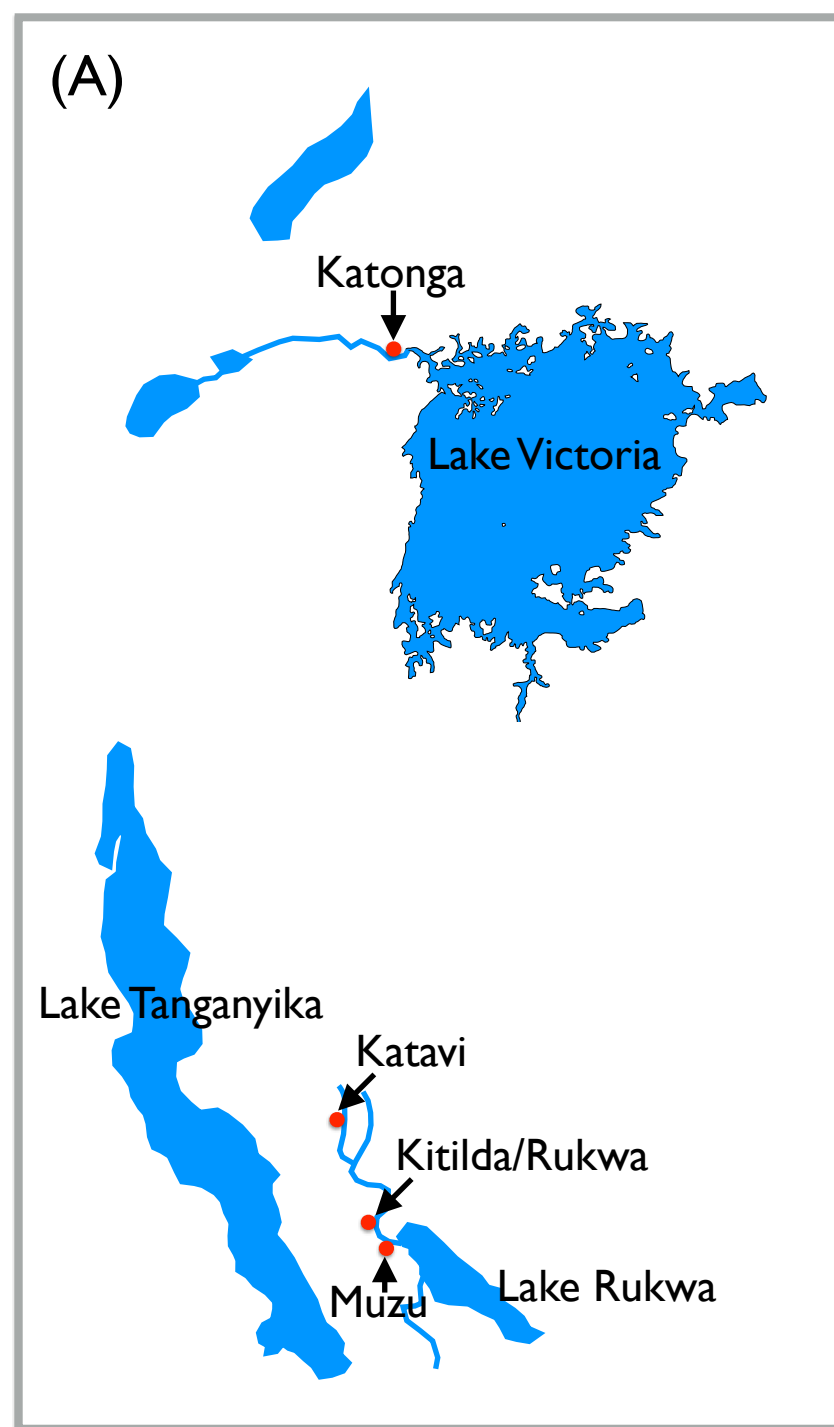




(B)

Amino acid positions	6	1	1	1	1	2	2	2	3
	2	8	7	9	1	2	6	7	7
H	V	A	A	V	Y	L	I	F	I
8676	.	.	.	.	.	.	.	.	.
8684_A1	.	.	.	.	.	.	.	.	.
8684_A2	I	G	S	F	F	I	F	I	V
9317	I	G	S	F	F	I	F	I	V
9334_A1	I	.	.	.	.	I	F	I	V
9334_A2	I	G	S	F	F	I	F	I	V
9354	I	G	S	F	F	I	F	I	V
9355	.	.	.	.	.	.	.	.	.
9379	I	G	S	F	F	I	F	I	V
9380	I	G	S	F	F	I	F	I	V

Katonga

Katavi

Kitilda/Rukwa

Muzu

Figure S4

Amino acid alignment of LWS from river species. Residue positions are numbered according to the sequences of LWS. The dots and letters indicate identical and different residues, respectively, compared with the top line. The *LWS* sequences were determined from four riverine species: *H. sp.* 'katonga' (n = 2), *H. sp.* 'katavi' (n = 1), *H. sp.* 'kitilda-rukwa' (n = 2), and *H. sp.* 'muzu-rukwa' (n = 3).