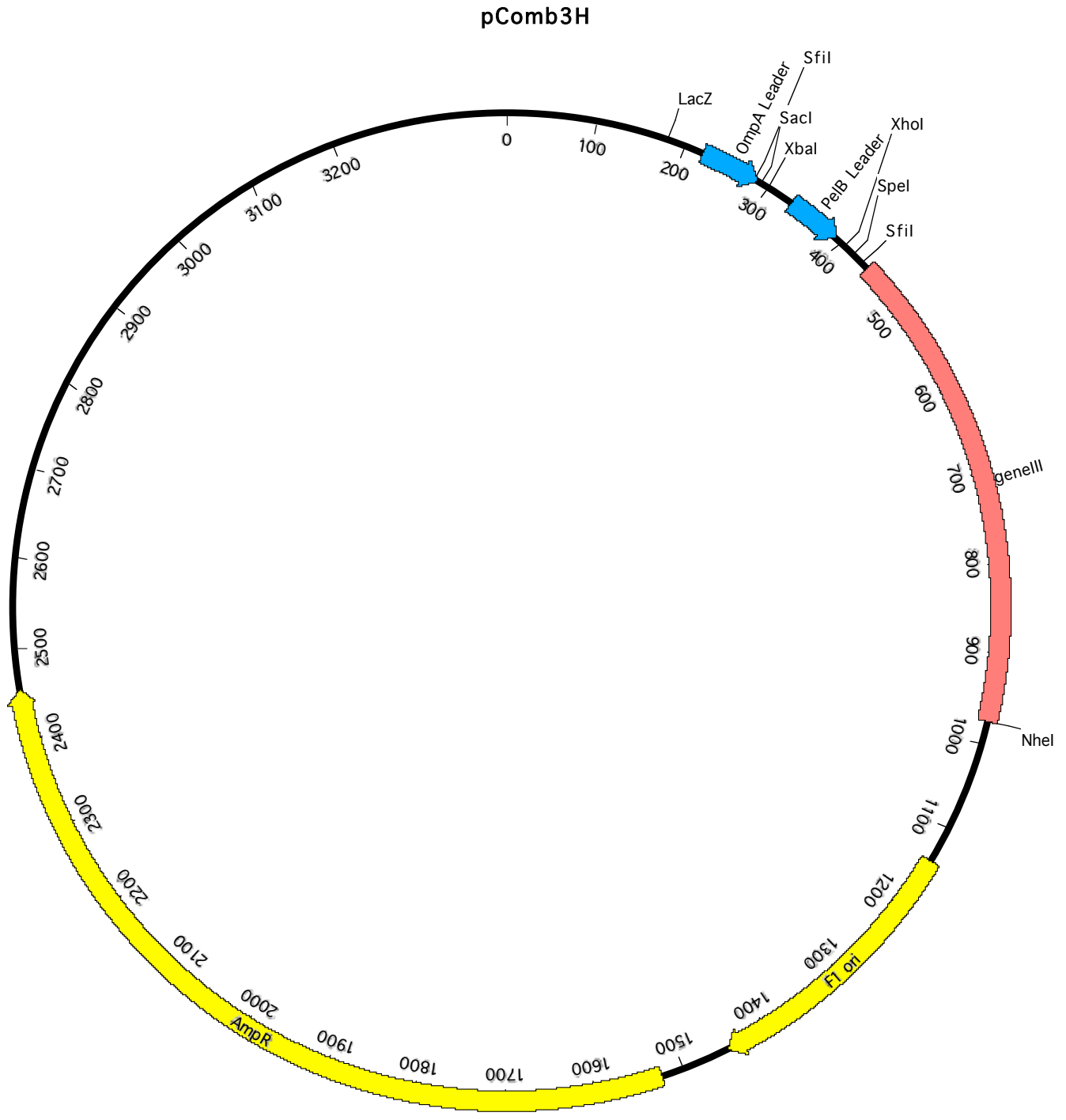


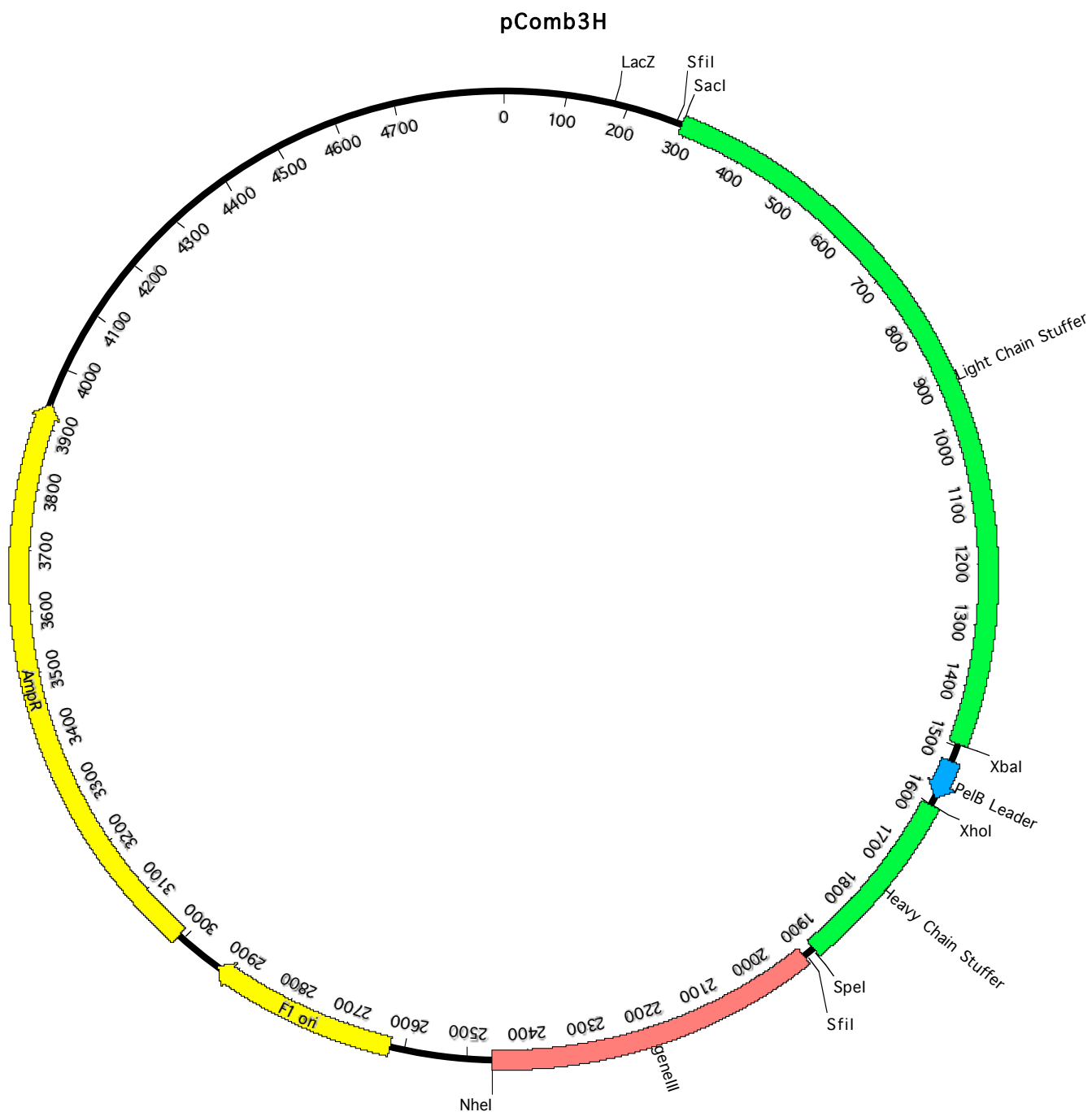
pComb3H map shows map of sequence available on GenBank, Accession # AF268280
Only pComb3HSS and pComb3HTT are available upon MTA request (see below)
See last page for sequencing primers



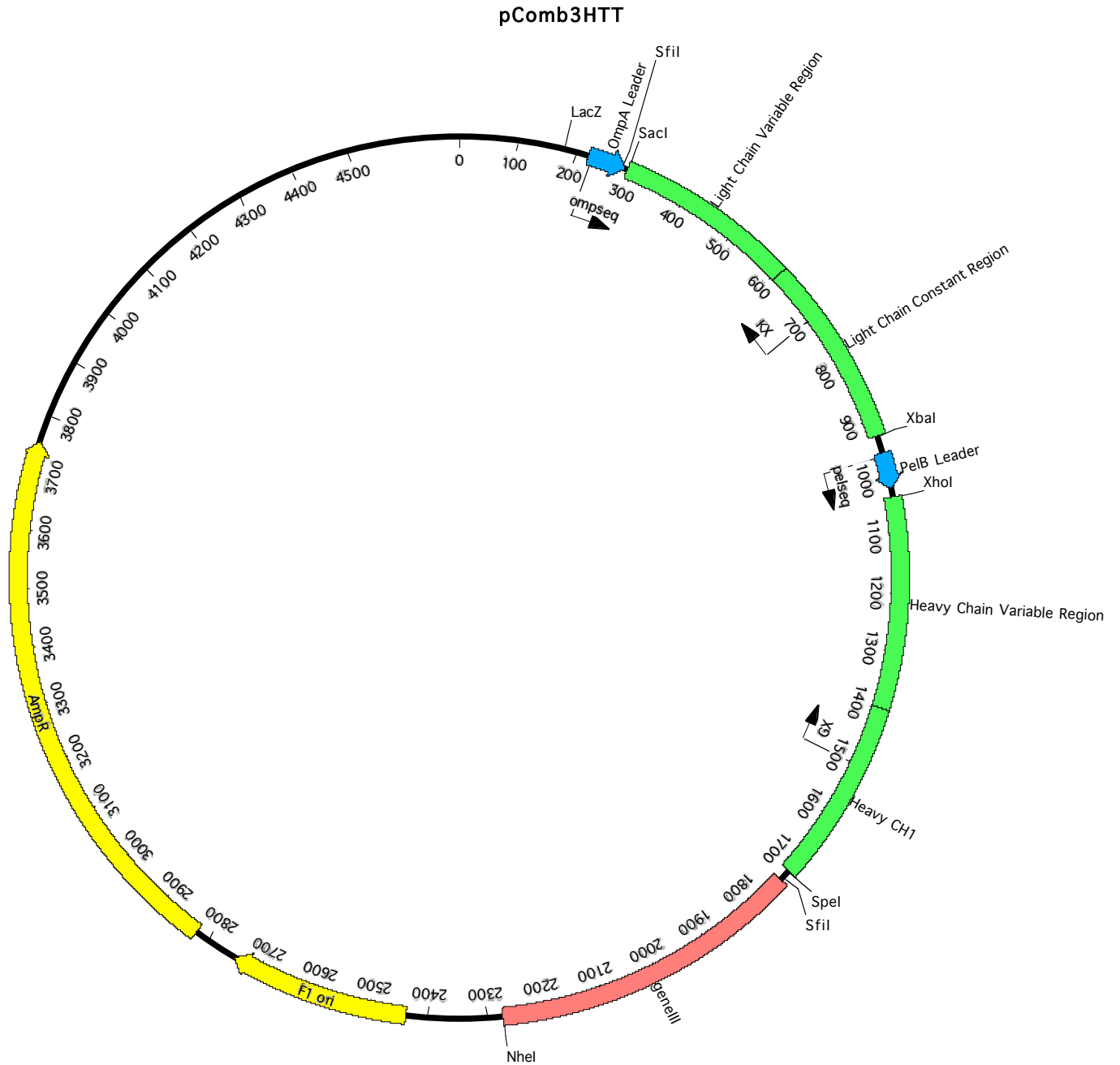
pComb3HSS, available for request by MTA

Contains nonsense SS stuffer in light chain and heavy chain cloning regions

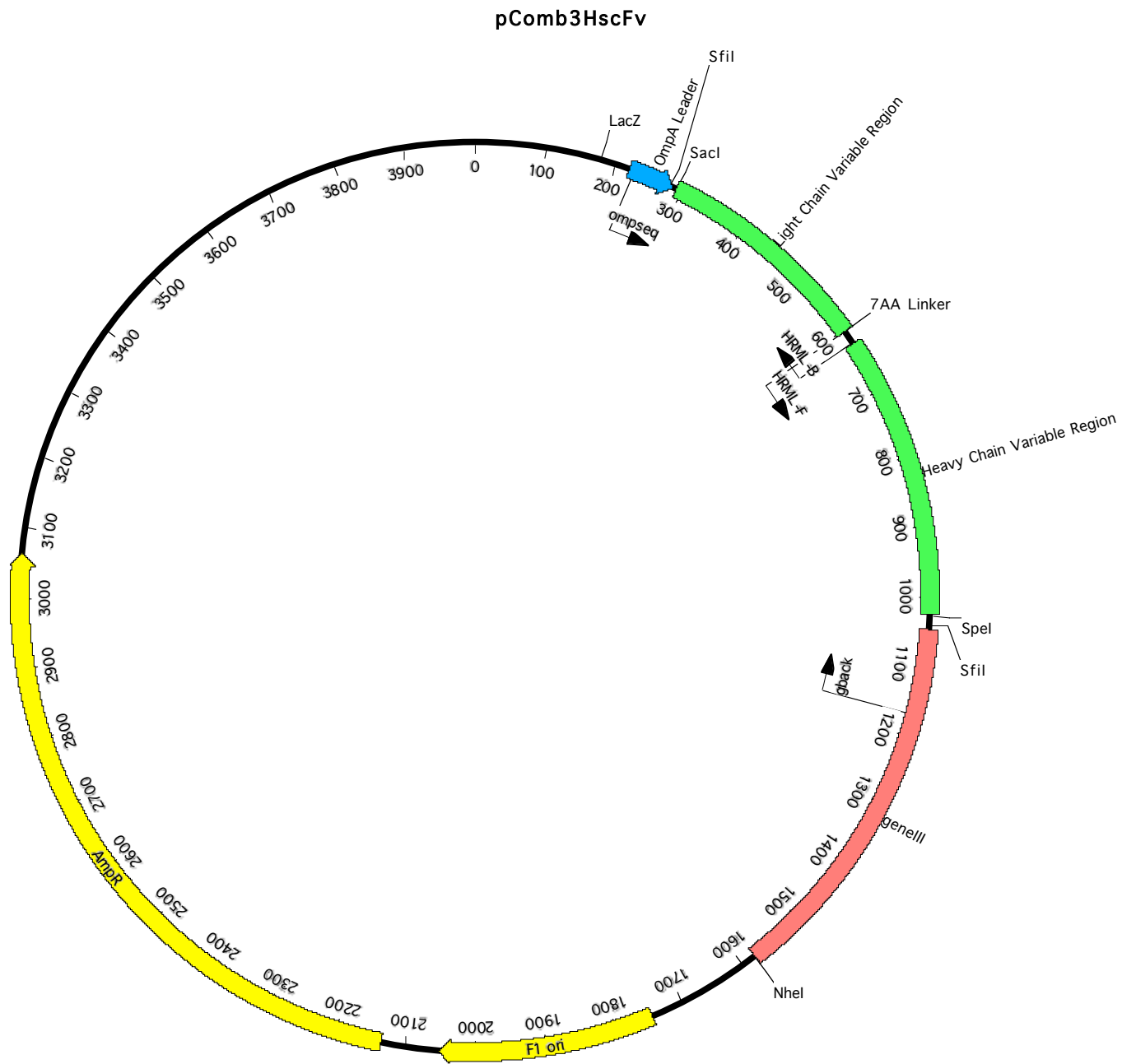
Refer to Protocols 9.1-9.9 in Phage Display: A Laboratory Manual for detail on use



pComb3HTT, available for request by MTA
Contains human Fab to Tetanus Toxin
Can be used for cloning or as positive Fab expression control



pComb3HscFv Map just to show what vector looks like with scFv cloned in
No scFv is available for request
Note: depicts short linker, long linker is 12 AA



Primers for sequencing Fabs/scFv in pComb3 vectors:

ompseq – sequences from ompA leader region forward through light chain
AAG ACA GCT ATC GCG ATT GCA G

kpel – primes from pelB leader sequence backward through light chain
CGG CTG CCG TAG GCA ATA GGT

KX – can be used with chimeric or human Fab to sequence backward through light chain variable region (primers at beginning of constant region)
GAA GTT ATT CAG CAG GCA CAC

pelseq – primes from pelB leader sequence forward through heavy chain
ACC TAT TGC CTA CGG CAG CCG

gback – primes from geneIII region backward through heavy chain
GCC CCC TTA TTA GCG TTT GCC ATC

dpseq – primes from HA tag (only in pComb3X) back through heavy chain
AGA AGC GTA GTC CGG AAC GTC

GX - can be used with chimeric or human Fab to sequence backward through heavy chain variable region (primers at beginning of constant region)
GGG AAG TAG TCC TTG ACC AGG C

HRML-F – can be used in scFV to sequence forward from the linker through the heavy chain
GGT GGT TCC TCT AGA TCT TCC

HRML-B – can be used in scFV to sequence backward from the linker through the light chain
GGA AGA TCT AGA GGA ACC ACC