Genomics and Bioinformatics Shared Resource, Genomics (GBSR) **Services and Charges**

General Service (FY27)

Service category	Service	Service Unit	Standard Rate	Subsidized Rate
DNA Isolation	DNA Extraction <1ml	sample	$22.40	$21.30
	DNA Extraction >1ml	sample	$41.20	$39.30
	DNA isolation from FFPE tissue	sample	$27.20	$26.10
	DNA from plasma&serum	sample	$57.70	$56.20
RNA isolation	RNA isolation from blood - PAXGene	sample	$52.70	$50.10
	RNA/miRNA isolation from blood/plasma/serum/saliva	sample	$36.60	$35.00
	RNA isolation from cells or tissue	sample	$32.10	$30.60
	RNA isolation from FFPE tissue	sample	$48.20	$45.90
	AllPrep DNA&RNA isolation	sample	$46.20	$44.20
	AllPrep DNA&RNA FFPE isolation	sample	$51.40	$49.50
	Tissue Disruption	sample	$30.00	$29.30
Quantity & Quality Analysis	Picogreen or Qubit quantification for DNA	sample	$3.35	$3.25
	Bioanalyzer -RNA Nano/Pico or DNA 1000	chip	$107.40	$103.80
	Bioanalyzer- DNA High Sensitivity	chip	$165.50	$160.60
cDNA synthesis for PCR	cDNA synthesis, Random primed	sample	$8.60	$8.30
	cDNA preamplification	sample	$20.20	$19.60
OpenArray PCR	OpenArray PCR_96 to 144 samples (16 SNP)	OpenArray	$261.00	$251.50
	OpenArray PCR_49 to 96 samples (32 SNP)	OpenArray	$240.50	$231.40
	OpenArray PCR_12 to 48 samples (64+ SNP)	OpenArray	$137.50	$131.90
	OpenArray PCR_1-4 samples (expression)	OpenArray	$130.00	$122.40
Bisulfite treatment for DNA	Bisulfite treatment, 96-well	sample	$6.25	$6.05
	Bisulfite treatment, single tubes	sample	$11.85	$11.25
TaqMan Genotyping	TaqMan Genotyping_Small Scale (min. 1500 reactions)	reaction	$1.35	$1.30
	TaqMan Genotyping_Medium Scale (4500+ reactions)	reaction	$1.20	$1.15
	TaqMan Genotyping_w/o assay	reaction	$1.00	$0.95
TaqMan Copy Number Analysis	TaqMan copy# assay	reaction	$1.80	$1.75
TaqMan Expression analysis	Expression qPCR 96 well plate	reaction	$3.15	$2.95
	Expression qPCR 384 well plate	reaction	$1.70	$1.65
	qPCR run only	plate	$20.10	$19.50
	qPCR run only (with triplicate prep)	plate	$66.80	$64.80
	TaqMan qPCR array plate run w/o assays	plate	$143.50	$137.50
GeneChip Expression assay	GeneChip assay run w/o chip	sample	$386.50	$375.50
	Gene Expression assay run w/o Chip/Reagents	sample	$158.00	$149.00
	Clariom™ S Assay 10, 12 or 30 samples, human/mouse/rat	sample	$383.00	$373.50
	Clariom™ D Assay, 10, 12 or 30 samples, human/mouse/rat	sample	$659.00	$643.50
NanoString nCounter assay	NanoString nCounter assay run	sample	$48.60	$44.70
Illumina BeadArray assays	Infinium FFPE DNA Restoration + QC	sample	$124.50	$122.50
	Infinium EPIC with chip for 48+ samples	sample	$301.00	$298.00
	Infinium EPIC with chip for 32-48 samples	sample	$320.50	$316.00
	Infinium EPIC with chip for 8-24 samples	sample	$363.00	$357.00
	InfiniumAssay-8 run for 12+ chips	sample	$40.00	$37.40
	InfiniumAssay-8 run for 4-11 chips	sample	$45.20	$42.10
	Infinium Assay-8 for 1-3 chips	sample	$69.70	$64.30
	InfiniumAssay-12+ for 8+ chips	sample	$36.20	$33.70
	Infinium Assay-12+ for 4-6 chips	sample	$39.10	$36.40
	Infinium Assay-12+ for 2 chips	sample	$52.20	$48.40
DNA Plate Preparation	Plate Preparation, Stock and Normalization	plate	$226.00	$211.00
	Plate Preparation, Normalization only	plate	$165.50	$154.50
Consultation	Technician-level (Genomics)	hr	$75.00	$68.00
	Faculty-level (Genomics)	hr	$120.00	$102.00

Genomics and Bioinformatics Shared Resource, Genomics (GBSR) **Services and Charges**

NGS Service (FY27)

Service category	Service	Service Unit	Standard Rate	Subsidized Rate
10X genomics single-cell	3' gene expression (scRNA-seq) sample prep (per 4 samples min.)	4-sample	$10,261.00	$10,148.00
	3' gene expression (scRNA-seq) sample prep (per 8 samples min.)	8-sample	$18,852.00	$18,696.00
	5'/VDJ sample prep (per 4 samples, min.)	4-sample	$10,794.00	$10,675.00
	5'/VDJ sample prep (per 8 samples, min.)	8-sample	$18,989.00	$18,856.00
	VDJ sample prep (per 4 samples, min.)	4-sample	$10,491.00	$10,388.00
	VDJ sample prep (per 8 samples, min.)	8-sample	$19,258.00	$19,110.00
	ATAC-seq sample prep	8-sample	please inquire	please inquire
Parse single-cell	Parse WT MINI scRNAseq (10K cells; 1-12 samples)	1 batch	$6,984.00	$6,893.00
	Parse WT scRNAseq (100K cells; 1-48 samples)	1 batch	$14,559.00	$14,447.00
	Parse WT MEGA scRNAseq (1M cells; 1-96 samples)	1 batch	$25,622.00	$25,481.00
NGS Library prep	DNA-seq library prep (Illumina DNA Prep)	sample	$102.00	$98.50
	miRNA-seq library prep (Qiagen miRNA QIAseq)	sample	$271.50	$264.50
	Watchmaker total RNA library prep	sample	$160.50	$155.50
	Watchmaker mRNA library prep	sample	$129.50	$125.00
	16S library prep (iSeq100)	sample	$97.30	$93.80
	TWIST Exome library prep	sample	$200.00	$194.00
	ZYMO WBGS library prep	sample	$189.50	$184.00
NGS Runs	NGS run only (customer flow cell)	pool	$115.50	$110.00
iSeq 100 runs	NGS-run-max 300 cycle-4M total reads	pool	$947.50	$942.50
NextSeq 2000 runs	GSR - NextSeq 2000 P1 (100 cycles, 100M)	pool	$1,000.50	$991.00
	GSR - NextSeq 2000 P1 (300 Cycles, 100M)	pool	$1,361.00	$1,350.00
	GSR - NextSeq 2000 P1 (600cycles, 100M)	pool	$1,979.00	$1,964.00
	GSR - NextSeq 2000 P2 (100 Cycles, 400M)	pool	$1,480.00	$1,468.00
	GSR - NextSeq 2000 P2 (200 Cycles, 400M)	pool	$2,601.00	$2,583.00
	GSR - NextSeq 2000 P2 (300 Cycles, 400M)	pool	$3,426.00	$3,404.00
	GSR - NextSeq 2000 P2 (600cycles, 300M)	pool	$3,722.00	$3,699.00
	GSR - NextSeq 2000 P3 (100 Cycles, 1200M)	pool	$2,944.00	$2,925.00
	GSR - NextSeq 2000 P3 (200 Cycles, 1200M)	pool	$4,050.00	$4,026.00
	GSR - NextSeq 2000 P3 (300 Cycles, 1200M)	pool	$5,377.00	$5,346.00
	GSR - NextSeq 2000 P4 (50 Cycles, 1800M)	pool	$2,330.00	$2,314.00
	GSR - NextSeq 2000 P4 (100 Cycles, 1800M)	pool	$3,398.00	$3,377.00
	GSR - NextSeq 2000 P4 (200 Cycles, 1800M)	pool	$4,777.00	$4,749.00
	GSR - NextSeq 2000 P4 (300 Cycles, 1800M)	pool	$6,062.00	$6,027.00