		Confusion matrix														
15.5	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	0.00
16.5	0.00 1	92589.2	3655.10	0.20	1560.88	0.00	0.16	100.55	61.66	16.97	689.34	526.86	43.09	22.12	0.25	0.03
17.5	0.00	3655.10	7326.64	0.00	0.70	0.00	0.01	10.80	0.60	0.21	13.21	4.42	0.47	0.10	0.00	0.00
18.5	0.00	0.20	0.00	0.07	0.43	0.00	0.00	0.00	0.06	0.10	0.02	0.02	0.00	0.00	0.00	0.00
19.5	0.00	1560.88	0.70	0.43	10949.65	5 0.02	1.33	3.58	43.45	22.05	256.71	190.94	62.15	20.44	1.24	0.03
20.5	0.00	0.00	0.00	0.00	0.02	2.04	5.01	0.00	0.04	0.07	0.32	0.41	0.18	1.98	0.00	0.01
Predicted allele 24.5 23.5 22.5 '	0.00	0.16	0.01	0.00	1.33	5.01	702.21	0.25	36.52	20.24	483.40	80.02	2.94	7.00	0.03	0.08
	0.00	100.55	10.80	0.00	3.58	0.00	0.25	831.85	1187.21	3.04	538.98	21.89	7.62	3.33	0.08	0.18
	0.00	61.66	0.60	0.06	43.45	0.04	36.52	1187.21	36638.49	9 1405.59	4263.83	1136.52	82.28	41.84	0.76	0.18
25.5	0.00	16.97	0.21	0.10	22.05	0.07	20.24	3.04	1405.59	23316.2	B055.86	1335.95	180.29	30.34	2.57	0.02
26.5	0.00	689.34	13.21	0.02	256.71	0.32	483.40	538.98	4263.83	3055.86	63781.9	.1346.54	B 452.48	1430.70	7.21	3.48
27.5	0.00	526.86	4.42	0.02	190.94	0.41	80.02	21.89	1136.52	1335.95	.1346. 5 4	⊉0726.7	& 307.40	1934.25	89.75	1.24
28.5	0.00	43.09	0.47	0.00	62.15	0.18	2.94	7.62	82.28	180.29	3452.48	8307.40	24611.19	1 376.80	49.05	0.56
29.5	0.00	22.12	0.10	0.00	20.44	1.98	7.00	3.33	41.84	30.34	1430.70	1934.25	1376.80	7556.38	40.41	2.09
30.5	0.00	0.25	0.00	0.00	1.24	0.00	0.03	0.08	0.76	2.57	7.21	89.75	49.05	40.41	490.48	0.00
31.5	0.00	0.03	0.00	0.00	0.03	0.01	0.08	0.18	0.18	0.02	3.48	1.24	0.56	2.09	0.00	2.72
,	15.5	16.5	17.5	18.5	19.5	20.5	22.5	23.5 True	24.5	25.5	26.5	27.5	28.5	29.5	30.5	31.5

- 175000

- 150000

- 125000

- 100000

- 75000

- 50000

- 25000

Normalized confusion matrix

15.5																
18.5 17.5 16.5	0.00%	96.65%	1.83%	0.00%	0.78%	0.00%	0.00%	0.05%	0.03%	0.01%	0.35%	0.26%	0.02%	0.01%	0.00%	0.00%
	- 0.00%	33.19%	66.53%	0.00%	0.01%	0.00%	0.00%	0.10%	0.01%	0.00%	0.12%	0.04%	0.00%	0.00%	0.00%	0.00%
	0.00%	22.18%	0.00%	8.31%	47.36%	0.00%	0.02%	0.00%	7.19%	10.81%	2.33%	1.70%	0.01%	0.09%	0.00%	0.00%
19.5	0.00%	11.90%	0.01%	0.00%	83.50%	0.00%	0.01%	0.03%	0.33%	0.17%	1.96%	1.46%	0.47%	0.16%	0.01%	0.00%
20.5	0.00%	0.02%	0.00%	0.00%	0.17%	20.26%	49.71%	0.00%	0.43%	0.65%	3.16%	4.07%	1.80%	19.65%	0.00%	0.07%
22.5	0.00%	0.01%	0.00%	0.00%	0.10%	0.37%	52.44%	0.02%	2.73%	1.51%	36.10%	5.97%	0.22%	0.52%	0.00%	0.01%
Predicted allele 28.5 27.5 26.5 25.5 24.5 23.5	- 0.00%	3.71%	0.40%	0.00%	0.13%	0.00%	0.01%	30.70%	43.82%	0.11%	19.89%	0.81%	0.28%	0.12%	0.00%	0.01%
	0.00%	0.14%	0.00%	0.00%	0.10%	0.00%	0.08%	2.64%	81.60%	3.13%	9.50%	2.53%	0.18%	0.09%	0.00%	0.00%
	- 0.00%	0.06%	0.00%	0.00%	0.08%	0.00%	0.07%	0.01%	4.78%	79.34%	10.40%	4.55%	0.61%	0.10%	0.01%	0.00%
	- 0.00%	0.36%	0.01%	0.00%	0.14%	0.00%	0.26%	0.28%	2.25%	1.61%	86.51%	5.99%	1.82%	0.76%	0.00%	0.00%
	- 0.00%	0.36%	0.00%	0.00%	0.13%	0.00%	0.05%	0.02%	0.78%	0.92%	7.79%	82.86%	5.70%	1.33%	0.06%	0.00%
	- 0.00%	0.11%	0.00%	0.00%	0.16%	0.00%	0.01%	0.02%	0.22%	0.47%	9.04%	21.76%	64.47%	3.61%	0.13%	0.00%
29.5	0.00%	0.18%	0.00%	0.00%	0.16%	0.02%	0.06%	0.03%	0.34%	0.24%	11.48%	15.51%	11.04%	60.61%	0.32%	0.02%
30.5	0.00%	0.04%	0.00%	0.00%	0.18%	0.00%	0.00%	0.01%	0.11%	0.38%	1.06%	13.16%	7.19%	5.93%	71.94%	0.00%
31.5	0.00%	0.24%	0.00%	0.00%	0.28%	0.07%	0.72%	1.67%	1.68%	0.21%	32.78%	11.73%	5.28%	19.73%	0.01%	25.60%
	15.5	16.5	17.5	18.5	19.5	20.5	22.5	23.5 True	24.5 allele	25.5	26.5	27.5	28.5	29.5	30.5	31.5

- 0.4

- 0.2