

S2 Table. Dengue virus sequences used in present study.

Dataset	Serotype	Genotype	Accession number	Country	Year	
Genotype classification	DENV-1		AF350498	China	1980	
	DENV-1	I	AB074760	Japan	1943	
	DENV-1	I	AY732483	Thailand	1981	
	DENV-1	I	AY732481	Thailand	1982	
	DENV-1	I	AY732477	Thailand	1991	
	DENV-1	I	AY732475	Thailand	1994	
	DENV-1	I	AY732479	Thailand	2001	
	DENV-1	I	AY732482	Thailand	2001	
	DENV-1	I	AY732480	Thailand	2004	
	DENV-1	I	HG316481	Thailand	2010	
	DENV-1	I	KF887994	Thailand	2013	
	DENV-1	I	KX595191	Viet Nam	2013	
	DENV-1	II	AF180517	Thailand	1964	
	DENV-1	III	EF457905	Malaysia	1972	
	DENV-1	IV	KT827366	China	2007	
	DENV-1	IV	DQ672560	French Polynesia	2001	
	DENV-1	IV	AB189120	Indonesia	1998	
	DENV-1	IV	KC762651	Indonesia	2007	
	DENV-1	IV	GQ868602	Philippines	2004	
	DENV-1	IV	DQ285560	Reunion	2004	
	DENV-1	V	AF514889	Argentina	2000	
	DENV-1	V	AF226685	Brazil	1990	
	DENV-1	V	KF289072	India	2011	
	DENV-1	V	AY722803	Myanmar	1998	
	DENV-1	V	AY732474	Thailand	1980	
	DENV-1	V	AY732478	Thailand	1980	
	DENV-1	VI	KR919820	Brunei	2014	
	DENV-2	American		AF119661	China	1985
	DENV-2	American		GQ868592	Colombia	1986
	DENV-2	American		HM582099	Fiji	1971
	DENV-2	American		HQ999999	Guatemala	2009
	DENV-2	American		KC294223	Peru	2010
	DENV-2	Asian-I		FJ639104	Cambodia	2003
	DENV-2	Asian-I		GU131932	Cambodia	2008
	DENV-2	Asian-I		NC001474	Thailand	1964
	DENV-2	Asian-I		GQ868542	Thailand	1994
	DENV-2	Asian-I		DQ181798	Thailand	1999
	DENV-2	Asian-I		FJ898452	Thailand	2003
	DENV-2	Asian-I		KY586563	Thailand	2006
	DENV-2	Asian-I		EU482784	Viet Nam	2003
	DENV-2	Asian-I		JF730049	Viet Nam	2007
	DENV-2	Asian-II		AF204177	China	1989
	DENV-2	Asian-II		AF204178	China	1987
	DENV-2	Asian-II		GQ398268	Indonesia	1975
	DENV-2	Asian-II		AF038403	New Guinea	1944
DENV-2	Asian-II		HQ891024	Taiwan	2008	
DENV-2	Asian-II		JF730050	USA	2007	
DENV-2	Cosmopolitan		AY037116	Australia	1993	
DENV-2	Cosmopolitan		EU179857	Brunei	2005	
DENV-2	Cosmopolitan		EU056810	Burkina Faso	1983	
DENV-2	Cosmopolitan		AF359579	China	1999	
DENV-2	Cosmopolitan		AF276619	China	2000	
DENV-2	Cosmopolitan		F1196953	China	2003	
DENV-2	Cosmopolitan		HM488257	Guam	2001	
DENV-2	Cosmopolitan		JQ955624	India	2011	
DENV-2	Cosmopolitan		JX475906	India	2009	
DENV-2	Cosmopolitan		GQ398258	Indonesia	1975	
DENV-2	Cosmopolitan		GQ398259	Indonesia	1976	
DENV-2	Cosmopolitan		GQ398260	Indonesia	1978	
DENV-2	Cosmopolitan		AB189122	Indonesia	1998	
DENV-2	Cosmopolitan		AY858035	Indonesia	2004	
DENV-2	Cosmopolitan		KJ010186	Pakistan	2013	
DENV-2	Cosmopolitan		EU081177	Singapore	2005	
DENV-2	Cosmopolitan		JF327392	Singapore	2009	
DENV-2	Cosmopolitan		FJ862602	Sri Lanka	1996	
DENV-2	Cosmopolitan		GQ252877	Sri Lanka	2004	
DENV-2	Cosmopolitan		DQ645546	Taiwan	2002	
DENV-2	Cosmopolitan		EU482672	Viet Nam	2006	
DENV-3	I		JN406515	Australia	2008	
DENV-3	I		JQ920480	French Polynesia	1996	
DENV-3	I		KC762686	Indonesia	2007	
DENV-3	I		JQ820485	New Caledonia	1998	
DENV-3	I		KU509279	Philippines	2008	
DENV-3	I		EU081223	Singapore	2005	
DENV-3	I		KX380839	Singapore	2012	
DENV-3	II		KC261634	China	2012	
DENV-3	II		GQ868593	Thailand	1973	
DENV-3	II		KU509280	Thailand	2011	
DENV-3	III		JX869490	Brazil	2002	
DENV-3	III		FJ882576	Nicaragua	1994	
DENV-3	III		KX380842	Singapore	2013	
DENV-3	III		GQ199887	Sri Lanka	1983	
DENV-3	III		NC_001475	Sri Lanka	2000	
DENV-3	III		DQ675531	Taiwan	1998	
DENV-3	III		FJ687448	Thailand	2001	
DENV-3	III		MF142763	Thailand	2015	
DENV-3	III		KF955460	Viet Nam	2008	
DENV-3	IV		L11433	Puerto Rico	1963	
DENV-3	IV		L11434	Puerto Rico	1977	
DENV-3	IV		L11439	Tahiti	1965	
DENV-3	V		EF829370	Brazil	2002	
DENV-3	V		JN697378	Brazil	2006	
DENV-3	V		AF317845	China	1980	
DENV-3	V		KM190937	Philippines	1964	
DENV-3	V		KU050695	Philippines	1956	
DENV-3	V		JQ922554	USA	1963	
DENV-4	I		JN638570	Cambodia	2008	
DENV-4	I		FJ196850	China	1990	
DENV-4	I		KU509287	India	2009	
DENV-4	I		KX845005	India	2015	
DENV-4	I		KF041260	Pakistan	2009	
DENV-4	I		KR011349	Philippines	1956	
DENV-4	I		KP792537	Singapore	2011	
DENV-4	I		AY618991	Thailand	1977	
DENV-4	I		AY618990	Thailand	1991	
DENV-4	I		AY618992	Thailand	2001	
DENV-4	I		KR922405	Thailand	2011	
DENV-4	IIA		JQ915083	French Polynesia	2007	
DENV-4	IIA		KC762694	Indonesia	2007	
DENV-4	IIA		KU523871	Philippines	2014	
DENV-4	IIA		AY618993	Thailand	2000	
DENV-4	IIIB		KP188566	Brazil	2013	
DENV-4	IIIB		GQ868585	Colombia	2005	
DENV-4	IIIB		AF326573	Dominican	1981	
DENV-4	IIIB		JF262782	Haiti	1994	
DENV-4	IIIB		FJ850059	Puerto Rico	1998	
DENV-4	IIIB		FJ639773	Venezuela	2001	
DENV-4	IIIB		HQ332176	Venezuela	2007	
DENV-4	III		AY618989	Thailand	1997	
DENV-4	III		AY618988	Thailand	1997	
DENV-4	III		KY586945	Thailand	1998	
DENV-4	III		KY586946	Thailand	1998	

DENV-2 Thailand	DENV-2	Asian-I	NC001474	Thailand	1964
	DENV-2	Asian-I	DQ181816	Thailand	1974
	DENV-2	Asian-I	GU28914	Thailand	1974
	DENV-2	Asian-I	DQ181814	Thailand	1976
	DENV-2	Asian-I	DQ181815	Thailand	1976
	DENV-2	Asian-I	DQ181812	Thailand	1977
	DENV-2	Asian-I	DQ181813	Thailand	1977
	DENV-2	Asian-I	DQ181810	Thailand	1978
	DENV-2	Asian-I	DQ181811	Thailand	1978
	DENV-2	Asian-I	DQ181805	Thailand	1979
	DENV-2	Asian-I	DQ181808	Thailand	1979
	DENV-2	Asian-I	DQ181826	Thailand	1980
	DENV-2	Asian-I	DQ181827	Thailand	1980
	DENV-2	Asian-I	DQ181828	Thailand	1980
	DENV-2	Asian-I	DQ181823	Thailand	1981
	DENV-2	Asian-I	DQ181824	Thailand	1981
	DENV-2	Asian-I	DQ181819	Thailand	1982
	DENV-2	Asian-I	DQ181822	Thailand	1982
	DENV-2	Asian-I	DQ181837	Thailand	1983
	DENV-2	Asian-I	DQ181838	Thailand	1983
	DENV-2	Asian-I	DQ181804	Thailand	1984
	DENV-2	Asian-I	DQ181834	Thailand	1984
	DENV-2	Asian-I	DQ181835	Thailand	1984
	DENV-2	Asian-I	DQ181803	Thailand	1985
	DENV-2	Asian-I	DQ181832	Thailand	1985
	DENV-2	Asian-I	DQ181833	Thailand	1985
	DENV-2	Asian-I	DQ181830	Thailand	1986
	DENV-2	Asian-I	DQ181831	Thailand	1986
	DENV-2	Asian-I	DQ181829	Thailand	1987
	DENV-2	Asian-I	DQ181848	Thailand	1987
	DENV-2	Asian-I	DQ181802	Thailand	1988
	DENV-2	Asian-I	DQ181847	Thailand	1988
	DENV-2	Asian-I	DQ181845	Thailand	1990
	DENV-2	Asian-I	DQ181887	Thailand	1990
	DENV-2	Asian-I	DQ181839	Thailand	1991
	DENV-2	Asian-I	DQ181840	Thailand	1991
	DENV-2	Asian-I	DQ181859	Thailand	1992
	DENV-2	Asian-I	DQ181855	Thailand	1993
	DENV-2	Asian-I	DQ181884	Thailand	1993
	DENV-2	Asian-I	DQ181851	Thailand	1994
	DENV-2	Asian-I	DQ181882	Thailand	1994
	DENV-2	Asian-I	CG686542	Thailand	1994
	DENV-2	Asian-I	DQ181800	Thailand	1995
	DENV-2	Asian-I	DQ181849	Thailand	1995
	DENV-2	Asian-I	DQ181881	Thailand	1995
	DENV-2	Asian-I	DQ181866	Thailand	1996
	DENV-2	Asian-I	DQ181879	Thailand	1996
	DENV-2	Asian-I	CG686545	Thailand	1996
	DENV-2	Asian-I	DQ181862	Thailand	1997
	DENV-2	Asian-I	DQ181899	Thailand	1997
	DENV-2	Asian-I	DQ181799	Thailand	1998
	DENV-2	Asian-I	DQ181860	Thailand	1998
	DENV-2	Asian-I	DQ181897	Thailand	1998
	DENV-2	Asian-I	DQ181798	Thailand	1999
	DENV-2	Asian-I	DQ181877	Thailand	1999
	DENV-2	Asian-I	DQ181895	Thailand	1999
	DENV-2	Asian-I	DQ181873	Thailand	2000
	DENV-2	Asian-I	DQ181894	Thailand	2000
	DENV-2	Asian-I	KY586654	Thailand	2000
	DENV-2	Asian-I	DQ181871	Thailand	2001
	DENV-2	Asian-I	EU117323	Thailand	2001
	DENV-2	Asian-I	EU117336	Thailand	2001
	DENV-2	Asian-I	EU117341	Thailand	2001
	DENV-2	Asian-I	EU117351	Thailand	2001
	DENV-2	Asian-I	KY586555	Thailand	2002
	DENV-2	Asian-I	KY586604	Thailand	2002
	DENV-2	Asian-I	KY586606	Thailand	2002
	DENV-2	Asian-I	KY586678	Thailand	2002
	DENV-2	Asian-I	JF898452	Thailand	2003
	DENV-2	Asian-I	JF812102	Thailand	2003
	DENV-2	Asian-I	KY586547	Thailand	2003
	DENV-2	Asian-I	KY586562	Thailand	2003
	DENV-2	Asian-I	KY586615	Thailand	2003
	DENV-2	Asian-I	JQ993218	Thailand	2004
	DENV-2	Asian-I	JQ993223	Thailand	2004
	DENV-2	Asian-I	KY586598	Thailand	2004
	DENV-2	Asian-I	KY586605	Thailand	2004
	DENV-2	Asian-I	KY586612	Thailand	2004
	DENV-2	Asian-I	JQ993217	Thailand	2005
	DENV-2	Asian-I	JQ993226	Thailand	2005
	DENV-2	Asian-I	KY586566	Thailand	2005
	DENV-2	Asian-I	KY586590	Thailand	2005
	DENV-2	Asian-I	KY586563	Thailand	2006
	DENV-2	Asian-I	KY586565	Thailand	2006
	DENV-2	Asian-I	KY586575	Thailand	2006
	DENV-2	Asian-I	JN568273	Thailand	2007
	DENV-2	Asian-I	KY586596	Thailand	2007
	DENV-2	Asian-I	KY586567	Thailand	2008
	DENV-2	Asian-I	KY586562	Thailand	2008
	DENV-2	Asian-I	JF967990	Thailand	2009
	DENV-2	Asian-I	KY586597	Thailand	2009
	DENV-2	Asian-I	JF968033	Thailand	2010
	DENV-2	Asian-I	JF968045	Thailand	2010
	DENV-2	Asian-I	JN568245	Thailand	2010
	DENV-2	Asian-I	KY586625	Thailand	2010
	DENV-2	Asian-I	KF729020	Thailand	2011
	DENV-2	Asian-I	KF729021	Thailand	2011
	DENV-2	Asian-I	KF729022	Thailand	2011
	DENV-2	Asian-I	KU509273	Thailand	2011
	DENV-2	Asian-I	KY851468	Thailand	2012
	DENV-2	Asian-I	KY851478	Thailand	2012
	DENV-2	Asian-I	KY851496	Thailand	2012
	DENV-2	Asian-I	KT781555	Thailand	2013
	DENV-2	Asian-I	KY851466	Thailand	2013
	DENV-2	Asian-I	KY851469	Thailand	2013
	DENV-2	Asian-I	KY851502	Thailand	2013
	DENV-2	Asian-I	KY882539	Thailand	2013
	DENV-2	Asian-I	KT175135	Thailand	2014
	DENV-2	Asian-I	KY147335	Thailand	2014
	DENV-2	Cosmopolitan	AF410377	Thailand	1998
	DENV-2	Cosmopolitan	KT781537	Thailand	2012
	DENV-2	Cosmopolitan	KT781538	Thailand	2012
	DENV-2	Cosmopolitan	KJ545481	Thailand	2013
	DENV-2	Cosmopolitan	KT781572	Thailand	2014
	DENV-2	Cosmopolitan	KT806317	Thailand	2014
	DENV-2	Cosmopolitan	KY495805	Thailand	2016

DENV-2 Asian-I	DENV-2	Asian-I	NC001474	Thailand	1964
	DENV-2	Asian-I	GU289914	Thailand	1974
	DENV-2	Asian-I	DQ181805	Thailand	1979
	DENV-2	Asian-I	DQ181804	Thailand	1984
	DENV-2	Asian-I	DQ181803	Thailand	1985
	DENV-2	Asian-I	DQ181802	Thailand	1988
	DENV-2	Asian-I	GQ868542	Thailand	1994
	DENV-2	Asian-I	DQ181800	Thailand	1995
	DENV-2	Asian-I	GQ868545	Thailand	1996
	DENV-2	Asian-I	DQ181799	Thailand	1998
	DENV-2	Asian-I	DQ181798	Thailand	1998
	DENV-2	Asian-I	KY586654	Thailand	2000
	DENV-2	Asian-I	DQ181797	Thailand	2001
	DENV-2	Asian-I	KY586606	Thailand	2002
	DENV-2	Asian-I	FJ898452	Thailand	2003
	DENV-2	Asian-I	KY586605	Thailand	2004
	DENV-2	Asian-I	KY586563	Thailand	2006
	DENV-2	Asian-I	JN568273	Thailand	2007
	DENV-2	Asian-I	JF967990	Thailand	2009
	DENV-2	Asian-I	JF968045	Thailand	2010
	DENV-2	Asian-I	KU509273	Thailand	2011
	DENV-2	Asian-I	KY851467	Thailand	2012
	DENV-2	Asian-I	KY822539	Thailand	2013
	DENV-2	Asian-I	KJ806920	Malaysia	2013
	DENV-2	Asian-I	KJ806930	Malaysia	2014
	DENV-2	Asian-I	KX224266	Singapore	2014
	DENV-2	Asian-I	JN568261	Australia	2002
	DENV-2	Asian-I	JN568249	Australia	2003
	DENV-2	Asian-I	JN568246	Australia	2010
	DENV-2	Asian-I	KT781555	Australia	2013
	DENV-2	Asian-I	JQ815199	China	2009
	DENV-2	Asian-I	KF060920	China	2012
	DENV-2	Asian-I	MF459663	China	2013
	DENV-2	Asian-I	KP064517	China	2014
	DENV-2	Asian-I	KY849752	Laos	2008
	DENV-2	Asian-I	KY849757	Laos	2009
	DENV-2	Asian-I	KY849763	Laos	2010
	DENV-2	Asian-I	KY849768	Laos	2010
	DENV-2	Asian-I	LC147056	Laos	2013
	DENV-2	Asian-I	JF730044	Cambodia	2001
	DENV-2	Asian-I	KF921930	Cambodia	2002
	DENV-2	Asian-I	GQ868622	Cambodia	2003
	DENV-2	Asian-I	FJ839706	Cambodia	2004
	DENV-2	Asian-I	GQ868623	Cambodia	2005
	DENV-2	Asian-I	GU131927	Cambodia	2007
	DENV-2	Asian-I	GU131932	Cambodia	2008
	DENV-2	Asian-I	JF967986	Cambodia	2009
	DENV-2	Asian-I	KY495819	Cambodia	2015
	DENV-2	Asian-I	JF968026	Myanmar	2010
	DENV-2	Asian-I	KR051905	Myanmar	2013
DENV-2	Asian-I	KT175136	Myanmar	2014	
DENV-2	Asian-I	KX357990	Myanmar	2015	
DENV-2	Asian-I	EU482782	Viet Nam	2003	
DENV-2	Asian-I	EU482774	Viet Nam	2004	
DENV-2	Asian-I	EU482777	Viet Nam	2005	
DENV-2	Asian-I	EU482485	Viet Nam	2006	
DENV-2	Asian-I	FJ205879	Viet Nam	2007	
DENV-2	Asian-I	FJ461309	Viet Nam	2008	
DENV-2	Asian-I	GU908495	Viet Nam	2009	
DENV-2	Asian-I	JN376793	Viet Nam	2010	
DENV-2	Asian-I	KY851484	Viet Nam	2011	
DENV-2	Asian-I	KY851491	Viet Nam	2012	
DENV-2	Asian-I	KT781567	Viet Nam	2014	
DENV-2	Asian-I	KY851494	Viet Nam	2013	

DENV-2 Cosmopolitan	DENV-2	Cosmopolitan	JN568248	Australia	2003
	DENV-2	Cosmopolitan	JN568252	Australia	2008
	DENV-2	Cosmopolitan	JN568251	Australia	2006
	DENV-2	Cosmopolitan	JN568250	Australia	2004
	DENV-2	Cosmopolitan	JN568278	Australia	2003
	DENV-2	Cosmopolitan	KY495804.1	Australia	2016
	DENV-2	Cosmopolitan	JN036372	Bangladesh	2009
	DENV-2	Cosmopolitan	JN036379	Bangladesh	2005
	DENV-2	Cosmopolitan	JN036378	Bangladesh	2007
	DENV-2	Cosmopolitan	JN036377	Bangladesh	2008
	DENV-2	Cosmopolitan	JN036380	Bangladesh	2006
	DENV-2	Cosmopolitan	KT781532	Bangladesh	2011
	DENV-2	Cosmopolitan	EU056810	Burkina Faso	1983
	DENV-2	Cosmopolitan	KY627762	Burkina Faso	2016
	DENV-2	Cosmopolitan	KP191525	China	2014
	DENV-2	Cosmopolitan	KU550338	China	2015
	DENV-2	Cosmopolitan	KC964093	China	2001
	DENV-2	Cosmopolitan	KC964094	China	1993
	DENV-2	Cosmopolitan	JQ277886	China	2005
	DENV-2	Cosmopolitan	KT751353	China	2015
	DENV-2	Cosmopolitan	JX470186	China	2010
	DENV-2	Cosmopolitan	FJ158608	China	2007
	DENV-2	Cosmopolitan	KF069919	China	2012
	DENV-2	Cosmopolitan	KJ807797	China	2013
	DENV-2	Cosmopolitan	KX621247	China	2015
	DENV-2	Cosmopolitan	LC310791.1	Cote d'Ivoire	2017
	DENV-2	Cosmopolitan	JN568255	East Timor	2002
	DENV-2	Cosmopolitan	JN568254	East Timor	2000
	DENV-2	Cosmopolitan	KY275222	East Timor	2001
	DENV-2	Cosmopolitan	KY495815	East Timor	2003
	DENV-2	Cosmopolitan	JQ650022	French Polynesia	1996
	DENV-2	Cosmopolitan	JQ650026	French Polynesia	1997
	DENV-2	Cosmopolitan	JQ650027	French Polynesia	1998
	DENV-2	Cosmopolitan	KY782125	French Polynesia	2017
	DENV-2	Cosmopolitan	FJ538922	India	1983
	DENV-2	Cosmopolitan	FJ538923	India	1991
	DENV-2	Cosmopolitan	FJ538913	India	1997
	DENV-2	Cosmopolitan	FJ538911	India	1993
	DENV-2	Cosmopolitan	FJ538912	India	1995
	DENV-2	Cosmopolitan	FJ538924	India	1990
	DENV-2	Cosmopolitan	FJ538925	India	1992
	DENV-2	Cosmopolitan	KX061431	India	2015
	DENV-2	Cosmopolitan	DQ448236	India	2000
	DENV-2	Cosmopolitan	KJ545475	India	2013
	DENV-2	Cosmopolitan	JF967992	India	2009
	DENV-2	Cosmopolitan	JQ955624	India	2011
	DENV-2	Cosmopolitan	KU509271	India	2006
	DENV-2	Cosmopolitan	KY495802	India	2016
	DENV-2	Cosmopolitan	JN568260	India	2003
	DENV-2	Cosmopolitan	FJ538905	India	2004
	DENV-2	Cosmopolitan	FJ807633	India	2005
	DENV-2	Cosmopolitan	KY427084	India	2010
	DENV-2	Cosmopolitan	KT781565	India	2014
	DENV-2	Cosmopolitan	GQ398261	Indonesia	1976
	DENV-2	Cosmopolitan	GQ398260	Indonesia	1976
	DENV-2	Cosmopolitan	GQ398258	Indonesia	1975
	DENV-2	Cosmopolitan	GQ398259	Indonesia	1976
	DENV-2	Cosmopolitan	GQ398262	Indonesia	1976
	DENV-2	Cosmopolitan	LC027875	Indonesia	2012
	DENV-2	Cosmopolitan	JN568242	Indonesia	2009
	DENV-2	Cosmopolitan	KT012506	Indonesia	2011
	DENV-2	Cosmopolitan	GQ398263	Indonesia	1975
	DENV-2	Cosmopolitan	GQ398264	Indonesia	1975
	DENV-2	Cosmopolitan	KC762678	Indonesia	2010
	DENV-2	Cosmopolitan	JF967954	Indonesia	2008
	DENV-2	Cosmopolitan	KC762672	Indonesia	2008
	DENV-2	Cosmopolitan	KM216709	Indonesia	2011
	DENV-2	Cosmopolitan	KC762668	Indonesia	2008
	DENV-2	Cosmopolitan	KC762669	Indonesia	2007
	DENV-2	Cosmopolitan	KJ184318	Indonesia	2013
	DENV-2	Cosmopolitan	KT175123	Indonesia	2014
	DENV-2	Cosmopolitan	KU529751	Indonesia	2015
	DENV-2	Cosmopolitan	MG779194	Kenya	2017
	DENV-2	Cosmopolitan	KT176076	Kenya	2013
	DENV-2	Cosmopolitan	KJ806818	Malaysia	2013
	DENV-2	Cosmopolitan	JF968028	Malaysia	2010
	DENV-2	Cosmopolitan	KJ806776	Malaysia	2013
	DENV-2	Cosmopolitan	KX452026	Malaysia	2014
	DENV-2	Cosmopolitan	KJ806878	Malaysia	2012
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	DENV-2	Cosmopolitan	KJ806774	Malaysia	2007
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	DENV-2	Cosmopolitan	JQ650032	New Caledonia	1997
	DENV-2	Cosmopolitan	JQ650036	New Caledonia	1998
	DENV-2	Cosmopolitan	JQ650038	New Caledonia	1999
	DENV-2	Cosmopolitan	KF041236	Pakistan	2008
	DENV-2	Cosmopolitan	KF041235	Pakistan	2009
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	DENV-2	Cosmopolitan	KM217157	Pakistan	2011
	DENV-2	Cosmopolitan	KJ010186	Pakistan	2013
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	DENV-2	Cosmopolitan	KY794785	Papua New Guinea	2010
	DENV-2	Cosmopolitan	KU517845	Papua New Guinea	2013
	DENV-2	Cosmopolitan	JN568263	Philippines	2003
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	DENV-2	Cosmopolitan	KJ946239	Philippines	2008
	DENV-2	Cosmopolitan	KF744398	Philippines	2005
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	DENV-2	Cosmopolitan	KU517847	Philippines	2015
	DENV-2	Cosmopolitan	KY851414	Philippines	2012
	DENV-2	Cosmopolitan	KY851425	Philippines	2013
	DENV-2	Cosmopolitan	AB194884	Philippines	2004
	DENV-2	Cosmopolitan	LC416035.1	Saudi Arabia	2018
	DENV-2	Cosmopolitan	MF314189	Singapore	2016
	DENV-2	Cosmopolitan	GQ357716	Singapore	2007
	DENV-2	Cosmopolitan	GQ357761	Singapore	2008
	DENV-2	Cosmopolitan	JN380817	Singapore	2009
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	DENV-2	Cosmopolitan	KC848581	Somalia	2011
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	DENV-2	Cosmopolitan	KY971723	Viet Nam	2015
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DENV-3 Thailand						
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