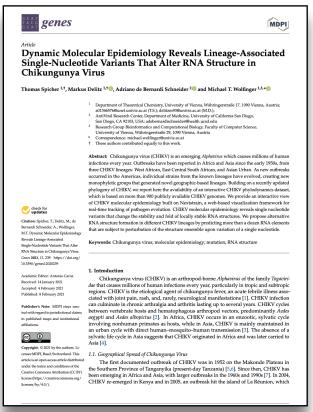
## Lineage-specific RNA structure in Chikungunya virus

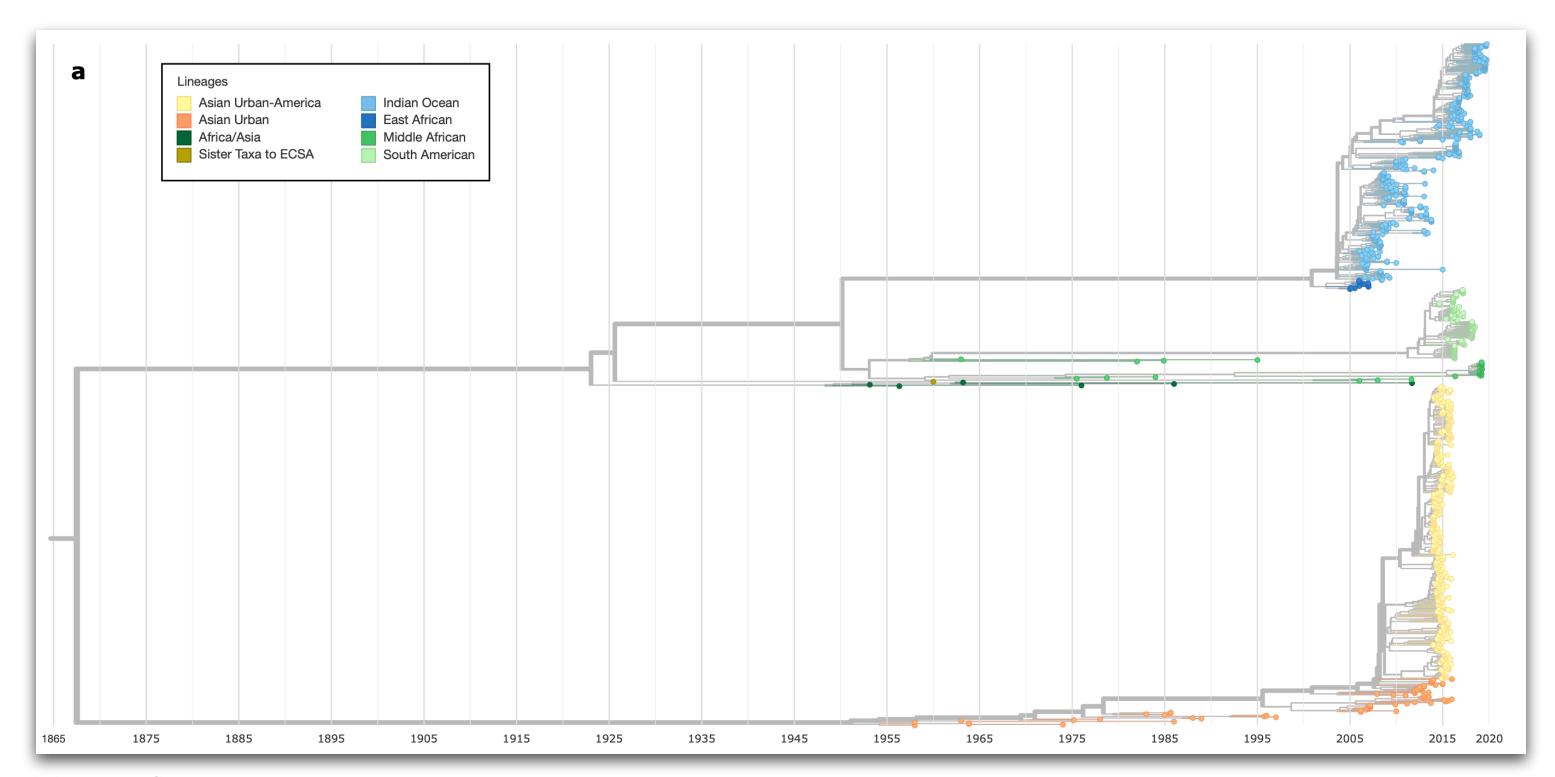
Thomas Spicher, Markus Delitz, Adriano de Bernardi Schneider, Michael T. Wolfinger

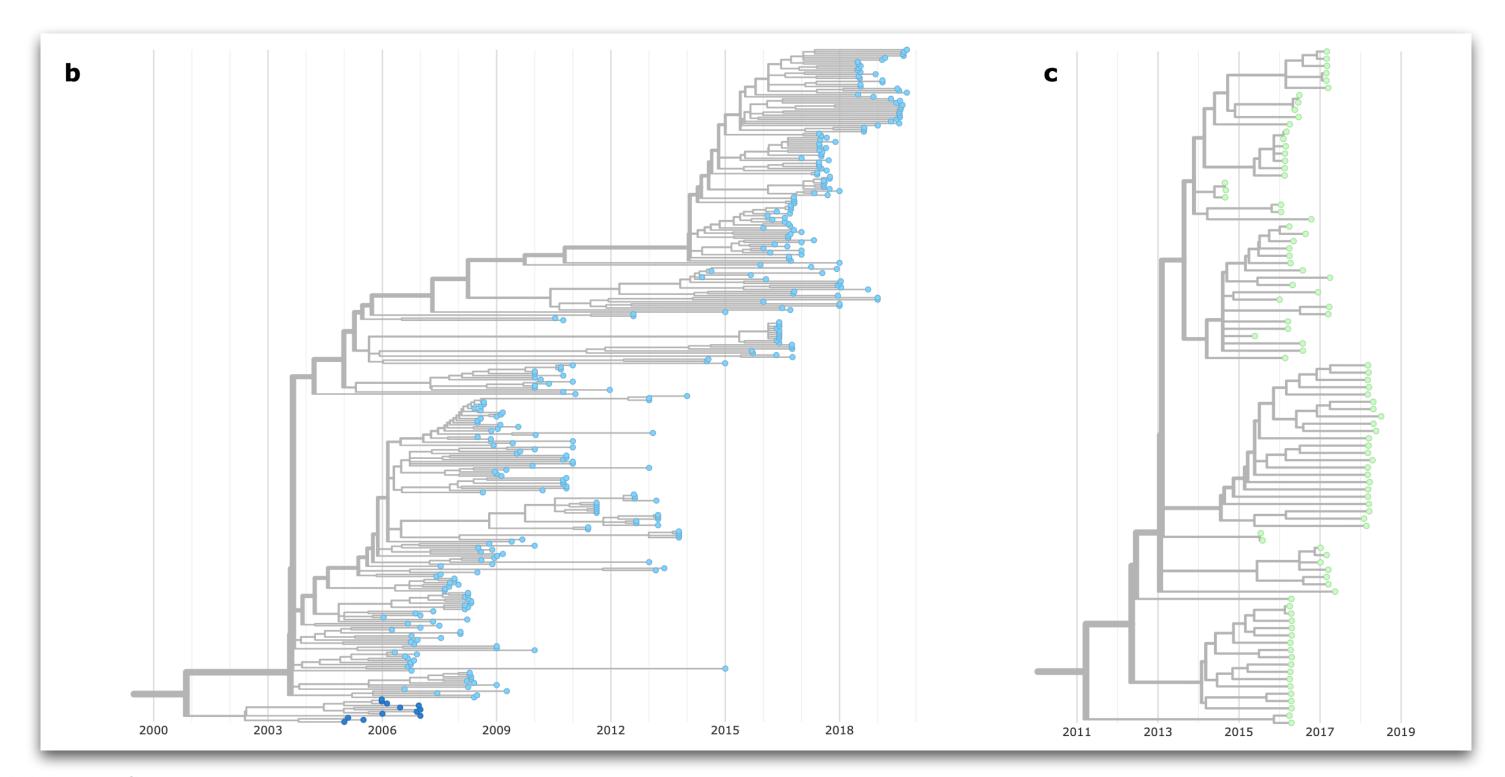
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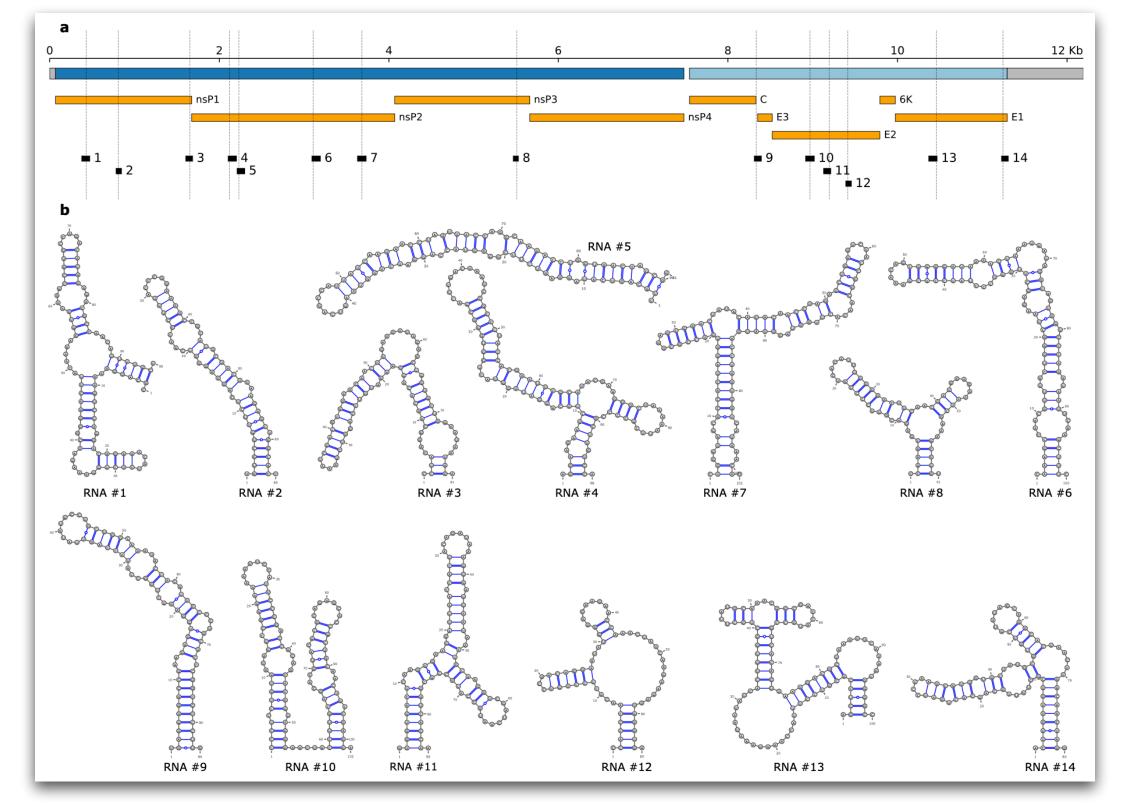
Dynamic Molecular Epidemiology Reveals Lineage-Associated Single-Nucleotide Variants That Alter RNA Structure in Chikungunya Virus Spicher, T., Delitz, M., de Bernardi Schneider, A. and Wolfinger, M.T. Genes 12(2), 239 (2021)

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Lineage	AUL-Am	AUL	SAL	MAL	IOL	EAL	AAL	sECSA
AUL	0.01108							
SAL	0.06902	0.06622						
MAL	0.06840	0.06548	0.02432					
IOL	0.06988	0.06734	0.02954	0.02631				
EAL	0.06763	0.06533	0.02574	0.02259	0.00584			
AAL	0.06390	0.06067	0.03145	0.02887	0.03141	0.02807		
sECSA	0.06302	0.06014	0.02957	0.02758	0.03038	0.02690	0.01918	
WA	0.19383	0.19228	0.17696	0.17829	0.17917	0.17750	0.17443	0.17505

Lineage	<b>TMRCA</b>	Date Confidence Interval	<b>Year of First Isolation</b>
AAL	17-04-1948	(18-10-1946,14-12-1949)	1953
AUL	05-02-1951	(13-09-1949, 04-01-1953)	1958
AUL-Am	12-03-2008	(24-12-2007, 10-11-2008)	2013
EAL	24-05-2002	(15-02-2001, 20-04-2003)	2005
IOL	03-08-2003	(20-10-2002, 14-01-2004)	2006
MAL	31-01-1953	(20-05-1951, 14-01-1955)	1962
SAL	22-03-2011	(24-06-2009, 15-09-2012)	2014
WA	16-01-1954	(13-05-1952, 26-09-1955)	1964

