

PBRC NORC Molecular Mechanism Core Services				
Genomics Core				
Gene expression - 3'-expression tag sequencing (SAGE); 16 samples			Gene expression - RNA-Seq; 12 samples	
	PBRC	External Customer		
Library construction	\$ 4,825.00	\$ 7,237.50	Library construction	\$ 5,775.00 \$ 8,662.50
35 base sequencing run, 6 lanes	\$ 5,250.00	\$ 7,875.00	75 base sequencing run, 6 lanes	\$ 5,725.00 \$ 8,587.50
Data analysis	\$ 600.00	\$ 900.00	Data analysis	\$ 900.00 \$ 1,350.00
total cost	\$ 10,675.00	\$ 16,012.50	total cost	\$ 12,400.00 \$ 18,600.00
Principal investigator shall provide 16 total RNA samples with RIN>7. Library preparation, next-generation sequencing, data alignment to a reference sequence, and primary statistical analysis will be provided by the Genomics Core.			Principal investigator shall provide 12 total RNA samples with RIN>7. Library preparation, next-generation sequencing, data alignment to a reference sequence, and primary statistical analysis will be provided by the Genomics Core. Inquire for paired-end sequencing..	
Gene expression - 3'-expression tag sequencing (SAGE); 24 samples			Gene expression: human microarray, 24 samples	
	PBRC	External Customer		
Library construction	\$ 7,237.50	\$ 10,856.25	Microarray - Human HT-12; arrays +	\$ 4,800.00 \$ 7,200.00
35 base sequencing run, 6 lanes	\$ 5,250.00	\$ 7,875.00	processing	
Data analysis	\$ 900.00	\$ 1,350.00	Data analysis	\$ 600.00 \$ 900.00
total cost	\$ 13,387.50	\$ 20,081.25	total cost	\$ 5,400.00 \$ 8,100.00
Principal investigator shall provide 24 total RNA samples with RIN>7. Library preparation, next-generation sequencing, data alignment to a reference sequence, and primary statistical analysis will be provided by the Genomics Core.			Principal investigator shall provide 24 total RNA samples with RIN>7. Sample QC and labelling, array hybridization, and primary data analysis will be provided by the Genomics Core.	
Chromatin-Immunoprecipitation sequencing (ChIPSeq) 12; samples			Gene expression: mouse microarray, 16 samples	
	PBRC	External Customer		
Library construction	\$ 3,110.00	\$ 4,665.00	Microarray - Mouse ref-8; arrays +	\$ 3,700.00 \$ 5,550.00
35 base sequencing run, 6 lanes	\$ 5,250.00	\$ 7,875.00	processing	
Data analysis	\$ 400.00	\$ 600.00	Data analysis	\$ 600.00 \$ 900.00
total cost	\$ 8,760.00	\$ 13,140.00	total cost	\$ 4,300.00 \$ 6,450.00
Principal investigator shall provide 12 samples of immunoprecipitated DNA. Library preparation, next-generation sequencing, data alignment to a reference sequence will be provided by the Genomics Core.			Principal investigator shall provide 16 total RNA samples with RIN>7. Sample QC and labelling, array hybridization, and primary data analysis will be provided by the Genomics Core.	