Appendix 3. AIC score values obtained for every model carried on ChromEvol (Glick and Mayrose, 2014; Mayrose et al., 2010). Scores in bold depicts values <2 units from the minimum score (shaded in gray).

Scenario info	Transition	Node	Hinchliff and Roalson (2013)						Spalink et al. (2016)					
Scenario mio	scenarios	Noue	Base Num	Base Num Dupl	Const Rate	Const Rate Demi	Const Rate Demi Est	Const Rate No Dupl	Base Num	Base Num Dupl	Const Rate	Const Rate Demi	Const Rate Demi Est	Const Rate No Dupl
Complete tree	Null	No transition	1510.83	1503.91	1499.91	1490.54	1489.68	1648.87	907.725	903.823	899.767	893.625	895.477	964.142
Background Node 1		1BG	874.05	878.96	874.98	875.56	878.39	908.07	541.905	539.900	535.920	532.147	533.556	543.686
Node 1		1	623.86	613.35	610.96	602.78	601.65	638.70	360.629	361.143	360.030	356.154	357.493	380.763
1 + 1BG	1	SUM				1475.69						888.30		
Background Node 2		2BG	1043.39	1033.45	1030.38	1020.61	1020.16	1117.54	651.422	642.700	640.563	639.879	640.420	732.800
Node 2		2	461.92	467.80	464.54	465.26	465.77	488.52	232.824	234.593	230.379	230.379	232.407	228.683
2 + 2BG	2	SUM				1482.08						868.56		
Background Node 3		3BG	1431.95	1422.12	1418.21	1411.49	1411.94	1532.09	839.218	832.924	828.933	822.238	824.620	874.760
Node 3		3	65.69	67.69	66.21	64.56	65.87	65.93	68.454	72.041	68.508	68.265	70.291	69.699
3 + 3BG	3	SUM				1476.05						890.50		
Background Node 4		4BG	247.85	246.18	242.15	242.97	245.07	256.75	173.163	172.596	171.784	171.889	173.584	203.711
Node 4		4	1259.07	1255.56	1251.56	1248.80	1247.99	1325.64	727.852	728.705	724.709	719.564	720.171	742.179
4 + 4BG	4	SUM				1490.14						891.35		
Background 1 + 2		12BG	415.63	418.41	415.56	413.06	414.33	415.13	289.538	289.138	289.270	283.817	282.938	317.807
1 + 2 + 12BG	1,2	SUM				1476.63						867.78		
Background 1 - 3		1-3	543.40	535.51	529.71	526.19	527.34	553.34	288.382	284.223	285.295	284.488	285.971	306.846
3 + 1 - 3 + 1BG	1,3	SUM				1464.80						884.64		
4 - 1		4-1	628.27	630.28	630.08	630.76	632.09	653.48	359.638	361.417	357.533	355.696	355.520	355.653
1 + 4 - 1 + 4BG	1,4	SUM				1472.07						883.46		
Background 2 + 3		23BG	964.92	953.42	949.73	943.49	944.41	1012.49	578.124	568.485	564.333	564.426	565.219	645.091
2 + 3 + 23BG	2,3	SUM				1469.97						861.28		
4 - 2		4-2	794.19	788.14	786.84	779.14	779.56	814.32	477.589	470.274	471.548	470.251	486.541	513.650
2 + 4 - 2 + 4BG	2,4	SUM				1483.22						870.72		
4 - 3		4-3	1173.880	1172.740	1168.840	1168.650	1170.070	1226.420	651.145	658.356	654.365	649.022	649.438	662.700
3 + 4 - 3 + 4BG	3,4	SUM				1475.37						889.07		
2 + 3 + 1 - 3 + 12BG	1,2,3	SUM				1465.74			İ			864.11		
4 - 2 - 1		4-2-1	170.912	173.026	168.882	168.992	170.893	166.885	119.504	118.265	114.263	115.104	116.264	125.803
1 + 2 + 4-2-1 + 4BG	1,2,4	SUM				1472.60						870.88		
1-3+3+4-1+4BG	1,3,4	SUM				1461.18						879.79		
4 - 2 - 3		4-2-3	710.80	709.18	705.40	702.64	702.23	723.49	400.855	395.161	396.550	396.520	405.842	436.318
2 + 3 + 4 - 2 - 3 + 4BG	2,3,4	SUM				1470.86						863.89		
2+3+1-3+4-2-1+4BG	1,2,3,4	1234				1461.71						867.22		
2 · 3 · 1 · 3 · ¬-2 · 1 · ¬DO	, ,-,		<u> </u>						1					

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