

List of independent C-to-A and C-to-G losses in angiosperm evolution at the *matK*-3 editing site

Group	Genus ^a	Genera at Sister Node (R/C)	Genera at Upper Node 1 (R/C)	Genera at Upper Node 2 (R/C)	Mixed Genera		
					equal number of Rs and Cs	more Cs than Rs	more Rs than Cs
C to A							
Rosids	<i>Populus</i>	0/1	0/2	0/1			
	<i>Datisca</i>	0/1	0/7	1/13			
	<i>Spirea</i>	0/3	0/9	1/9			
	<i>Brassica</i>	0/1	0/1	0/1			
	<i>Vitis</i>	0/1	4/47	1/11			
Saxifragales	<i>Itea</i>	0/1	0/1	0/2			
Caryophyllales	<i>Drosera branch</i>	0/1	0/2	0/1			
Asterids	<i>Hydrolea</i>	0/1	0/17	0/2		<i>Pinguicula</i> (12C/11A)	
	<i>maesa/androsace</i>	1/13	0/2	0/1			
	<i>Galax</i>	0/2	0/1	0/2			
Basal Eudicots	<i>Hydrastis</i>	0/1	0/2	0/2			
Monocots	<i>Knema/Myristica</i>	0/4	0/2	0/3			
	<i>Borya</i>	0/1	0/6	0/18			
total		13					
C to G							
	<i>Piper</i>	0/1	0/2	0/9		<i>Oncidium</i> (8/1)	
	<i>Streptocarpus</i>	0/2	0/12	0/2			
total		2				2	