

Table 2 Statistical data of 255 bp of IGS regions of rRNA gene polymorphism within *An. arabiensis* and *An. gambiae* populations collected from Sudan and Republic of Southern Sudan

No.	Population	N	S	H	Hd	π
1	Kassala	5	1	2	0.6000	0.0025
2	New Halfa	6	2	3	0.6000	0.0034
3	Aroma	7	2	2	0.2857	0.0023
4	Wager	4	1	2	0.5000	0.0020
5	Sennar	7	2	3	0.5238	0.0030
6	Wau <i>An. arabiensis</i>	6	1	2	0.3333	0.0013
7	Wau <i>An. gambiae</i>	8	0	1	0.0000	0.0000
8	Total	43	22	5	0.7276	0.0264

Note: N, sample size; S, number of polymorphic sites; H, number of haplotypes; HD, Haplotype diversity; π , nucleotide diversity