

Sensitivity and specificity of data collection strategies

41 African sample reference panel

a	Sens _D					b	Spec _I				
	0x	.5x	1x	2x	4x		0x	.5x	1x	2x	4x
No Array	NA	4.64	15.14	38.87	73.47	No Array	NA	97.46	98.14	98.73	99.24
Affy 100k	1.36	5.82	15.91	39.09	73.59	Affy 100k	96.65	97.50	98.21	98.71	99.24
Affy 500k	8.20	12.38	21.78	43.16	75.15	Affy 500k	97.99	97.95	98.16	98.81	99.21
Affy 6	14.31	18.20	26.96	46.90	76.70	Affy 6	98.07	98.27	98.54	98.86	99.26
Ilmn 1M	20.40	24.02	32.27	50.87	78.49	Ilmn 1M	98.92	98.86	98.79	99.08	99.37
Omni 2.5	30.15	33.41	40.72	57.10	80.96	Omni 2.5	99.16	99.12	99.10	99.29	99.43

c	Sens _I for private variants					Sens _I for .5% < MAF < 5% variants					Sens _I for MAF > 5% variants						
	0x	.5x	1x	2x	4x	0x	.5x	1x	2x	4x	0x	.5x	1x	2x	4x		
No Array	NA	18.66	27.84	46.15	69.15	No Array	NA	23.00	39.62	62.20	84.06	No Array	NA	46.61	64.21	79.00	90.80
Affy 100k	7.15	18.37	27.77	45.59	69.22	Affy 100k	3.43	23.28	39.97	61.60	84.22	Affy 100k	5.82	48.32	65.02	79.04	90.90
Affy 500k	13.53	19.91	29.20	46.72	69.45	Affy 500k	11.81	29.12	42.90	63.95	84.73	Affy 500k	30.23	56.17	68.61	80.69	91.42
Affy 6	15.57	21.13	28.65	47.36	69.64	Affy 6	20.29	34.29	45.90	65.36	85.00	Affy 6	46.28	62.86	72.33	82.23	91.86
Ilmn 1M	16.66	22.17	29.99	47.46	69.91	Ilmn 1M	23.80	37.35	48.28	66.57	85.61	Ilmn 1M	56.01	68.00	75.40	83.89	92.55
Omni 2.5	19.58	24.50	32.41	47.68	69.94	Omni 2.5	40.73	48.18	56.23	70.78	86.92	Omni 2.5	68.89	74.86	79.60	85.77	93.25

