

Available equipment and applications for microarray:

	ILLUMINA iScan	AFFYMETRIX GeneChip 3000
MAIN CHARACTERISTICS*		
# samples/array	≤48	1
# arrays/run	2	48
FFPE compatible solutions	Yes	Yes
Extremely low RNA inputs	No	Yes, from 100 pg
Max. no of markers	4,5x10 ⁶	2,7x10 ⁶
Hands-on time	Higher	Lower
APPLICATIONS		
Genotyping	+	+
CNV analysis/cytogenomics	+	+
Transcriptome profiling	+	+
miRNA & Small RNA profiling	-	+
Methylation profiling	+	+
Pharmacogenomics	-	+
Custom arrays	+	+
Multi-species solutions (agrigenomics)	+	+