

Table(3): Numerical characteristics of the karyotype of *Lates nilotoicus* showing the mean values of measurements from best ten mitotic metaphases.

Chro. pair No.	Length of long arm (μ m) Mean ± Sd	Length of Short arm (μ m) Mean ± Sd	Total length (μ m) Mean ± Sd	¹ Relative Length ± Sd	² Arm ratio Mean ± Sd	³ Centromeric index Mean ± Sd	Class
1	0.584±0.092	0.441±0.076	1.025±0.164	5.493±0.415	1.330±0.096	42.980±1.775	M
2	0.579±0.078	0.304±0.061	0.883±0.137	4.732±0.416	1.948±0.262	34.134±2.617	SM
3	0.770±0.127	0.207±0.039	0.977±0.156	5.233±0.456	3.771±0.548	21.200±2.346	ST
4	0.930±0.118	0.079±0.017	1.010±0.123	5.430±0.374	12.241±2.923	7.880±1.664	A
5	0.874±0.110	0.074±0.010	0.947±0.114	5.090±0.213	11.932±1.655	7.848±1.005	A
6	0.853±0.101	0.066±0.006	0.919±0.100	4.941±0.174	13.116±2.129	7.234±1.119	A
7	0.826±0.089	0.067±0.016	0.893±0.094	4.801±0.181	12.959±2.987	7.473±1.627	A
8	0.797±0.092	0.070±0.017	0.867±0.098	4.661±0.146	11.853±2.669	8.107±1.769	A
9	0.792±0.090	0.059±0.011	0.850±0.095	4.570±0.177	13.921±2.915	6.894±1.106	A
10	0.764±0.086	0.070±0.018	0.833±0.095	4.479±0.163	11.521±2.941	8.341±1.729	A
11	0.748±0.088	0.062±0.015	0.809±0.093	4.349±0.094	12.692±2.732	7.613±1.750	A
12	0.721±0.098	0.069±0.007	0.790±0.097	4.240±0.089	10.544±1.887	8.870±1.426	A
13	0.701±0.085	0.069±0.014	0.770±0.091	4.133±0.062	10.444±1.861	8.960±1.534	A
14	0.694±0.091	0.062±0.011	0.756±0.093	4.058±0.082	11.464±2.601	8.307±1.524	A
15	0.681±0.097	0.056±0.007	0.737±0.099	3.953±0.115	12.384±1.924	7.629±1.222	A
16	0.673±0.087	0.054±0.015	0.727±0.098	3.896±0.106	13.153±2.977	7.549±1.927	A
17	0.651±0.095	0.060±0.018	0.711±0.105	3.807±0.147	11.465±2.776	8.413±1.976	A
18	0.634±0.084	0.055±0.017	0.689±0.097	3.691±0.141	12.225±2.641	7.848±1.616	A
19	0.607±0.088	0.059±0.013	0.666±0.091	3.570±0.174	10.810±2.862	8.876±1.905	A
20	0.578±0.085	0.058±0.010	0.636±0.090	3.410±0.137	10.090±1.679	9.201±1.363	A
21	0.561±0.088	0.055±0.014	0.615±0.093	3.293±0.156	10.724±2.504	9.651±2.634	A
22	0.586±0.078	0.000	0.586±0.078	3.141±0.110	∞	0.000	A
23	0.497±0.064	0.050±0.009	0.547±0.063	2.939±0.131	10.215±2.325	9.260±1.871	A
24	0.387±0.058	0.000	0.387±0.058	2.090±0.304	∞	0.000	A

1 Relative length = absolute length of each chromosome pair / sum of the absolute length of total chromosomes

2 Arm ratio = long arm / short arm

3 Centromeric index = short arm / total length