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Fatal Human Neurologic Infection Caused by Pigeon Avian Paramyxovirus-1, Australia

Appendix

Appendix Table. Source and metadata of sequences used for fusion gene analysis

Accession no.	Host	Country	Strain	Year	Lineage	Label
GenBank	Human	AUS	Sydney	2022	VI 2.1.1.2.2	GenBank/Human/AUS/Sydney/2022
JN872162	Rosella	BEL	4940	2008	VI 2.1.1.2.2	JN872162/Rosella/BEL/4940/2008
JQ979176	Pigeon	CHN	SDLC	2011	VI 2.1.1.2.2	JQ979176/Pigeon/CHN/SDLC/2011
JQ993431	Pigeon	CHN	SDS	2011	VI 2.1.1.2.2	JQ993431/Pigeon/CHN/SDS/2011
JX486552	Pigeon	CHN	110713	2011	VI 2.1.1.2.2	JX486552/Pigeon/CHN/110713/2011
JX901122	Pigeon	BEL	11-07574	2011	VI 2.1.1.2.2	JX901122/Pigeon/BEL/11-07574/2011
JX901123	Pigeon	BEL	11-08304	2011	VI 2.1.1.2.2	JX901123/Pigeon/BEL/11-08304/2011
JX901124	Pigeon	BEL	11-09620	2011	VI 2.1.1.2.2	JX901124/Pigeon/BEL/11-09620/2011
KJ600778	Pigeon	CHN	SH	2013	VI 2.1.1.2.2	KJ600778/Pigeon/CHN/SH/2013
KJ600779	Pigeon	CHN	SH	2013	VI 2.1.1.2.2	KJ600779/Pigeon/CHN/SH/2013
KJ607165	Pigeon	CHN	131237	2013	VI 2.1.1.2.2	KJ607165/Pigeon/CHN/131237/2013
KJ607166	Pigeon	CHN	131011	2013	VI 2.1.1.2.2	KJ607166/Pigeon/CHN/131011/2013
KJ782376	Pigeon	CHN	0707	2011	VI 2.1.1.2.2	KJ782376/Pigeon/CHN/0707/2011
KJ808819	Pigeon	CHN	BJ2013	2013	VI 2.1.1.2.2	KJ808819/Pigeon/CHN/BJ2013/2013
KM374056	Pigeon	CHN	1111	2013	VI 2.1.1.2.2	KM374056/Pigeon/CHN/1111/2013
KM374057	Pigeon	CHN	2365	2012	VI 2.1.1.2.2	KM374057/Pigeon/CHN/2365/2012
KM374058	Pigeon	CHN	2369	2012	VI 2.1.1.2.2	KM374058/Pigeon/CHN/2369/2012
KM374060	Pigeon	CHN	215	2011	VI 2.1.1.2.2	KM374060/Pigeon/CHN/215/2011
KM374061	Pigeon	CHN	2036	2012	VI 2.1.1.2.2	KM374061/Pigeon/CHN/2036/2012
KP861633	Pigeon	CHN	SD069	2012	VI 2.1.1.2.2	KP861633/Pigeon/CHN/SD069/2012
KT163261	Pigeon	CHN	0163	2012	VI 2.1.1.2.2	KT163261/Pigeon/CHN/0163/2012
KT163262	Pigeon	CHN	0167	2013	VI 2.1.1.2.2	KT163262/Pigeon/CHN/0167/2013
KT163263	Pigeon	CHN	0168	2013	VI 2.1.1.2.2	KT163263/Pigeon/CHN/0168/2013
KU522142	Pigeon	EGY	VRLCU	2014	VI 2.1.1.2.2	KU522142/Pigeon/EGY/VRLCU/2014
KU527559	Pigeon	CHN	DH09	2015	VI 2.1.1.2.2	KU527559/Pigeon/CHN/DH09/2015
KU527560	Pigeon	CHN	NG05	2015	VI 2.1.1.2.2	KU527560/Pigeon/CHN/NG05/2015
KX710210	Pigeon	IND	D168	2015	VI 2.1.1.2.2	KX710210/Pigeon/IND/D168/2015
KY788663	Grey_heron	CHN	GZ333	2015	VI 2.1.1.2.2	KY788663/Grey_heron/CHN/GZ333/2015
KY788667	European_turtle_dove	CHN	GZ23	2015	VI 2.1.1.2.2	KY788667/European_turtle_dove/CHN/GZ23/2015

Accession no.	Host	Country	Strain	Year	Lineage	Label
MF580815	Pigeon	CHN	GX0094	2011	VI 2.1.1.2.2	MF580815/Pigeon/CHN/GX0094/2011
MF580816	Pigeon	CHN	GX0001	2012	VI 2.1.1.2.2	MF580816/Pigeon/CHN/GX0001/2012
MF580817	Pigeon	CHN	GX0012	2012	VI 2.1.1.2.2	MF580817/Pigeon/CHN/GX0012/2012
MF580818	Pigeon	CHN	GX0019	2012	VI 2.1.1.2.2	MF580818/Pigeon/CHN/GX0019/2012
MF580819	Pigeon	CHN	GX0022	2012	VI 2.1.1.2.2	MF580819/Pigeon/CHN/GX0022/2012
MF580820	Pigeon	CHN	GX0029	2012	VI 2.1.1.2.2	MF580820/Pigeon/CHN/GX0029/2012
MF580821	Pigeon	CHN	GX0031	2012	VI 2.1.1.2.2	MF580821/Pigeon/CHN/GX0031/2012
MF580823	Pigeon	CHN	GX0505	2012	VI 2.1.1.2.2	MF580823/Pigeon/CHN/GX0505/2012
MF580824	Pigeon	CHN	GX0004	2013	VI 2.1.1.2.2	MF580824/Pigeon/CHN/GX0004/2013
MF580825	Pigeon	CHN	GX0119	2015	VI 2.1.1.2.2	MF580825/Pigeon/CHN/GX0119/2015
MF580826	Pigeon	CHN	GX0126	2015	VI 2.1.1.2.2	MF580826/Pigeon/CHN/GX0126/2015
MF580827	Pigeon	CHN	GX1103	2015	VI 2.1.1.2.2	MF580827/Pigeon/CHN/GX1103/2015
MG840651	Environmental	CHN	HD240	2017	VI 2.1.1.2.2	MG840651/Environmental/CHN/HD240/2017
MG840652	Pigeon	CHN	1233	2014	VI 2.1.1.2.2	MG840652/Pigeon/CHN/1233/2014
MG840653	Pigeon	CHN	1050	2017	VI 2.1.1.2.2	MG840653/Pigeon/CHN/1050/2017
MG840654	Pigeon	CHN	2068	2016	VI 2.1.1.2.2	MG840654/Pigeon/CHN/2068/2016
MG840655	Pigeon	CHN	1325	2017	VI 2.1.1.2.2	MG840655/Pigeon/CHN/1325/2017
MG840656	Pigeon	CHN	1344	2017	VI 2.1.1.2.2	MG840656/Pigeon/CHN/1344/2017
MG840657	Pigeon	CHN	2045	2014	VI 2.1.1.2.2	MG840657/Pigeon/CHN/2045/2014
MG840658	Pigeon	CHN	1205	2015	VI 2.1.1.2.2	MG840658/Pigeon/CHN/1205/2015
MG840659	Pigeon	CHN	1336	2015	VI 2.1.1.2.2	MG840659/Pigeon/CHN/1336/2015
MG840660	Pigeon	CHN	1453	2017	VI 2.1.1.2.2	MG840660/Pigeon/CHN/1453/2017
MH807446	Pigeon	CHN	BJ-01	2001	VI 2.1.1.2.2	MH807446/Pigeon/CHN/BJ-01/2001
MK335466	Pigeon	CHN	LNPPMV17	2017	VI 2.1.1.2.2	MK335466/Pigeon/CHN/LNPPMV17/2017
MK469964	Pigeon	CHN	GXG20	2015	VI 2.1.1.2.2	MK469964/Pigeon/CHN/GXG20/2015
MK469965	Pigeon	CHN	GXG29	2016	VI 2.1.1.2.2	MK469965/Pigeon/CHN/GXG29/2016
MK469967	Pigeon	CHN	GXG33	2016	VI 2.1.1.2.2	MK469967/Pigeon/CHN/GXG33/2016
MK469968	Pigeon	CHN	GXG35	2017	VI 2.1.1.2.2	MK469968/Pigeon/CHN/GXG35/2017
MK469970	Pigeon	CHN	GXG3	2012	VI 2.1.1.2.2	MK469970/Pigeon/CHN/GXG3/2012
MK469971	Pigeon	CHN	GXG6	2013	VI 2.1.1.2.2	MK469971/Pigeon/CHN/GXG6/2013
MK469973	Pigeon	CHN	GXG13	2014	VI 2.1.1.2.2	MK469973/Pigeon/CHN/GXG13/2014
MK516200	Pigeon	CHN	SD01	2013	VI 2.1.1.2.2	MK516200/Pigeon/CHN/SD01/2013
MK516201	Pigeon	CHN	SD03	2013	VI 2.1.1.2.2	MK516201/Pigeon/CHN/SD03/2013
MK749297	Pigeon	CHN	GXG1	2012	VI 2.1.1.2.2	MK749297/Pigeon/CHN/GXG1/2012
MK749298	Pigeon	CHN	GXG22	2015	VI 2.1.1.2.2	MK749298/Pigeon/CHN/GXG22/2015
MK749299	Pigeon	CHN	GXG24	2015	VI 2.1.1.2.2	MK749299/Pigeon/CHN/GXG24/2015
MK749300	Pigeon	CHN	GXG25	2015	VI 2.1.1.2.2	MK749300/Pigeon/CHN/GXG25/2015
MK749301	Pigeon	CHN	GXG28	2016	VI 2.1.1.2.2	MK749301/Pigeon/CHN/GXG28/2016
MK749302	Pigeon	CHN	GXG31	2016	VI 2.1.1.2.2	MK749302/Pigeon/CHN/GXG31/2016
MK764391	Chicken	CHN	HB-1	2015	VI 2.1.1.2.2	MK764391/Chicken/CHN/HB-1/2015
MK764392	Pigeon	CHN	TJ-1	2015	VI 2.1.1.2.2	MK764392/Pigeon/CHN/TJ-1/2015
MK896851	Pigeon	CHN	SD0315	2018	VI 2.1.1.2.2	MK896851/Pigeon/CHN/SD0315/2018
MN413534	Pigeon	AUS	Thomastown	2011	VI 2.1.1.2.2	MN413534/Pigeon/AUS/Thomastown/2011
MN413535	Pigeon	AUS	Broadmeadows	2011	VI 2.1.1.2.2	MN413535/Pigeon/AUS/Broadmeadows/2011
MN632520	Pigeon	TWN	AHRI107	2016	VI 2.1.1.2.2	MN632520/Pigeon/TWN/AHRI107/2016
MN632521	Pigeon	TWN	AHRI111	2017	VI 2.1.1.2.2	MN632521/Pigeon/TWN/AHRI111/2017
MN700940	Pigeon	CHN	YQ	2012	VI 2.1.1.2.2	MN700940/Pigeon/CHN/YQ/2012
MN862505	Pigeon	CHN	3P3	2018	VI 2.1.1.2.2	MN862505/Pigeon/CHN/3P3/2018
MN862506	Pigeon	CHN	190610-2	2019	VI 2.1.1.2.2	MN862506/Pigeon/CHN/190610-2/2019

Accession no.	Host	Country	Strain	Year	Lineage	Label
MN893303	Pigeon	CHN	GZ08	2017	VI 2.1.1.2.2	MN893303/Pigeon/CHN/GZ08/2017
MN893304	Pigeon	CHN	SZ12	2018	VI 2.1.1.2.2	MN893304/Pigeon/CHN/SZ12/2018
MN893305	Pigeon	CHN	HY25	2019	VI 2.1.1.2.2	MN893305/Pigeon/CHN/HY25/2019
MN953614	Pigeon	CHN	2453	2018	VI 2.1.1.2.2	MN953614/Pigeon/CHN/2453/2018
MN953615	Pigeon	CHN	2364	2018	VI 2.1.1.2.2	MN953615/Pigeon/CHN/2364/2018
MN953616	Pigeon	CHN	1427	2019	VI 2.1.1.2.2	MN953616/Pigeon/CHN/1427/2019
MN953617	Pigeon	CHN	1024	2019	VI 2.1.1.2.2	MN953617/Pigeon/CHN/1024/2019
MN953618	Pigeon	CHN	1433	2019	VI 2.1.1.2.2	MN953618/Pigeon/CHN/1433/2019
MT161598	Pigeon	CHN	GX0019	2012	VI 2.1.1.2.2	MT161598/Pigeon/CHN/GX0019/2012
MT811572	Pigeon	CHN	ZJ-01	2013	VI 2.1.1.2.2	MT811572/Pigeon/CHN/ZJ-01/2013
MT811573	Pigeon	CHN	ZJ-02	2013	VI 2.1.1.2.2	MT811573/Pigeon/CHN/ZJ-02/2013
MT811575	Pigeon	CHN	JS-01	2015	VI 2.1.1.2.2	MT811575/Pigeon/CHN/JS-01/2015
MT811576	Pigeon	CHN	JS-03	2015	VI 2.1.1.2.2	MT811576/Pigeon/CHN/JS-03/2015
MT811577	Pigeon	CHN	AH-06	2016	VI 2.1.1.2.2	MT811577/Pigeon/CHN/AH-06/2016
MT811578	Pigeon	CHN	JS-09	2016	VI 2.1.1.2.2	MT811578/Pigeon/CHN/JS-09/2016
MT811581	Pigeon	CHN	GS-12	2017	VI 2.1.1.2.2	MT811581/Pigeon/CHN/GS-12/2017
MT811582	Pigeon	CHN	JS-05	2019	VI 2.1.1.2.2	MT811582/Pigeon/CHN/JS-05/2019
MW147625	Pigeon	CHN	TJ2017	2017	VI 2.1.1.2.2	MW147625/Pigeon/CHN/TJ2017/2017
MW147626	Pigeon	CHN	BJ2018	2018	VI 2.1.1.2.2	MW147626/Pigeon/CHN/BJ2018/2018
MW271783	Pigeon	CHN	JS-23	2011	VI 2.1.1.2.2	MW271783/Pigeon/CHN/JS-23/2011
MW271784	Pigeon	CHN	ZJ-03	2013	VI 2.1.1.2.2	MW271784/Pigeon/CHN/ZJ-03/2013
MW271785	Pigeon	CHN	JS-01	2015	VI 2.1.1.2.2	MW271785/Pigeon/CHN/JS-01/2015
MW271786	Pigeon	CHN	AH-06	2016	VI 2.1.1.2.2	MW271786/Pigeon/CHN/AH-06/2016
MW271787	Pigeon	CHN	JS-09	2016	VI 2.1.1.2.2	MW271787/Pigeon/CHN/JS-09/2016
MW271788	Pigeon	CHN	GS-12	2017	VI 2.1.1.2.2	MW271788/Pigeon/CHN/GS-12/2017
MW271789	Pigeon	CHN	AH-01	2020	VI 2.1.1.2.2	MW271789/Pigeon/CHN/AH-01/2020
MW271790	Pigeon	CHN	JS-01	2020	VI 2.1.1.2.2	MW271790/Pigeon/CHN/JS-01/2020
MW271791	Pigeon	CHN	JS-06	2020	VI 2.1.1.2.2	MW271791/Pigeon/CHN/JS-06/2020
MW271792	Pigeon	CHN	JS-07	2020	VI 2.1.1.2.2	MW271792/Pigeon/CHN/JS-07/2020
MZ101342	Pigeon	UKR	Petruk	2015	VI 2.1.1.2.2	MZ101342/Pigeon/UKR/Petruk/2015
MZ223436	Pigeon	CHN	JS-02	2020	VI 2.1.1.2.2	MZ223436/Pigeon/CHN/JS-02/2020
MZ223437	Pigeon	CHN	HN-01	2020	VI 2.1.1.2.2	MZ223437/Pigeon/CHN/HN-01/2020
MZ223438	Pigeon	CHN	HN-02	2020	VI 2.1.1.2.2	MZ223438/Pigeon/CHN/HN-02/2020
MZ277620	Pigeon	CHN	0044	2019	VI 2.1.1.2.2	MZ277620/Pigeon/CHN/0044/2019
MZ277621	Pigeon	CHN	0054	2019	VI 2.1.1.2.2	MZ277621/Pigeon/CHN/0054/2019
MZ277622	Pigeon	CHN	0072	2019	VI 2.1.1.2.2	MZ277622/Pigeon/CHN/0072/2019
MZ306222	Turtle_dove	CHN	GX11	2018	VI 2.1.1.2.2	MZ306222/Turtle_dove/CHN/GX11/2018
MZ363634	Pigeon	CHN	GX03	2017	VI 2.1.1.2.2	MZ363634/Pigeon/CHN/GX03/2017
MZ395248	Pigeon	CHN	GX04	2017	VI 2.1.1.2.2	MZ395248/Pigeon/CHN/GX04/2017
MZ395249	Turtle_dove	CHN	GX05	2017	VI 2.1.1.2.2	MZ395249/Turtle_dove/CHN/GX05/2017
MZ395250	Turtle_dove	CHN	GX06	2017	VI 2.1.1.2.2	MZ395250/Turtle_dove/CHN/GX06/2017
MZ395251	Pigeon	CHN	GX07	2017	VI 2.1.1.2.2	MZ395251/Pigeon/CHN/GX07/2017
MZ400779	Turtle_dove	CHN	GX08	2017	VI 2.1.1.2.2	MZ400779/Turtle_dove/CHN/GX08/2017
MZ400780	Turtle_dove	CHN	GX09	2017	VI 2.1.1.2.2	MZ400780/Turtle_dove/CHN/GX09/2017
MZ405131	Spotted_dove	CHN	GX07	2018	VI 2.1.1.2.2	MZ405131/Spotted_dove/CHN/GX07/2018
MZ405137	Pigeon	CHN	GXD28	2020	VI 2.1.1.2.2	MZ405137/Pigeon/CHN/GXD28/2020
MZ620686	Spotted_dove	CHN	GX08	2018	VI 2.1.1.2.2	MZ620686/Spotted_dove/CHN/GX08/2018
MZ620687	Spotted_dove	CHN	GX09	2018	VI 2.1.1.2.2	MZ620687/Spotted_dove/CHN/GX09/2018
MZ620688	Turtle_dove	CHN	GX10	2018	VI 2.1.1.2.2	MZ620688/Turtle_dove/CHN/GX10/2018

Accession no.	Host	Country	Strain	Year	Lineage	Label
MZ620690	Spotted_dove	CHN	GX15	2018	VI 2.1.1.2.2	MZ620690/Spotted_dove/CHN/GX15/2018
MZ620691	Pheasant	CHN	GX13	2018	VI 2.1.1.2.2	MZ620691/Pheasant/CHN/GX13/2018
MZ620692	Quail	CHN	GX14	2018	VI 2.1.1.2.2	MZ620692/Quail/CHN/GX14/2018
MZ620693	Turtle_dove	CHN	GX16	2018	VI 2.1.1.2.2	MZ620693/Turtle_dove/CHN/GX16/2018
MZ620694	Turtle_dove	CHN	GX17	2018	VI 2.1.1.2.2	MZ620694/Turtle_dove/CHN/GX17/2018
MZ620695	Pheasant	CHN	GX04	2019	VI 2.1.1.2.2	MZ620695/Pheasant/CHN/GX04/2019
MZ620696	Spotted_dove	CHN	GX06	2019	VI 2.1.1.2.2	MZ620696/Spotted_dove/CHN/GX06/2019
MZ620698	Turtle_dove	CHN	GX11	2019	VI 2.1.1.2.2	MZ620698/Turtle_dove/CHN/GX11/2019
ON637881	Turtle_dove	TWN	C239	2021	VI 2.1.1.2.2	ON637881/Turtle_dove/TWN/C239/2021
ON645962	Pigeon	MKD	230	2008	VI 2.1.1.2.2	ON645962/Pigeon/MKD/230/2008
ON645964	Pigeon	MKD	232	2008	VI 2.1.1.2.2	ON645964/Pigeon/MKD/232/2008
ON645965	Pigeon	MKD	234	2007	VI 2.1.1.2.2	ON645965/Pigeon/MKD/234/2007
ON645969	Pigeon	MKD	1503	2007	VI 2.1.1.2.2	ON645969/Pigeon/MKD/1503/2007
ON645970	Pigeon	MKD	962	2008	VI 2.1.1.2.2	ON645970/Pigeon/MKD/962/2008
ON645971	Pigeon	MKD	1501	2007	VI 2.1.1.2.2	ON645971/Pigeon/MKD/1501/2007
ON645972	Pigeon	MKD	2810	2010	VI 2.1.1.2.2	ON645972/Pigeon/MKD/2810/2010
ON939087	Pigeon	CHN	210818	2018	VI 2.1.1.2.2	ON939087/Pigeon/CHN/210818/2018
ON986198	Chicken	CHE	V043-1	2022	VI 2.1.1.2.2	ON986198/Chicken/CHE/V043-1/2022
ON986199	Chicken	CHE	V043-3	2022	VI 2.1.1.2.2	ON986199/Chicken/CHE/V043-3/2022
ON986200	Chicken	CHE	V043-7	2022	VI 2.1.1.2.2	ON986200/Chicken/CHE/V043-7/2022
ON986201	Chicken	CHE	V043-9	2022	VI 2.1.1.2.2	ON986201/Chicken/CHE/V043-9/2022
ON986206	Pigeon	CHE	V051-1	2022	VI 2.1.1.2.2	ON986206/Pigeon/CHE/V051-1/2022
KJ544861	Human	NLD	NL-03	2003	VI 2.1.1.2.2	KJ544861/Human/NLD/NL-03/2003
JX901120	Pigeon	BEL	05-03936-8	2005	VI 2.1.1.2.2	JX901120/Pigeon/BEL/05-03936-8/2005
HM063425*	Pigeon	CHN	P4	XXXX	VI 2.1.1.2.1	HM063425/Pigeon/CHN/P4/XXXX

*Strain used as outgroup for rooting tree.