

Table SM2. Genetic diversity estimates for *H. niloticus* per locus per locality

Pop		Hn5	Hn11	Hn 14	Hn28	Hn 30	Hn32	Hn45	Hn47	Hn54
Kainji_Lake	N	23	23	23	23	23	23	23	23	23
	Na	9	14	11	8	14	5	3	6	5
	Ne	5.014	8.202	7.399	4.853	5.977	1.859	1.970	3.861	1.866
	I	1.795	2.348	2.159	1.739	2.184	0.965	0.753	1.503	0.977
	Ho	0.783	0.913	0.957	0.783	0.913	0.478	0.435	0.870	0.435
	He	0.801	0.878	0.865	0.794	0.833	0.462	0.492	0.741	0.464
	uHe	0.818	0.898	0.884	0.812	0.851	0.472	0.503	0.757	0.474
	F	0.022	-0.040	-0.106	0.014	-0.096	-0.035	0.117	-0.173	0.063
Ethiope_River	N	19	19	19	19	19	19	19	19	19
	Na	5	5	9	5	10	3	1	3	3
	Ne	2.498	1.656	5.309	2.983	4.688	1.715	1.000	1.383	1.994
	I	1.162	0.820	1.872	1.287	1.884	0.737	0.000	0.537	0.809
	Ho	0.632	0.421	0.789	0.737	0.789	0.526	0.000	0.211	0.421
	He	0.600	0.396	0.812	0.665	0.787	0.417	0.000	0.277	0.499
	uHe	0.616	0.407	0.834	0.683	0.808	0.428	0.000	0.284	0.512
	F	-0.053	-0.063	0.027	-0.108	-0.004	-0.262	#N/A	0.240	0.156
Igbokoda	N	15	15	15	15	15	15	15	15	15
	Na	6	7	8	7	9	5	2	4	3
	Ne	1.807	2.133	4.167	2.143	5.114	2.284	1.220	2.036	2.074
	I	0.996	1.184	1.629	1.202	1.864	1.066	0.325	0.951	0.802
	Ho	0.400	0.267	0.667	0.467	0.800	0.667	0.067	0.400	0.467
	He	0.447	0.531	0.760	0.533	0.804	0.562	0.180	0.509	0.518
	uHe	0.462	0.549	0.786	0.552	0.832	0.582	0.186	0.526	0.536
	F	0.104	0.498	0.123	0.125	0.006	-0.186	0.630	0.214	0.099
Epe_Lagoon	N	20	20	20	20	20	20	20	20	20
	Na	4	6	7	4	11	4	1	5	4
	Ne	1.229	2.424	4.571	1.444	6.452	3.042	1.000	1.299	2.424
	I	0.429	1.157	1.691	0.639	2.080	1.171	0.000	0.543	1.004
	Ho	0.200	0.500	0.650	0.250	0.850	0.600	0.000	0.200	0.700
	He	0.186	0.588	0.781	0.308	0.845	0.671	0.000	0.230	0.588
	uHe	0.191	0.603	0.801	0.315	0.867	0.688	0.000	0.236	0.603
	F	-0.074	0.149	0.168	0.187	-0.006	0.106	#N/A	0.130	-0.191
Benin	N	6	6	6	6	6	6	6	6	6
	Na	5	4	6	3	5	3	2	1	3
	Ne	3.273	2.880	5.143	2.667	2.571	2.323	1.180	1.000	1.412
	I	1.352	1.199	1.705	1.040	1.234	0.960	0.287	0.000	0.566
	Ho	0.833	0.833	1.000	0.833	0.500	0.667	0.167	0.000	0.333
	He	0.694	0.653	0.806	0.625	0.611	0.569	0.153	0.000	0.292
	uHe	0.758	0.712	0.879	0.682	0.667	0.621	0.167	0.000	0.318
	F	-0.200	-0.277	-0.241	-0.333	0.182	-0.171	-0.091	#N/A	-0.143
Total all populations	Na	14	14	17	10	19	6	4	8	6