

Table S3. Latitude and longitude for six sampling sites near Kigoma, Tanzania where *Tropheus brichardi* and algal nutrient content data were collected.

Site	Site Name	Coordinates
1	Jakobsen's South	S 04° 54.83' E 29° 36.23'
2	Bangwe Point	S 04° 50.61' E 29° 35.93'
3	Katabe Bay	S 04° 53.48' E 29° 36.78'
4	Hilltop	S 04° 53.33' E 29° 36.90'
5	Kalalangabo South	S 04° 50.61' E 29° 36.46'
6	Kalalangabo North	S 04° 50.03' E 29° 36.37'