SUPPLEMENTARY MATERIAL

Resurgence and Rapid Detection of Dengue Virus Serotype 3 in Minas Gerais, Brazil: a case report

Table S1. List of complete reference genomes of DENV3 available in GenBank and GISAID databases used in this study.

Accession numbers	Country
EPI_ISL_18542103*	Brazil
EPI_ISL_18602073*	Brazil
MG721059	India
MG721061	India
MG721064	India
KC762681	Indonesia
KC762682	Indonesia
KC762683	Indonesia
KC762684	Indonesia
KC762685	Indonesia
KC762687	Indonesia
KC762686	Indonesia
KC762688	Indonesia
GQ466079	India
KC762690	Indonesia
KC762689	Indonesia
KC762691	Indonesia
KC762692	Indonesia
KC762693	Indonesia
JF920393	Nicaragua
JF920394	Nicaragua
JF920395	Nicaragua
JF920396	Nicaragua
JF920397	Nicaragua
JF920398	Nicaragua
JF920399	Nicaragua
JF920400	Nicaragua
JF920401	Nicaragua
JF920402	Nicaragua
JF920403	Nicaragua

JF920404	Nicaragua
JF920405	Nicaragua
JF920406	Nicaragua
JF920407	Nicaragua
JF920408	Nicaragua
JF920409	Nicaragua
JF937620	Nicaragua
JF937621	Nicaragua
JF937622	Nicaragua
JF937623	Nicaragua
JF937625	Nicaragua
JF937624	Nicaragua
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JF937636	Nicaragua
JF937637	Nicaragua
JF937638	Nicaragua
JF937639	Nicaragua
JF937640	Nicaragua
JF937641	Nicaragua
JF937642	Nicaragua
JF937643	Nicaragua
JF937646	Nicaragua
JF937647	Nicaragua
JF937648	Nicaragua
JF937652	Nicaragua
KU216208	India
KU216209	India
GQ868546	Brazil
GQ868547	Brazil
GQ868548	Brazil
GQ868571	Colombia
GQ868572	Colombia
GQ868573	Colombia
GQ868575	Colombia

GQ868574	Colombia
GQ868576	Colombia
GQ868577	Colombia
GQ868578	Colombia
GQ868586	Venezuela
GQ868587	Venezuela
GQ868616	SaintLucia
GQ868617	Trinidad and Tobago
GQ868626	Cambodia
GQ868627	Cambodia
GQ868628	Cambodia
GQ868629	Cambodia
GQ868634	Cambodia
GU131844	Brazil
GU131845	Brazil
GU131846	Brazil
GU131847	Brazil
GU131848	Brazil
GU131849	Brazil
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GU131852	Brazil
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GU131872	Brazil
GU131873	Brazil
GU131874	Brazil

GU131875	Brazil
GU131876	Brazil
GU131877	Brazil
GU131878	Brazil
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GU131908	Cambodia
GU131909	Cambodia
GU131910	Cambodia
GU131911	Cambodia
GU131912	Cambodia
GU131913	Cambodia
GU131914	Cambodia
GU131915	Cambodia
GU131916	Cambodia
GU131917	Cambodia
GU131918	Cambodia
GU131933	Cambodia
GU131934	Cambodia
GU131935	Cambodia
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GU131942	Cambodia
GU131943	Cambodia
GU131944	Cambodia
GU131945	Cambodia
GU131946	Cambodia
GU131950	Colombia
GU131951	Colombia
GU131952	Colombia
GU131953	Colombia
GU131954	Colombia
DQ401689	Bangladesh
DQ401691	Bangladesh
DQ401692	Bangladesh

DQ401693	Bangladesh
DQ675521	Taiwan
DQ675520	Indonesia
DQ675522	Taiwan
DQ675523	Taiwan
DQ675524	Taiwan
DQ675525	Taiwan
DQ675526	Taiwan
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DQ675531	Taiwan
DQ675532	Taiwan
DQ675533	Taiwan
MW288025	Senegal
MW288026	Senegal
FJ205870	USA
FJ205871	USA
KU509278	Barbados
FJ373302	USA
FJ373303	Venezuela
FJ373304	Venezuela
FJ373306	USA
KU509281	India
KU509282	Senegal
KU509283	SriLanka
MW288027	Senegal
KU509284	Thailand
KU509285	Thailand
KU509286	India
MW288028	Senegal
FJ390372	USA
FJ390377	USA
FJ410178	USA
HM181934	Cambodia
HM181935	Cambodia
FJ432728	Vietnam
FJ432731	Vietnam
FJ432741	Vietnam
FJ432743	Vietnam
HM181972	Nicaragua

HM181973	Nicaragua
HM181974	Nicaragua
HM181975	Nicaragua
FJ461322	Vietnam
FJ461337	Vietnam
FJ461338	Vietnam
EU081181	Singapore
EU081183	Singapore
EU081186	Singapore
EU081187	Singapore
EU081188	Singapore
EU081191	Singapore
EU081192	Singapore
EU081196	Singapore
EU081202	Singapore
EU081203	Singapore
EU081207	Singapore
EU081208	Singapore
EU081209	Singapore
EU081211	Singapore
MW288031	Senegal
EU081215	Singapore
EU081219	Singapore
EU081220	Singapore
EU081221	Singapore
EU081199	Singapore
EU081223	Singapore
EU081225	Singapore
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FJ547066	Vietnam
FJ744726	Thailand
FJ547070	USA
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FJ547073	USA
FJ547076	USA
FJ547080	USA
FJ547081	USA
FJ744727	Thailand
FJ547083	USA
JN000936	Nicaragua
FJ562097	Vietnam
FJ562099	Vietnam

JN000938	Nicaragua
FJ562103	Vietnam
MW288033	Senegal
FJ744728	Thailand
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FJ744730	Thailand
FJ744731	Thailand
FJ744732	Thailand
FJ744733	Thailand
FJ744734	Thailand
FJ639713	Cambodia
FJ639714	Cambodia
FJ639715	Cambodia
FJ744735	Thailand
FJ639719	Cambodia
FJ639721	Cambodia
FJ639723	Cambodia
FJ639725	Cambodia
FJ639726	Cambodia
FJ639727	Cambodia
FJ639728	Cambodia
FJ639729	Cambodia
FJ639730	Cambodia
FJ639749	Venezuela
FJ744736	Thailand
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FJ639755	Venezuela
FJ639756	Venezuela
FJ639757	Venezuela
FJ639759	Venezuela
FJ639763	Venezuela
FJ639765	Venezuela
FJ639767	Venezuela
FJ639770	Venezuela
FJ639772	Venezuela
FJ744737	Thailand
FJ639778	Venezuela
FJ639779	Venezuela
FJ639781	Venezuela
FJ639785	Venezuela
MW288035	Senegal
FJ744738	Thailand

KJ737429	Thailand
KJ737430	Thailand
FJ639786	Venezuela
FJ639790	Venezuela
FJ639792	Venezuela
FJ744740	Thailand
FJ639798	Venezuela
FJ639801	Venezuela
FJ639803	Venezuela
FJ639807	Venezuela
FJ639810	Venezuela
FJ744739	Thailand
FJ639816	Venezuela
FJ639817	Venezuela
FJ639825	Venezuela
FJ639826	Venezuela
FJ639827	Venezuela
JN093513	Nicaragua
JN093514	Nicaragua
FJ687448	Thailand
JN183884	Nicaragua
JX669489	Brazil
JX669490	Brazil
JX669491	Brazil
AB189125	Indonesia
JX669493	Brazil
JX669495	Brazil
JX669497	Brazil
JX669498	Brazil
JX669499	Brazil
JX669501	Brazil
JX669502	Brazil
MW288037	Senegal
AB189127	Indonesia
JX669503	Brazil
JX669504	Brazil
JX669505	Brazil
KF921914	Nicaragua
KF921916	Nicaragua
JX669508	Brazil
KF921917	Nicaragua
AB189126	Indonesia

KF921919	Nicaragua
KF921920	Nicaragua
KF921924	Nicaragua
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KF921928	Nicaragua
AB189128	Indonesia
JN406515	Australia
KF954945	China
KF954946	China
KF954949	China
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KF955332	Cambodia
KF955333	Cambodia
MW288038	Senegal
HM631856	Nicaragua
HM631858	Nicaragua
HM631857	Nicaragua
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KF955456	Puerto Rico
KF955457	Vietnam
KF955458	Vietnam
KF955462	Cambodia
KF955465	Puerto Rico
HM631859	Nicaragua
KF955467	Puerto Rico
KF955468	Puerto Rico
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KF955472	Venezuela
KF955473	Brazil
KF955474	Sri Lanka
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KF955479	Venezuela
KF955487	Venezuela
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KF955490	Nicaragua
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KF955505	Grenada
HM631862	Nicaragua
KF955506	Cambodia
KF955508	Cambodia
KF971696	Nicaragua

KF971700	Nicaragua
KF971705	Nicaragua
HM631863	Nicaragua
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KF971711	Nicaragua
KF971695	Nicaragua
HM631864	Nicaragua
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KF973476	Nicaragua
KF973477	Nicaragua
KF973478	Nicaragua
KF973481	Nicaragua
HM631869	Nicaragua
KF973482	Nicaragua
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EU482454	Vietnam
EU482455	Vietnam
EU482457	Vietnam
EU482456	Vietnam
EU482555	USA
EU482563	USA
EU482564	USA
EU482566	USA
EU482596	USA
EU482612	Venezuela
EU482613	Venezuela
GU363549	China
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KJ189257	Peru
KJ189258	Peru
KJ189259	Peru
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KJ189261	Peru
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KJ189264	Peru
KJ189266	Peru
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KJ189270	Peru
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KJ189283	Peru
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KJ189285	Peru
JN662391	China
KJ189287	Peru
KJ189288	Peru
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KJ189294	Peru
KJ189295	Peru
MW288040	Senegal
KJ189297	Peru
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KJ189301	Peru
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EU529685	Venezuela
EU529686	Venezuela
EU529687	Venezuela
EU529690	Venezuela
EU529691	Venezuela
EU529692	USA
EU529696	USA
EU529697	USA
EU529698	USA
EU529702	USA
EU529704	USA
EU529705	USA
EU569688	Venezuela
EU569689	Venezuela
EU596492	USA
EU596493	USA
EU596494	USA
AB214879	Timor Leste

HG316483	Thailand
HG316484	Thailand
AB214880	Timor Leste
AB214882	Timor Leste
EU660408	Vietnam
EU660410	Vietnam
EU660411	Vietnam
AB214881	Timor Leste
EU660420	Venezuela
MW295815	China
GU370052	Singapore
GU370053	Singapore
EU687196	USA
EU687197	USA
EU687198	USA
EU687233	USA
EU687234	USA
EU687239	USA
JQ045690	Vietnam
JQ045691	Vietnam
JQ045692	Vietnam
JQ045693	Vietnam
JQ045694	Vietnam
JQ045695	Vietnam
AY496871	Bangladesh
AY496873	Bangladesh
EU726769	USA
EU726773	USA
EU726774	USA
EU781136	USA
AY496874	Bangladesh
EU781137	USA
AY496877	Bangladesh
EU854292	Venezuela
EU854291	Venezuela
EU854298	USA
EU932687	Venezuela
EU932688	Venezuela
MW308179	Mexico
AY099336	Sri Lanka
AY099337	Martinique
JQ922556	India

JQ922557	India
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KJ622192	China
KJ622193	China
KJ622194	China
MW308180	Mexico
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FJ024465	USA
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FJ024471	USA
FJ177308	Brazil
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FJ182005	USA
FJ182006	USA
FJ182007	USA
FJ182008	USA
FJ182009	USA
FJ182010	USA
FJ182011	USA
FJ182013	USA
FJ182015	Venezuela
FJ182037	USA
FJ182038	USA
FJ182039	USA
FJ182040	USA
FJ182041	USA
MW308181	Mexico
MF004386	Malaysia
MF142763	Thailand
LC379193	Gabon
LC379194	Gabon
LC379195	Gabon
LC379196	Gabon

HM756274	Nicaragua
LC379197	Gabon
NC_001475	Sri Lanka
HM756275	Nicaragua
HM756276	Nicaragua
HM756277	Nicaragua
HM756278	Nicaragua
HM756279	Nicaragua
HM756280	Nicaragua
LC410192	Thailand
LC410193	Thailand
LC410194	Thailand
LC410195	Thailand
HM756281	Nicaragua
HM756282	Nicaragua
LC436676	Bangladesh
LC436677	Bangladesh
FJ810413	Thailand
FJ810414	Thailand
FJ810416	Venezuela
FJ850048	Nicaragua
FJ850049	Nicaragua
FJ850052	Nicaragua
FJ850055	USA
FJ850056	USA
FJ850079	Brazil
MN922033	China
MN922034	China
FJ850080	Brazil
MN922035	China
MN922036	China
MN922039	China
MN922040	China
MN922041	China
FJ850083	Brazil
FJ850086	Brazil
FJ850089	Brazil
FJ850092	Brazil
MN964273	China
FJ850094	Brazil
MN964274	China
MT006152	Sri Lanka

MT006169	Sri Lanka
MH544647	Colombia
MH544649	Colombia
MH544650	Colombia
MH544651	Colombia
FJ850096	Venezuela
KU509280	Thailand
FJ850097	Venezuela
FJ850098	Venezuela
MK858148	India
MK858149	India
MK858150	India
MK858151	India
MK858152	India
MK858153	India
MK858154	India
MK858155	India
MK894338	China
MK894339	China
MK894340	China
MK894341	China
MF370226	China
MT261972	Burkina Faso
MT261973	Burkina Faso
MT261974	Burkina Faso
MT261975	Burkina Faso
MT261976	Burkina Faso
MT261977	Burkina Faso
MT261978	Burkina Faso
MT261979	Burkina Faso
MN018367	China
MN018368	China
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MN018370	China
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MN018372	China
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MN018386	China
MN018387	China
MN018388	China
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MF682972	China
MF682973	China
MF682974	China
MF682975	China
FJ850111	Venezuela
KF041255	Pakistan
MN083245	Sri Lanka
MN083246	Sri Lanka
KF041254	Pakistan
KF041256	Pakistan
MK005258	Malaysia
KF041257	Pakistan
LT898451	Malaysia
LT898452	Malaysia
KF041258	Pakistan
KF041259	Pakistan
HQ166030	Nicaragua
HQ166031	Nicaragua
HQ166032	Nicaragua
KY670634	Taiwan
HQ166033	Nicaragua
HQ166034	Nicaragua
MT921575	Australia
MH822957	India
MH823209	Indonesia
KY794786	Papua New Guinea

KY794787	Papua New Guinea
KY794788	Papua New Guinea
KY794789	Papua New Guinea
KY794790	Papua New Guinea
KR296743	China
KR296744	China
FJ873812	Nicaragua
FJ873813	Nicaragua
FJ882571	Sri Lanka
FJ882573	Sri Lanka
KY849761	Laos
KY849769	Laos
KY849770	Laos
KY849771	Laos
KY849772	Laos
KY849773	Laos
KY849774	Laos
KY849775	Laos
FJ882575	Mozambique
FJ882576	Nicaragua
FJ882577	Venezuela
FJ882578	Venezuela
KX380839	Singapore
KX380840	Singapore
KX380841	Singapore
KX380842	Singapore
MH888332	Thailand
KY863456	Indonesia
MH888333	Bolivia
MH891766	India
KY921906	Singapore
KY921907	Singapore
KT424097	Thailand
MN227697	China
MN227698	China
MN227699	China
MN227700	China
MN227701	China
MN227702	China
MN227703	China
HQ235027	Paraguay
FJ898440	Mexico

LT996904	Malaysia
LT996905	Malaysia
LT996906	Malaysia
LT996907	Malaysia
LT996908	Malaysia
LT996909	Malaysia
LT996910	Malaysia
LT996911	Malaysia
LT996912	Malaysia
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MN253124	India
MN253125	India
MN253126	India
FJ898442	Mexico
MN253127	India
MN253128	India
MN253129	India
MN253130	India
MN253131	India
MN253132	India
MN253133	India
FJ898443	Colombia
FJ898444	Colombia
FJ898445	Colombia
FJ898446	Brazil
FJ898447	Brazil
FJ898457	Ecuador
KT726340	Cuba
KT726341	Cuba
FJ898458	Peru
KT726342	Cuba
KT726343	Cuba
KT726344	Cuba
KT726345	Cuba
KT726346	Cuba
KT726347	Cuba
KT726348	Cuba
KT726349	Cuba
KT726350	Cuba
KT726351	Cuba
FJ898459	Trinidad and Tobago
KT726352	Cuba

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KT726357	Cuba
KT726358	Cuba
KT726359	Cuba
KT726360	Cuba
KT726361	Cuba
FJ898462	Anguilla
FJ898463	Saint Lucia
FJ898464	Guyana
KX855927	India
FJ898468	Venezuela
FJ898469	Venezuela
FJ898470	Venezuela
FJ898471	Venezuela
FJ898472	Venezuela
MH048677	Malaysia
FJ898473	Venezuela
MH051731	Malaysia
MH051732	Malaysia
MH051733	Malaysia
FJ898474	Venezuela
MN448930	Thailand
MN448931	Thailand
MN448932	Thailand
MN448933	Thailand
MN448934	Thailand
MN448935	Thailand
MN448936	Thailand
MN448937	Thailand
MN448938	Thailand
MN448939	Thailand
FJ898475	Nicaragua
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MN448941	Thailand
MN448942	Thailand
MN448943	Thailand
MN448944	Thailand
MN448945	Thailand
MN448946	Thailand

MN448947	Thailand
MN448948	Thailand
MN448949	Thailand
FJ898476	Nicaragua
MN448950	Thailand
MN448951	Thailand
MN448952	Thailand
MN448953	Thailand
MN448954	Thailand
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MN448962	Thailand
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MN448964	Thailand
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MN448968	Thailand
MN448969	Thailand
HQ332170	Venezuela
MN448970	Thailand
MN448971	Thailand
MN448972	Thailand
MN448973	Thailand
MN448974	Thailand
MN448975	Thailand
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MN448978	Thailand
HQ332171	Venezuela
MN448979	Thailand
MN448980	Thailand
MN448981	Thailand
MN448982	Thailand
MN448983	Thailand
MN448984	Thailand

MN448985	Thailand
MN448986	Thailand
MN448987	Thailand
MN448988	Thailand
MN448989	Thailand
MN448990	Thailand
MN448991	Thailand
MN448992	Thailand
MN448993	Thailand
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HQ541795	Nicaragua
HQ541796	Nicaragua
HQ541797	Nicaragua
HQ541802	Nicaragua
HQ541803	Nicaragua
HQ541804	Nicaragua
HQ541806	Nicaragua
KF973486	Nicaragua
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KF973483	Nicaragua
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JX669500	Brazil
JX669496	Brazil
JX669494	Brazil
JX669492	Brazil
KF954948	China
JN406514	Australia
KF954947	China
KJ830751	Saudi Arabia

KJ189300	Peru
KJ189296	Peru
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