

Supplementary Table 5. Performance of Ornstein–Uhlenbeck (OU) and Brownian motion (BM) models of genomic character evolution (2C, Cx, GC content) among early diverging and core Bromelioideae. Bold font indicates the best fitting model. Models with no values (“-“) failed to pass the model performance criteria.

Model	lnL	AIC	AICc	AICc weight
2C				
BM1	-62.5161	129.0322	129.1547	0.0000
BMS	-23.1937	52.3874	52.6348	0.8901
OU1	-50.2777	106.5554	106.8028	0.0000
OUM	-49.8493	107.6985	108.1152	0.0000
OUMA	-	-	-	-
OUMV	-23.0935	56.1871	56.8187	0.1099
OUMVA	-30.9180	73.8361	74.7297	0.0000
Cx				
BM1	18.26014	-32.52028	-32.38392	0.0000
BMS	30.47079	-54.94158	-54.66572	0.0000
OU1	60.96096	-115.9219	-115.6461	0.0062
OUM	61.24457	-114.4891	-114.024	0.0028
OUMA	-	-	-	-
OUMV	68.2466	-126.4932	-125.7873	0.9910
OUMVA	-	-	-	-
GC				
BM1	-146.1360	296.2720	296.3970	0.0000
BMS	-132.1206	270.2412	270.4938	0.0000
OU1	-117.6816	241.3632	241.6158	0.6052
OUM	-117.3284	242.6569	243.0824	0.2907
OUMA	-	-	-	-
OUMV	-117.2455	244.4909	245.1361	0.1041
OUMVA	-	-	-	-