

Table 1

Size of Multiplex	Coverage	All allele frequencies										≤ 5% MAF				2% MAF (4 alleles in pool)				0.5% MAF (1 allele in pool)			
		Percent of Boxes, average (SD)	Homozygous wild-type sites	Heterozygous sites	Homozygous variant sites	Sensitivity, average (SD)	Specificity, average (SD)	Homozygous wild-type sites	Heterozygous sites	Heterozygous variant sites	Sensitivity (avg)	Specificity (avg)	Heterozygous sites	Sensitivity (avg)	Specificity (avg)	Heterozygous sites	Sensitivity (avg)	Specificity (avg)	Heterozygous sites	Sensitivity (avg)	Specificity (avg)	Heterozygous sites	Sensitivity (avg)
22-24	≥ 3	89.4 (1.29)	229483	39100	24885	95.02 (1.42)	99.82 (0.14)	17205	2057	20	92.49	99.98	656	91.6	99.98	127	88.3	99.98	127	88.3	99.99	127	88.3
	≥ 5	84.6 (1.75)	221031	37332	23810	96.75 (1.23)	99.82 (0.14)	166050	1961	19	95.30	99.98	624	94.9	99.99	119	90.2	99.99	111	93.8	99.99	111	93.8
	≥ 10	75.0 (2.65)	201268	33626	21451	98.22 (0.98)	99.86 (0.13)	151995	1768	17	97.42	99.98	563	96.6	99.99	100	96.0	99.99	100	96.0	99.99	100	96.0
	≥ 15	67.1 (3.57)	182332	30279	19510	98.60 (0.93)	99.88 (0.12)	137327	1579	17	98.50	99.98	507	98.0	99.99	100	95.6	99.99	100	95.6	99.99	100	95.6
48	≥ 20	59.8 (4.51)	163986	27202	17643	98.94 (0.83)	99.89 (0.12)	123572	1418	14	98.81	99.98	460	98.7	100	90	95.6	100	90	95.6	100	90	95.6
	≥ 3	89.0 (2.30)	239300	39218	26510	95.80 (1.42)	99.90 (0.08)	187077	2109	25	92.97	99.97	651	92.9	99.99	131	94.7	99.99	131	94.7	99.99	131	94.7
	≥ 5	84.1 (3.14)	230685	37434	25232	96.43 (0.95)	99.91 (0.08)	179900	1997	25	95.95	99.97	619	95.8	99.99	125	96.8	99.99	125	96.8	99.99	125	96.8
	≥ 10	74.8 (4.54)	209960	33448	22739	98.96 (0.51)	99.94 (0.07)	163128	1805	22	98.30	99.97	566	98.4	99.99	111	100	99.99	111	100	99.99	111	100
30-32	≥ 15	67.1 (5.79)	190652	30010	20491	99.33 (0.42)	99.95 (0.07)	147843	1630	19	98.85	99.97	517	99.0	99.99	100	100	99.99	100	100	99.99	100	100
	≥ 20	60.3 (6.98)	172373	26937	18505	99.60 (0.37)	99.96 (0.06)	133259	1449	18	99.05	99.97	467	99.6	100	88	100	100	88	100	100	88	100
	≥ 3	89.2 (2.55)	245952	40732	26487	96.52 (1.08)	99.97 (0.03)	184498	1903	16	93.54	99.97	664	95.6	99.98	102	97.1	99.98	102	97.1	99.98	102	97.1
	≥ 5	84.4 (3.49)	235796	38696	25251	98.23 (0.69)	99.97 (0.03)	177779	1809	16	96.33	99.97	644	97.1	99.99	102	97.1	99.99	102	97.1	99.99	102	97.1
30-32	≥ 10	74.8 (5.35)	212716	34440	22505	99.43 (0.40)	99.97 (0.03)	160352	1600	14	98.88	99.97	567	99.1	99.99	99	96.8	99.99	99	96.8	99.99	99	96.8
	≥ 15	66.8 (7.25)	192642	30957	20272	99.80 (0.19)	99.98 (0.03)	145504	1403	12	99.58	99.98	497	99.4	100	82	97.6	100	82	97.6	100	82	97.6
	≥ 20	59.5 (9.08)	173212	27775	18237	99.90 (0.15)	99.98 (0.03)	130959	1260	10	99.76	99.98	448	99.6	100	72	98.8	100	72	98.8	100	72	98.8