MAGEE-WOMENS

RESEARCH INSTITUTE

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Genome Editing, Transgenic and Virus Core Order Form

Investigator Information:

Investigator/Contact:
Institution:
Address:
City, State:
Zip Code:
Phone:
Fax:
Email:

Choose One

○ Institutional User
○ Non-Institutional User

Accounting Information:

Accounting Contact:
Accounting Address:
City, State:
Zip Code:
Phone:
Email:

Choose One

○ MWRI Acct #
○ Purchase Order #

(for external orders)

Project Description (include gene of interest, if relevant):

Agreement:

· Safety information on the gene of interest has been provided above to the best knowledge of the Principle Investigator (PI).
· The PI has or will get the appropriate regulatory approval (IBC, IACUC, hSCRO) for use of the materials provided.
· Published studies involving use of vectors prepared by the Genome Editing, Transgenic and Virus Core should acknowledge Dr. Yi Sheng and the GETV Core. In addition, published studies using lentiviruses produced by the GETV Core should acknowledge the initial description of the FUGW lentiviral vector backbone: Lois C, Hong EJ, Pease S, Brown EJ, Baltimore D. (2002) Science 295:868-72.
· Vectors produced by the MWRI GETV Core are not for application in human beings.
· MWRI&F and the MWRI GETV Core shall not be held liable for any outcome in connection with the use of the vectors by the PI.

_____   _____
Signed By   Current Date

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	Services	Amount	Quantity	Price[1]	Extended Price
Molecular Cloning	Plasmid Midi-Prep	100 µg			
	Plasmid cloning (plasmid, virus, CRISPR/Cas9)	1-2 steps			
Viral Services	Viral vector construction				
	Concentrated stock virus aliquots				
	Lentiviral production-small scale (concentrated)	100 µl (10^9 particles/ml)[4]			
	Lentiviral production-large scale (concentrated)	500 µl (10^9 particles/ml) [4]			
	Adenovirus [3]	1 ml (10^{11} vp/ml) [4]			
	Adeno-associated virus [3]	1 ml (10^{11} gc/ml) [4]			
	Virus titration [2]				
	Other viral services [3]				
Transgenesis	DNA purification for microinjection				
	Pronuclear injection for generating transgenic mice (hybrid)	2 founders			
	Pronuclear injection for generating transgenic mice (inbred)	2 founders			
	BAC pronuclear injection for generating transgenic mice	2 founders			
	Pronuclear injection for generating transgenic rats	2 founders			
Knockout/ Knockin	CRISPR-Cas9 mutagenesis (hybrid mouse)	2 founders			
	CRISPR-Cas9 knockin (hybrid mouse)	2 founders			
	CRISPR-Cas9 knockin (inbred mouse)	2 founders			
	CRISPR-Cas9 mutagenesis (inbred mouse)	2 founders			
	CRISPR-Cas9 mutagenesis (rat)	2 founders			
	ES cell targeting ES cell electroporation, clone picking, cell freezing, & DNA extraction				
	ES cell expansion expand and freeze selected clones, extract DNA for further analysis	Per clone			
	Blastocyst injection/embryo transfer	2 transfers			
Rederivation & Cryo-Preservation	Rederivation/Frozen embryo transfer				
	Rederivation/Fresh embryo transfer				
	Rederivation/ Fresh Sperm Invitro Fertilization				
	Rederivation/Frozen Invitro Fertilization				
	Rederivation/Sperm Intracytoplasmic Sperm Injection				
	Embryo freezing (mice)	150-200 embryos			
	Embryo freezing (rats)	150-200 embryos			
	Sperm freezing				
	Embryo injection	Up to 100 embryos			

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	Services	Amount	Quantity	Price[1]	Extended Price
Other Animal Services	Teratoma analysis (Scid mice)	2 mice, 6 injections			
	Chimera analysis (mice)	2 transfers			
	Embryo transfer (mice)	1 transfer			
	Embryo transfer (rats)	1 transfer			
	Animal per diems				
Other [3]					

[1] Rates apply to MWRI investigators. External investigators will be subject to an additional charge to defray indirect costs.

[2] For information about stock plasmid or viral vectors., contact Core manager.

[3] Contact Core Manager, Yi Sheng, at 412-641-2462 or shengy@upmc.edu

[4] Titers can be variable and construct dependent.

Sub-total	
[1] **Indirect Costs**	
Grand Total	