						Con	fusion m	atix					
19.0	- 1046	861	20	27	25	27	13	19	4	2	1	0	0
20.0	- 861	70302	2193	788	535	161	80	570	484	22	3	5	0
21.0	- 20	2193	47999	314	535	88	1989	22	237	32	7	0	0
22.0	- 27	788	314	27308	897	742	1172	402	221	157	47	8	4
23.0	- 25	535	535	897	297778	6043	4564	1435	1567	303	326	5	4
ele 24.0	- 27	161	88	742	6043	24353	4477	1088	2458	1667	752	28	58
predicted allele	- 13	80	1989	1172	4564	4477	38570	2286	2768	1808	539	45	39
pre 26.0		570	22	402	1435	1088	2286	19992	3304	845	181	43	24
27.0	- 4	484	237	221	1567	2458	2768	3304	28350	2600	694	478	75
28.0	- 2	22	32	157	303	1667	1808	845	2600	16369	884	28	72
29.0	- 1	3	7	47	326	752	539	181	694	884	919	8	17
30.0	- 0	5	0	8	5	28	45	43	478	28	8	6275	45
31.0	- 0	0	0	4	4	58	39	24	75	72	17	45	70
	19.0	20.0	21.0	22.0	23.0	24.0	25.0 true allele	26.0	27.0	28.0	29.0	30.0	31.0

- 50000

- 250000

- 200000

- 150000

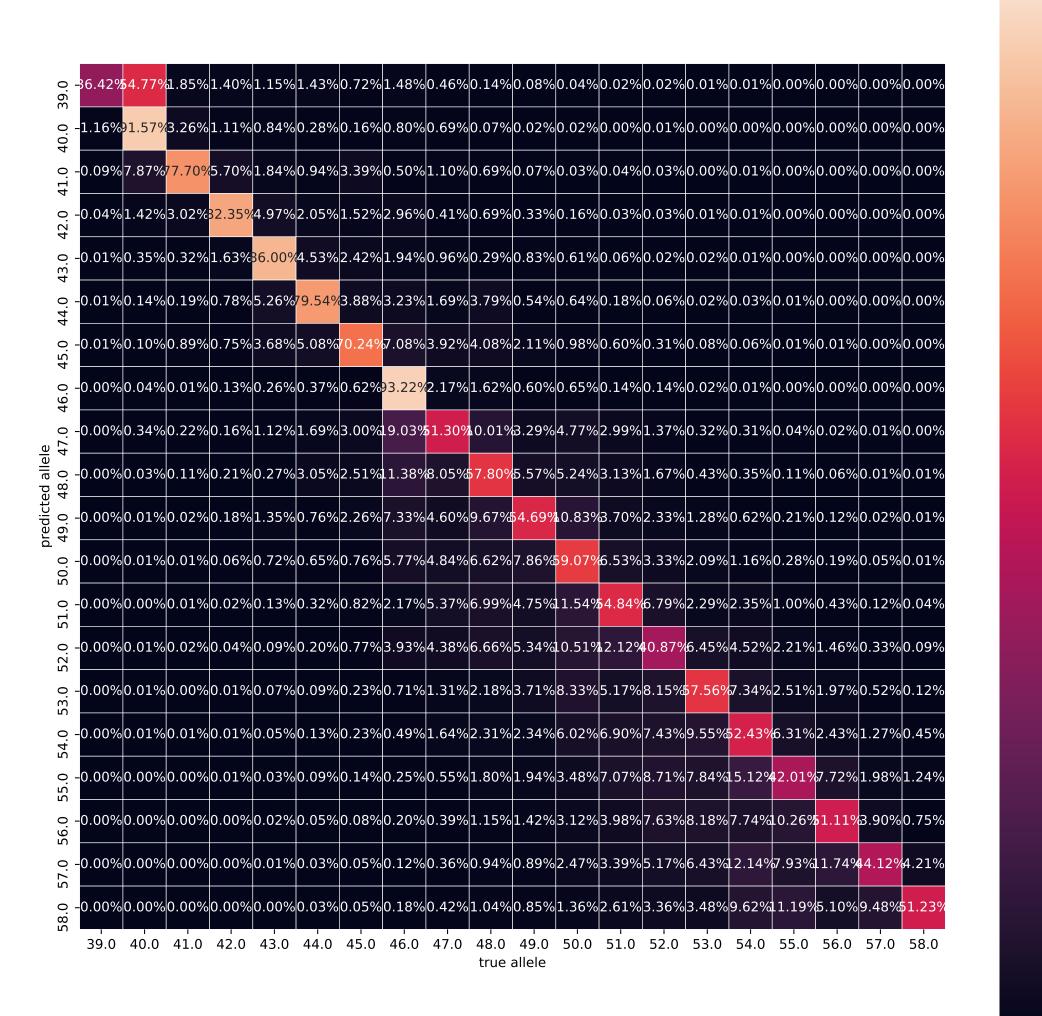
- 100000

- 50000

					N	ormalize	ed confus	sion mat	ix				
19.0	51.18%	42.13%	0.97%	1.32%	1.21%	1.34%	0.62%	0.92%	0.18%	0.10%	0.03%	0.00%	0.00%
20.0	1.13%	92.50%	2.89%	1.04%	0.70%	0.21%	0.11%	0.75%	0.64%	0.03%	0.00%	0.01%	0.00%
21.0	0.04%	4.10%	89.82%	0.59%	1.00%	0.16%	3.72%	0.04%	0.44%	0.06%	0.01%	0.00%	0.00%
22.0	0.08%	2.45%	0.98%	85.11%	2.79%	2.31%	3.65%	1.25%	0.69%	0.49%	0.14%	0.02%	0.01%
23.0	0.01%	0.17%	0.17%	0.29%	94.83%	1.92%	1.45%	0.46%	0.50%	0.10%	0.10%	0.00%	0.00%
ele 24.0	0.07%	0.38%	0.21%	1.77%	14.41%	58.06%	10.67%	2.59%	5.86%	3.98%	1.79%	0.07%	0.14%
predicted allele 25.0 24	0.02%	0.14%	3.41%	2.01%	7.82%	7.67%	66.10%	3.92%	4.74%	3.10%	0.92%	0.08%	0.07%
pre 26.0	0.06%	1.89%	0.07%	1.33%	4.75%	3.60%	7.57%	66.17%	10.94%	2.80%	0.60%	0.14%	0.08%
27.0	0.01%	1.12%	0.55%	0.51%	3.62%	5.69%	6.40%	7.64%	65.56%	6.01%	1.60%	1.11%	0.17%
28.0	0.01%	0.09%	0.13%	0.63%	1.22%	6.73%	7.29%	3.41%	10.49%	66.03%	3.57%	0.11%	0.29%
29.0	0.01%	0.07%	0.16%	1.06%	7.44%	17.17%	12.32%	4.15%	15.84%	20.19%	21.00%	0.19%	0.39%
30.0	0.00%	0.07%	0.01%	0.11%	0.08%	0.41%	0.65%	0.62%	6.86%	0.41%	0.12%	90.02%	0.65%
31.0	0.00%	0.09%	0.11%	0.91%	0.92%	14.23%	9.52%	5.77%	18.41%	17.63%	4.13%	11.08%	17.20%
	19.0	20.0	21.0	22.0	23.0	24.0	25.0 true allele	26.0	27.0	28.0	29.0	30.0	31.0

39.0	- 121	183	6	5	4	5	2	5	2	0	0	0	0	0	0	0	0	0	0	0
40.0 3	183	14407	512	175	132	45	26	125	109	11	3	3	1	1	1	1	0	0	0	0
41.0 4(- 6	512	5057	371	120	61	220	33	71	45	5	2	3	2	0	0	0	0	0	0
42.0 41	- 5	175	371	10108	610	252	186	363	51	85	41	19	4	4	1	1	0	0	0	0
	- 4	132	120	610	32288	1699	909	727	361	109	313	230	23	9	6	3	1	0	0	0
.0 43.0	- 5	45	61	252	1699	25692	1254	1043	547	1226	175	207	58	20	7	8	2	1	0	0
.0 44.0	- 2	26	220	186	909	1254	17357	1750	968	1009	521	243	148	77	19	14	4	2	0	0
.0 45.0	- 5	125	33	363	727	1043	1750	263553	6143	4567	1695	1836	391	396	57	30	6	4	1	0
.0 46.0	- 2	109	71	51	361	547	968	6143	16566	3232	1063	1540	966	441	104	100	14	8	2	1
0 47.	- 0	11	45	85	109	1226			3232					671	174	141	46	22	6	3
49.0 48.0 47.	- 0	3	5	41	313	175	521		1063				854	538	296	143	50	27	6	2
	- 0	3	2	19	230	207	243		1540						664	369	89	60	16	4
50.0		1	3	19																7
51.0		1		4	23	58	148							1221		422	181	77	22	,
52.0	- 0	1	2	4	9	20	77	396	441	671	538		1221		649	455	223	147	33	10
53.0	- 0	1	0	1	6	7	19	57	104	174	296	664	412		4589	585	200	157	41	10
54.0	- 0	1	0	1	3	8	14	30	100	141	143	369	422	455	585	3210	386	149	78	27
55.0	- 0	0	0	0	1	2	4	6	14	46	50	89	181	223	200	386	1074	197	51	32
56.0	- 0	0	0	0	0	1	2	4	8	22	27	60	77	147	157	149	197	983	75	14
57.0		0	0	0	0	0	0	1	2	6	6	16	22	33	41	78	51	75	282	27
58.0	- 0	0	0	0	0	0	0	0	1	3	2	4	7	10	10	27	32	14	27	146
-	39.0	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0

true allele



- 0.2

- 0.8