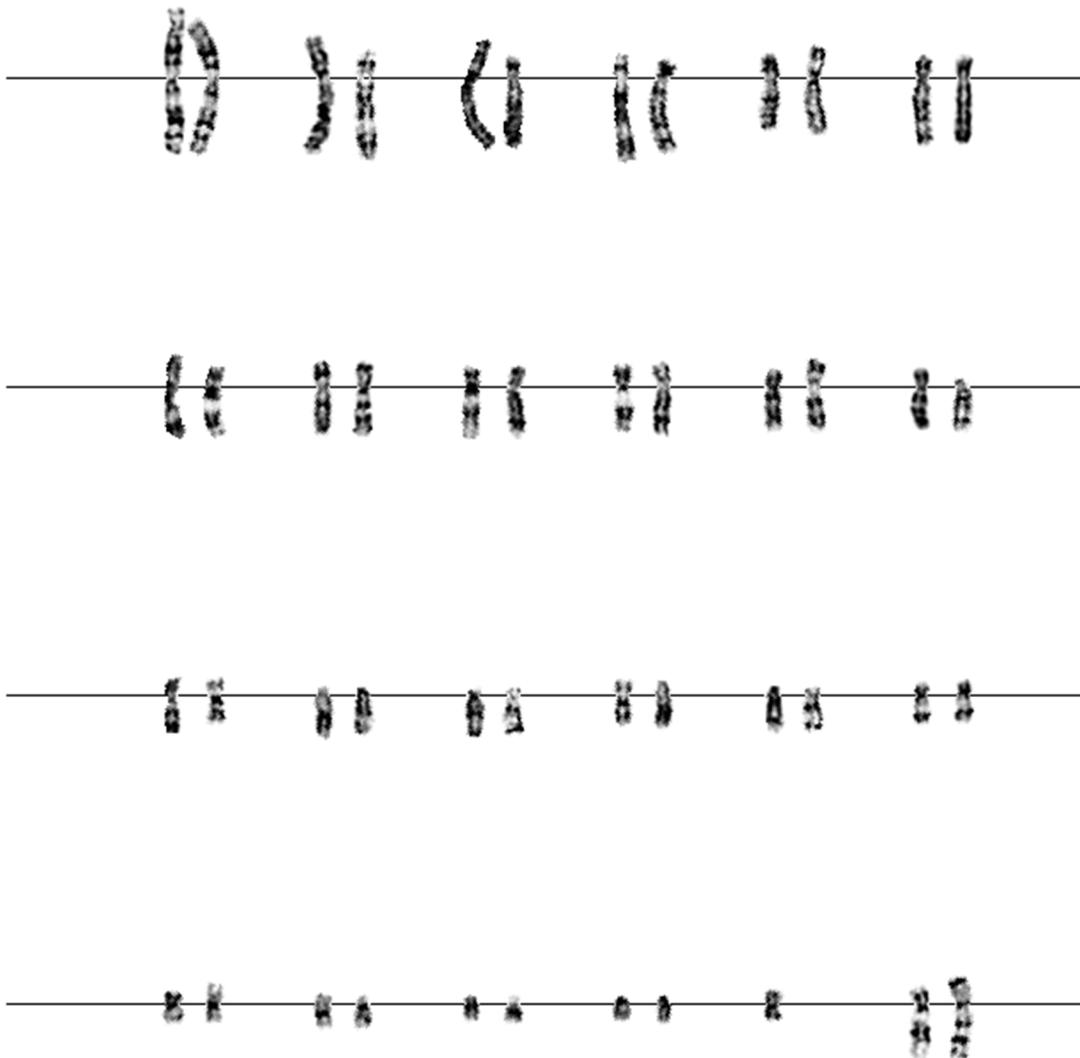


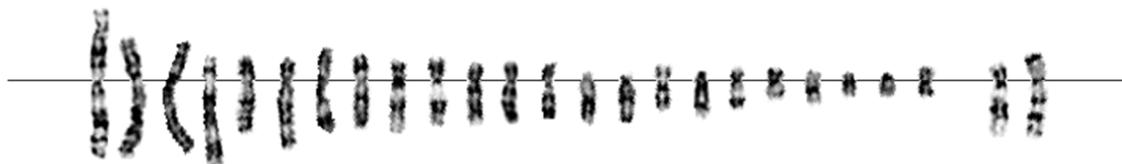
Original image



Karyotype image Result



## Karyotype image Result 2



### Statistics each chromosome

Row	Length	Short arm	Long arm	Lcn/L total	Centromere Index	Chromosome Type
1	26.19	5.1	21.1	0.014	0.195	acrocentric
2	31.4	5.39	26.02	0.017	0.171	acrocentric
3	25.77	12.17	13.6	0.014	0.472	metacentric
4	68.36	21.26	47.1	0.036	0.311	submetacentric
5	42.2	16.03	26.17	0.022	0.38	submetacentric
6	22	5	17	0.012	0.227	acrocentric
7	29.11	12.08	17.03	0.015	0.415	submetacentric
8	55.27	12.17	43.1	0.029	0.22	acrocentric
9	29.04	5	24.04	0.015	0.172	acrocentric
10	57.5	23.02	34.48	0.031	0.4	submetacentric
11	28.12	5.1	23.02	0.015	0.181	acrocentric
12	23	10.63	12.37	0.012	0.462	metacentric
13	21.12	6.08	15.03	0.011	0.288	acrocentric
14	43.1	15.03	28.07	0.023	0.349	submetacentric
15	79.84	34.93	44.91	0.042	0.437	submetacentric
16	43.03	15.03	28	0.023	0.349	submetacentric
17	52.8	16.12	36.67	0.028	0.305	submetacentric
18	87.94	40.01	47.93	0.047	0.455	submetacentric
19	19	9	10	0.01	0.474	metacentric
20	17.26	5.1	12.17	0.009	0.295	submetacentric
21	40.29	14.21	26.08	0.021	0.353	submetacentric
22	42.06	11	31.06	0.022	0.262	acrocentric
23	42.27	14.04	28.23	0.022	0.332	submetacentric
24	44.32	13	31.32	0.024	0.293	submetacentric
25	68.47	25.18	43.29	0.036	0.368	submetacentric
26	15.1	5.1	10	0.008	0.338	submetacentric
27	27.09	8.06	19.03	0.014	0.298	submetacentric
28	35.05	11.05	24	0.019	0.315	submetacentric
29	18.1	5.1	13	0.01	0.282	acrocentric
30	52	21.93	30.07	0.028	0.422	submetacentric

31	30.18	5.1	25.08	0.016	0.169	acrocentric
32	25.22	9.22	16	0.013	0.366	submetacentric
33	18.42	5.39	13.04	0.01	0.292	submetacentric
34	30.49	6.4	24.08	0.016	0.21	acrocentric
35	43	15	28	0.023	0.349	submetacentric
36	27.19	5.1	22.09	0.014	0.188	acrocentric
37	52	14	38	0.028	0.269	acrocentric
38	27.06	9.06	18	0.014	0.335	submetacentric
39	25	8	17	0.013	0.32	submetacentric
40	52.04	13.04	39	0.028	0.251	acrocentric
41	47.9	16.28	31.62	0.025	0.34	submetacentric
42	42.72	12.65	30.07	0.023	0.296	submetacentric
43	64.14	14.14	50	0.034	0.22	acrocentric
44	62.58	20.52	42.06	0.033	0.328	submetacentric
45	31.44	10.44	21	0.017	0.332	submetacentric
46	65.97	23.77	42.2	0.035	0.36	submetacentric
47	48.38	19.1	29.27	0.026	0.395	submetacentric

karyotype Statistics				
R	Variable Name	Value	Unit	Description
1	2n	47		
2	Number of arms	79		
3	Fn	76		
4	Fna	3		
5	All Chromosome Length	1880.53	µm	
6	Total Metacentric	3		
7	Total Submetacentric	29		
8	Total Acrocentric	15		
9	Total Telocentric	0		