERL	I	1	1.1.2	H9N2
MH289887	62S	2016-01-13	Hunan	chicken drinking water	ERQERL	I	1	1.1.2	H9N2
MH289888	65S	2016-01-13	Hunan	chicken cage	ERQERL	I	1	1.1.2	H9N2
MH289892	75S	2016-01-13	Hunan	ground sewage	ERQERL	I	1	1.1.2	H9N2/H5N6
MH289891	77S	2016-01-13	Hunan	ground sewage	ERQERL	I	1	1.1.2	H5N6
MH289893	79S	2016-01-13	Hunan	ground sewage	ERQERL	I	1	1.1.2	H5N6
MH289884	82N	2016-01-13	Hunan	chicken anal	ERQERL	I	1	1.1.2	-
MH289889	82S	2016-01-13	Hunan	ground sewage	ERQERL	I	1	1.1.2	H9N2/H6N6
MH289890	89S	2016-01-13	Hunan	duck feces	ERQERL	I	1	1.1.2	H9N2/H5N6
MH289882	91N	2016-01-13	Hunan	chicken anal	ERQERL	I	1	1.1.2	H9N2
MH289863	92N	2016-01-13	Hunan	chicken anal	ERQGRL	I	1	1.1.2	-
MH289864	94N	2016-01-13	Hunan	chicken anal	ERQGRL	I	1	1.1.2	H9N2
MH289870	6T	2016-02-24	Hunan	chicken anal	ERQERL	I	1	1.1.2	-
MH289880	77T	2016-02-24	Hunan	ground sewage	ERQERL	I	1	1.1.2	H5N6
MH289881	78T	2016-02-24	Hunan	ground sewage	ERQERL	I	1	1.1.2	H5N6
MH289835	F2-110-1	2016-02-24	Hunan	anser feces	GKQGRL	II	I	-	-
MH289837	F2-110-2	2016-02-24	Hunan	anser feces	GKQGRL	II	I	-	-
MH289841	F2-113-1	2016-02-24	Hunan	anser feces	GKQGRL	II	I	-	-
MH289839	F2-115-1	2016-02-24	Hunan	anser feces	GKQGRL	II	I	-	-
MH289842	F2-117-1	2016-02-24	Hunan	anser feces	GKQGRL	II	I	-	-
MH289836	F2-117-2	2016-02-24	Hunan	anser feces	GKQGRL	II	I	-	-
MH289846	F2-119-2	2016-02-24	Hunan	anser feces	GKQGRL	II	I	-	-
MH289869	F2-95-1	2016-02-24	Hunan	anser feces	ERQERL	I	1	1.1.2	-
MH289845	F3-111-2	2016-02-24	Hunan	anser feces	GKQGRL	II	I	-	-
MH289843	F3-114-1	2016-02-24	Hunan	anser feces	GKQGRL	II	I	-	-
MH289838	F3-118-2	2016-02-24	Hunan	anser feces	GKQGRL	II	I	-	-
MH289844	F3-144-2	2016-03-07	Hubei	anser feces	GKQGRL	II	I	-	-
MH289840	F3-133-2	2016-03-09	Hubei	anser feces	GKQGRL	II	I	-	H9N2
MH289915	14U	2016-03-14	Jiangxi	duck pharynx	ERQERL	I	1	1.1.2	-
MH289918	37U	2016-03-14	Jiangxi	duck feed	ERQERL	I	1	1.1.2	-
MH289965	50U	2016-03-14	Jiangxi	ground sewage	ERQERL	I	1	1.1.2	-
MH289966	55U	2016-03-14	Jiangxi	chicken drinking water	ERQERL	I	1	1.1.2	H9N2
MH289914	57U	2016-03-14	Jiangxi	depilator	ERQERL	I	1	1.1.2	H7N9
MH289964	61U	2016-03-14	Jiangxi	chicken feces	ERQERL	I	1	1.1.2	-
MH289916	99T	2016-03-14	Jiangxi	duck anal	ERQERL	I	1	1.1.2	-
MH289878	73V1	2016-03-24	Hunan	chicken anal	ERQERL	I	1	1.1.2	H9N2
MH289875	15W1	2016-04-29	Hunan	chicken pharynx	ERQERL	I	1	1.1.2	H9N2
MH289858	50W1	2016-04-29	Hunan	chicken anal	ERQGRL	I	1	1.1.2	H9N2
MH289877	54W1	2016-04-29	Hunan	chicken anal	ERQERL	I	1	1.1.2	-
MH289860	68W	2016-04-29	Hunan	chicken feces	ERQGRL	I	1	1.1.2	H9N2
MH289932	6W1	2016-04-29	Hunan	chicken pharynx	ERQERL	I	1	1.1.2	H9N2
MH289874	74W	2016-04-29	Hunan	duck feed	ERQERL	I	1	1.1.2	-
MH289859	87W	2016-04-29	Hunan	ground sewage	ERQGRL	I	1	1.1.2	-
MH289969	35X	2016-05-24	Jiangxi	ground sewage	ERQERL	I	1	1.1.2	H5N6/H7
MH289967	39X	2016-05-24	Jiangxi	chicken drinking water	ERQERL	I	1	1.1.2	-
MH289968	40X	2016-05-24	Jiangxi	chicken drinking water	ERQERL	I	1	1.1.2	-
MH289970	43X	2016-05-24	Jiangxi	environmental water	ERQERL	I	1	1.1.2	-
MH289899	47X	2016-05-24	Jiangxi	cutting board	ERQERL	I	1	1.1.2	-
MH289871	125X	2016-06-24	Jiangxi	chicken pharynx	ERQERL	I	1	1.1.2	H9N2

MH289936	163X	2016-06-24	Jiangxi	pigeon pharynx	ERQERL	I	1	1.1.2	-
MH289935	180X	2016-06-24	Jiangxi	ground sewage	ERQERL	I	1	1.1.2	-
MH289937	185X	2016-06-24	Jiangxi	ground sewage	ERQERL	I	1	1.1.2	-
MH289872	188X	2016-06-24	Jiangxi	ground sewage	ERQERL	I	1	1.1.2	-
MH289873	192X	2016-06-24	Jiangxi	ground sewage	ERQERL	I	1	1.1.2	-
MH289879	Y10	2016-07-21	Hunan	chicken pharynx	ERQERL	I	1	1.1.2	-
MH289894	Y15	2016-07-21	Hunan	chicken pharynx	ERQERL	I	1	1.1.2	-
MH289933	Y28	2016-07-29	Jiangxi	chicken pharynx	ERQERL	I	1	1.1.2	H9N2
MH289934	Y34	2016-07-29	Jiangxi	chicken pharynx	ERQERL	I	1	1.1.2	-
MH289931	25Y4	2016-08-25	Hunan	duck pharynx	ERQERL	I	1	1.1.2	-
MH289919	Y82	2016-08-26	Jiangxi	duck pharynx	ERQERL	I	1	1.1.2	H9N2
MH289949	Y94	2016-08-26	Jiangxi	duck drinking water	ERQERL	I	1	1.1.2	H9N2
MH289950	Y95	2016-08-26	Jiangxi	duck drinking water	ERQERL	I	1	1.1.2	-
MH289920	Y98	2016-08-26	Jiangxi	ground sewage	ERQERL	I	1	1.1.2	-
MH289847	20C2	2016-09-22	Jiangxi	chicken pharynx	GRQGRL	II	II	-	-
MH289939	21C2	2016-09-22	Jiangxi	chicken anal	ERQERL	I	1	1.1.2	-
MH289938	44C2	2016-09-22	Jiangxi	duck pharynx	ERQERL	I	1	1.1.2	-
MH289940	45C2	2016-09-22	Jiangxi	duck pharynx	ERQERL	I	1	1.1.2	-
MH289948	57C2	2016-09-22	Jiangxi	duck pharynx	ERQERL	I	1	1.1.2	-
MH289947	59C2	2016-09-22	Jiangxi	duck pharynx	ERQERL	I	1	1.1.2	-
MH289831	75C2	2016-09-22	Jiangxi	duck anal	GKQGRL	II	I	-	-
MH289833	77C2	2016-09-22	Jiangxi	duck anal	GKQGRL	II	I	-	-
MH289834	79C2	2016-09-22	Jiangxi	duck anal	GKQGRL	II	I	-	-
MH289868	28A2	2016-10-25	Jiangxi	chicken anal	ERQERL	I	1	1.1.2	-
MH289852	31A2	2016-10-25	Jiangxi	chicken pharynx	GRQGRL	II	II	-	-
MH289848	33A2	2016-10-25	Jiangxi	chicken pharynx	GRQGRL	II	II	-	-
MH289853	37A2	2016-10-25	Jiangxi	chicken pharynx	GRQGRL	II	II	-	-
MH289850	38A2	2016-10-25	Jiangxi	chicken anal	GRQGRL	II	II	-	-
MH289921	57A2	2016-10-25	Jiangxi	duck pharynx	ERQERL	I	1	1.1.2	-
MH289943	85A2	2016-10-25	Jiangxi	duck pharynx	ERQERL	I	1	1.1.2	-
MH289942	86A2	2016-10-25	Jiangxi	duck anal	ERQERL	I	1	1.1.2	-
MH289910	19B2	2016-10-27	Hunan	chicken pharynx	ERQERL	I	1	1.1.2	-
MH289911	24B2	2016-10-27	Hunan	chicken anal	ERQERL	I	1	1.1.2	-
MH289909	27B2	2016-10-27	Hunan	chicken pharynx	ERQERL	I	1	1.1.2	-
MH289912	31B2	2016-10-27	Hunan	chicken pharynx	ERQERL	I	1	1.1.2	-
MH289861	67B2	2016-10-27	Hunan	duck pharynx	ERQERL	I	1	1.1.2	-
MH289945	17H2	2016-11-29	Jiangxi	chicken pharynx	ERQERL	I	1	1.1.2	H9N2
MH289946	19H2	2016-11-29	Jiangxi	chicken pharynx	ERQERL	I	1	1.1.2	H9
MH289944	69H2	2016-11-29	Jiangxi	duck pharynx	ERQERL	I	1	1.1.2	H9N2
MH289862	16I2	2016-12-22	Jiangxi	chicken anal	ERQERL	I	1	1.1.2	H9N2
MH289961	25I2	2016-12-22	Jiangxi	chicken pharynx	ERQERL	I	1	1.1.2	H9N2
MH289963	50I2	2016-12-22	Jiangxi	chicken anal	ERQERL	I	1	1.1.2	-
MH289962	53I2	2016-12-22	Jiangxi	duck pharynx	ERQERL	I	1	1.1.2	-
MH289960	56I2	2016-12-22	Jiangxi	duck anal	ERQERL	I	1	1.1.2	-
MH289923	24J2	2016-12-27	Hunan	chicken anal	ERQERL	I	1	1.1.2	-
MH289849	31J2	2016-12-27	Hunan	chicken pharynx	GRQGRL	II	II	-	H9N2
MH289901	108G2	2017-1-11	Jiangxi	chicken feces	ERQERL	I	1	1.1.2	H9N2/H7N9/H5N6
MH289902	12E2	2017-1-11	Jiangxi	chicken pharynx and anal	ERQERL	I	1	1.1.2	H9N2/H7N9
MH289851	22F2	2017-1-11	Jiangxi	chicken pharynx and anal	GRQGRL	II	II	-	H7N9
MH289908	30F2	2017-1-11	Jiangxi	chicken pharynx and anal	ERQERL	I	1	1.1.2	H9N2
MH289907	4F2	2017-1-11	Jiangxi	chicken pharynx and anal	ERQERL	I	1	1.1.2	H9N2
MH289941	77F2	2017-1-11	Jiangxi	chicken drinking water	ERQERL	I	1	1.1.2	H9N2
MH289906	80F2	2017-1-11	Jiangxi	chicken feces	ERQERL	I	1	1.1.2	H9N2
MH289904	34G2	2017-1-12	Jiangxi	chicken pharynx and anal	ERQERL	I	1	1.1.2	H9N2/H5N6

MH289900	63G2	2017-1-12	Jiangxi	chicken pharynx and anal	ERQERL	I	1	1.1.2	H9N2/N9
MH289903	71G2	2017-1-12	Jiangxi	chicken pharynx and anal	ERQERL	I	1	1.1.2	H9N2
MH289905	82G2	2017-1-12	Jiangxi	chicken pharynx and anal	ERQERL	I	1	1.1.2	H7N9/H9N6
MH289930	K200	2017-1-17	Hunan	chicken pharynx and anal	ERQERL	I	1	1.1.2	H7N9
MH289926	K47	2017-1-17	Hunan	chicken feed	ERQERL	I	1	1.1.2	-
MH289897	K49	2017-1-17	Hunan	chicken feed	ERQERL	I	1	1.1.2	H9N2/H7N9/H6
MH289895	K50	2017-1-17	Hunan	chicken feed	ERQERL	I	1	1.1.2	H9N2/H6
MH289927	K58	2017-1-17	Hunan	duck feed	ERQERL	I	1	1.1.2	H7N9/H6N6
MH289928	K64	2017-1-17	Hunan	duck feed	ERQERL	I	1	1.1.2	H7N9/H6N6
MH289925	K65	2017-1-17	Hunan	duck feed	ERQERL	I	1	1.1.2	H7N9/H6N6
MH289896	K66	2017-1-17	Hunan	chicken feces	ERQERL	I	1	1.1.2	H9N2/H7N9/N6
MH289898	K67	2017-1-17	Hunan	chicken feces	ERQERL	I	1	1.1.2	H9N2
MH289922	K86	2017-1-17	Hunan	duck pharynx and anal	ERQERL	I	1	1.1.2	H9N2/H6N6/H4N3
MH289924	K90	2017-1-17	Hunan	duck pharynx and anal	ERQERL	I	1	1.1.2	H9N2/H7N9/H6N6
MH289929	K93	2017-1-17	Hunan	duck pharynx and anal	ERQERL	I	1	1.1.2	H7N9/H6N6
MH289913	F2B62	2017-02-18	Hubei	wild birds feces	ERQERL	I	1	1.1.2	-
MH289866	110L2	2017-2-27	Hunan	depilator	ERQERL	I	1	1.1.2	-
MH289958	47L2	2017-2-27	Hunan	chicken pharynx and anal	ERQERL	I	1	1.1.2	-
MH289959	53L2	2017-2-27	Hunan	chicken pharynx and anal	ERQERL	I	1	1.1.2	-
MH289867	54L2	2017-2-27	Hunan	chicken pharynx and anal	ERQERL	I	1	1.1.2	-
MH289865	55L2	2017-2-27	Hunan	chicken pharynx and anal	ERQERL	I	1	1.1.2	-
MH289956	105M2	2017-03-24	Hunan	chicken anal	ERQERL	I	1	1.1.2	-
MH289957	106M2	2017-03-24	Hunan	chicken anal	ERQERL	I	1	1.1.2	-
MH289955	109M2	2017-03-24	Hunan	chicken anal	ERQERL	I	1	1.1.2	-
MH289954	36M2	2017-03-24	Hunan	chicken pharynx	ERQERL	I	1	1.1.2	-
MH289952	38M2	2017-03-24	Hunan	chicken pharynx	ERQERL	I	1	1.1.2	H9N2
MH289953	41M2	2017-03-24	Hunan	chicken pharynx	ERQERL	I	1	1.1.2	H9N2
MH289951	44M2	2017-03-24	Hunan	chicken pharynx	ERQERL	I	1	1.1.2	-