

# Agilent's SurePrint G3 CNV Portfolio Overview

		Catalog CNV SurePrint G3 Microarrays
		2x400K
AMADID		21365
Total features		420,288
Control grid feature count		5,385
Distinct biological features		412,892
Replicated probes (5x)		1,000
Additional neg. controls		11
Retained 244K probes		53,347 (22.6%)
Retained 105K probes		22,100 (22.3%)
Retained 44K probes		1,925 (4.5%)
Genome build		hg18
Pseudoautosomal probes		677
Tm filtered probes		3 (~0%)
Pass Tm filter		412,889 (~100%)
HomFiltered probes		49,268 (11.9%)
Pass homology filter		363,624 (88.1%)
Unique probes		394,419 (95.5%)
Non-unique probes		18,473 (4.5%)
Exonic probes		17,588 (4.3%)
Intragenic probes		207,876 (50.3%)
Intergenic probes		205,016 (49.7%)
Median probe spacing	Intragenic	920
	Intergenic	1,077
	CNV	1,130
	Overall	1,056
Average probe spacing	Overall	6,630
	At least 1 probe	11,752 (62.9%)
RefSeq coverage (18,698 genes)	>=3	6,799 (36.4%)
Cancer gene coverage (362 genes)	At least 1 probe	274 (75.7%)
	>=3	156 (43.1%)
CNV coverage (CNVs < 10 kb size) from DGV v5	At least 1 probe	5,495/6,481 (84.8%)
	>=4	3,270/6,481 (50.5%)
CNV coverage (CNVs > 10 kb size) from DGV v5	At least 1 probe	10,706/11,159 (95.9%)
	>=4	10,190/11,159 (95.9%)