Confusion matrix																		
9.5	- 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		- 160000	و. تن -
10.5	- 0.00	2.91	0.00	0.00	0.10	3.85	0.05	38.08	16.17	1.65	1.01	0.05	0.05	0.00	0.30			- 0.0
11.5	- 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		- 140000	11.5
12.5	- 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		- 120000	12.5
13.5	- 0.00	0.10	0.00	0.00	7650.31	1663.43	36.01	194.02	129.19	117.38	5.36	20.57	1.65	1.04	1.86			13.5
14.5	- 0.00	3.85	0.00	0.00	1663.43	3.42126.9	6486.59	8331.55	7838.57	2085.97	353.30	252.12	122.61	18.82	18.30		- 100000	14.5
allele 15.5	- 0.00	0.05	0.00	0.00	36.01	6486.59	2486.16	640.80	915.25	363.59	93.40	53.59	7.21	0.69	0.33		20000	allele 15.5
Predicted al 16.5	- 0.00	38.08	0.00	0.00	194.02	8331.55	640.80	.66758.5	24917.70	7062.79	1475.89	2302.43	49.85	10.73	54.70		- 80000	Predicted al
Pre 17.5	- 0.00	16.17	0.00	0.00	129.19	7838.57	915.25	24917.70	37917.7	15164.58	32886.66	2709.31	51.92	10.88	32.07			Pre 17.5 -
18.5	- 0.00	1.65	0.00	0.00	117.38	2085.97	363.59	7062.79	15164.5	39371.62	21334.10	2315.33	570.62	241.64	14.93		- 60000	- 18.5
19.5	- 0.00	1.01	0.00	0.00	5.36	353.30	93.40	1475.89	2886.66	1334.10	4127.82	433.40	39.18	21.43	14.67			19.5
20.5	- 0.00	0.05	0.00	0.00	20.57	252.12	53.59	2302.43	2709.31	2315.33	433.40	2980.65	156.75	73.58	5.29		- 40000	- 50.2
21.5	- 0.00	0.05	0.00	0.00	1.65	122.61	7.21	49.85	51.92	570.62	39.18	156.75	244.02	98.56	2.13			21.5
22.5	- 0.00	0.00	0.00	0.00	1.04	18.82	0.69	10.73	10.88	241.64	21.43	73.58	98.56	301.28	0.91		- 20000	22.5
23.5	- 0.00	0.30	0.00	0.00	1.86	18.30	0.33	54.70	32.07	14.93	14.67	5.29	2.13	0.91	37.77			23.5
	9.5	10.5	11.5	12.5	13.5	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5		- 0	9

True allele

## Normalized confusion matrix - 0.8 $0.00\% \mid 4.52\% \mid 0.00\% \mid 0.00\% \mid 0.16\% \mid 6.00\% \mid 0.07\% \mid 59.30\% \mid 25.19\% \mid 2.57\% \mid 1.57\% \mid 0.08\% \mid 0.08\% \mid 0.00\% \mid 0.47\% \mid 0.00\% \mid 0.$ - 0.7 - 0.6 - 0.5 **%** 22.43% 5.78% 8.26% 3.28% 0.84% 0.48% 0.07% 0.01% 0.00% - 0.4

