

BAC Engineering Core

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Submission Date _____ Telephone _____

User _____ PI _____

Institute _____

Address _____

Services Provided *	Center Core Grant Projects	Other NINDS Grant projects	Outside UNC Project
Mouse BAC Clone from CHORI**			
129 AB 2.2 (bMQ)	~\$120 /clone	~\$120 / clone	~\$120 /clone
C57/B6 (RP23/24)	~\$120/clone	~\$120 /clone	~\$120 /clone
BAC* Recombineering			
Conditional Knockout Vector (FRT/LoxP)	\$1000	\$2000	\$3600
Knock-in Vector***	\$1000	\$2000	\$3600
BAC Transgene *** (With selection marker)	\$1000	\$2000	\$3600
BAC modification (Point mutation)	\$1400	\$2800	\$4000
Transgene Verification	\$20/100nt	\$20/100nt	\$20/100nt
BAC Control for cKO and KI ****	\$150	\$300	\$500

All charges cover materials and labor cost, but exclude the cost of BAC and Oligo longer than 70 mer with further purification or modification.

**In addition to BAC, PAC, Cosmid and any plasmid > 8 kb can be modified with recombineering. Targeting bacteria chromosome is also possible.*

***Price depends on BAC vendor (CHORI). As 03.2009, CHORI charges each BAC for \$80 plus S&H (\$71).*

****Subject to change depending on the complexity of construct.*

***** Need to order cKO or KI service. Neo (cKO) or transgene (KI) insertion into BAC can serve as positive controls for genomic PCR and Southern for the ES cells screening.*