	Confusion matix													
14.0	- 1189	4	13	1	5	155	36	4	0	0	1	0	0	0
16.0	- 4	56505	2361	25	588	862	411	51	7	22	97	66	5	3
17.0	- 13	2361	171486	160	539	2502	986	279	10	58	191	120	19	4
18.0	- 1	25	160	3408	30	698	341	17	3	2	8	7	0	0
19.0	- 5	588	539	30	24106	2218	1859	1245	30	58	100	27	3	1
20.0	- 155	862	2502	698	2218	220991	9042	2806	154	192	368	145	23	10
llele d allele 21.0	- 36	411	986	341	1859	9042	76071	2236	132	77	203	69	7	2
Per Allele predicted allele 22.0 21.0	- 4	51	279	17	1245	2806	2236	11472	8	4	59	15	1	1
23.0	- 0	7	10	3	30	154	132	8	532	47	69	1	0	0
24.0	- 0	22	58	2	58	192	77	4	47	3474	516	9	173	0
25.0	- 1	97	191	8	100	368	203	59	69	516	25406	2904	4	8
26.0	- 0	66	120	7	27	145	69	15	1	9	2904	19989	2	365
27.0	- 0	5	19	0	3	23	7	1	0	173	4	2	932	0
28.0	- 0	3	4	0	1	10	2	1	0	0	8	365	0	462
	14.0	14.0 16.0 17.0 18.0 19.0 20.0 21.0 22.0 23.0 24.0 25.0 26.0 true allele												28.0

- 25000

- 140000

- 120000

- 100000

- 80000

- 60000

- 40000

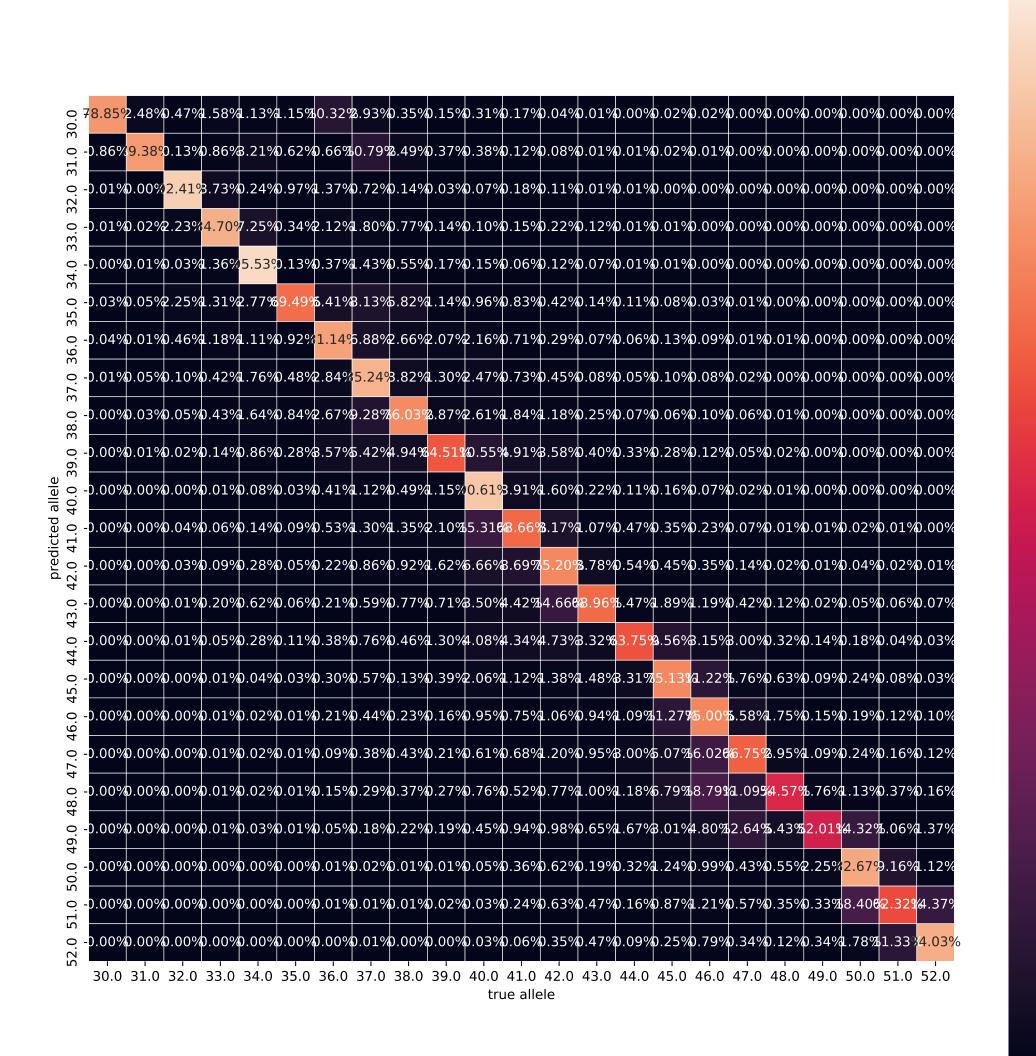
- 20000

						Norma	alized co	nfusion	matix					
14.0	84.57%	0.25%	0.90%	0.04%	0.35%	10.99%	2.56%	0.26%	0.02%	0.02%	0.04%	0.01%	0.00%	0.00%
16.0	0.01%	92.62%	3.87%	0.04%	0.96%	1.41%	0.67%	0.08%	0.01%	0.04%	0.16%	0.11%	0.01%	0.00%
17.0	0.01%	1.32%	95.95%	0.09%	0.30%	1.40%	0.55%	0.16%	0.01%	0.03%	0.11%	0.07%	0.01%	0.00%
18.0	0.01%	0.52%	3.40%	72.53%	0.64%	14.87%	7.25%	0.36%	0.07%	0.03%	0.17%	0.14%	0.00%	0.01%
19.0	0.02%	1.91%	1.75%	0.10%	78.24%	7.20%	6.03%	4.04%	0.10%	0.19%	0.32%	0.09%	0.01%	0.00%
20.0	0.06%	0.36%	1.04%	0.29%	0.92%	92.02%	3.76%	1.17%	0.06%	0.08%	0.15%	0.06%	0.01%	0.00%
d allele 21.0 '	0.04%	0.45%	1.08%	0.37%	2.03%	9.88%	83.16%	2.44%	0.14%	0.08%	0.22%	0.08%	0.01%	0.00%
predicted allele 22.0 21.0	0.02%	0.28%	1.53%	0.09%	6.84%	15.42%	12.29%	63.04%	0.05%	0.02%	0.32%	0.08%	0.00%	0.00%
23.0	0.02%	0.69%	1.05%	0.34%	2.97%	15.47%	13.25%	0.84%	53.52%	4.75%	6.98%	0.09%	0.04%	0.01%
24.0	0.01%	0.48%	1.25%	0.03%	1.24%	4.15%	1.67%	0.09%	1.02%	75.00%	11.14%	0.19%	3.73%	0.00%
25.0	0.00%	0.32%	0.64%	0.03%	0.33%	1.23%	0.68%	0.20%	0.23%	1.72%	84.87%	9.70%	0.01%	0.03%
26.0	0.00%	0.28%	0.50%	0.03%	0.11%	0.61%	0.29%	0.06%	0.00%	0.04%	12.24%	84.28%	0.01%	1.54%
27.0	0.00%	0.39%	1.63%	0.02%	0.29%	1.95%	0.56%	0.07%	0.04%	14.80%	0.36%	0.14%	79.74%	0.01%
28.0	0.00%	0.35%	0.49%	0.03%	0.12%	1.13%	0.27%	0.06%	0.01%	0.01%	0.97%	42.57%	0.01%	53.99%
	14.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0

true allele

101	_		_			10										0						
101	3	1	2	1	1	13	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	293	0	3	12	2	2	40	9	1	1	0	0	0	0	0	0	0	0	0	0	0	
1		9260		24	97	138	72	14	3	7	18	11	1	1	0	0	0	0	0	0	0	
2	3		14178		56	354	302	128	24	17	26	36	19	2	2	1	0	0	0	0	0	
1	12			85319			1275		150	132	55	106	62	12	5	2	1	0	0	0	0	
1	2	97	56		2999			251	49	42	36	18	6	5	3	1	1	0	0	0	0	
13	2	138	354	334			2064		620	648		86	20	17	38	26	4	2	0	0	0	
4	40	72		1275						1791		329	58	33	72	55	17	3	1	0	0	
0	9	14	128	489	251				858			352	76	20	17	28	19	4	1	0	0	
0	1	3	24	150	49	620	941			1831		621	70	57	49	20	9	3	1	0	0	
0	1	7	17	132	42	648	1791					2549		178	259	119	27	9	2	1	0	
0	0	18	26	55	36	214	528	550	853	6226	27912	3323	436	189	141	94	30	6	4	9	3	
0	0	11	36	106	18	86	329	352	621	2549	3323	28759	1447	206	174	133	53	9	4	15	8	
0	0	1	19	62	6	20	58	76	70	345	436	1447	6804	145	187	117	41	12	2	5	6	
0	0	1	2	12	5	17	33	20	57	178	189	206	145	2777	416	137	131	14	6	8	2	
0	0	0	2	5	3	38	72	17	49	259	141	174	187	416	9457	1413	221	79	11	30	10	
0	0	0	1	2	1	26	55	28	20	119	94	133	117	137	1413	9400	700	219	18	24	15	
0	0	0	0	1	1	4	17	19	9	27	30	53	41	131	221	700	2916	129	48	10	7	
0	0	0	0	0	0	2	3	4	3	9	6	9	12	14	79	219	129	635	21	13	4	
0	0	0	0	0	0	0	1	1	1	2	4	4	2	6	11	18	48	21	197	54	4	
0	0	0	0	0	0	0	0	0	0	1	9	15	5	8	30	24	10	13	54	1995	221	
0	0	0	0	0	0	0	0	0	0	0	3	8	6	2	10	15	7	4	4	221	748	1
0	0	0	0	0	0	0	0	0	0	0	1	5	7	1	4	12	5	2	5	27	172	1:

true allele



- 0.8

- 0.2