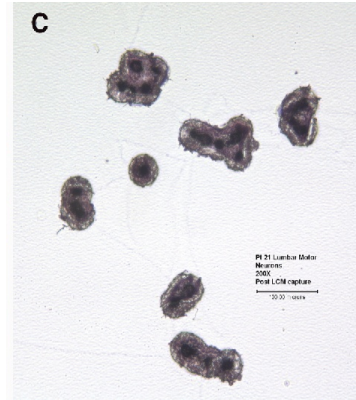
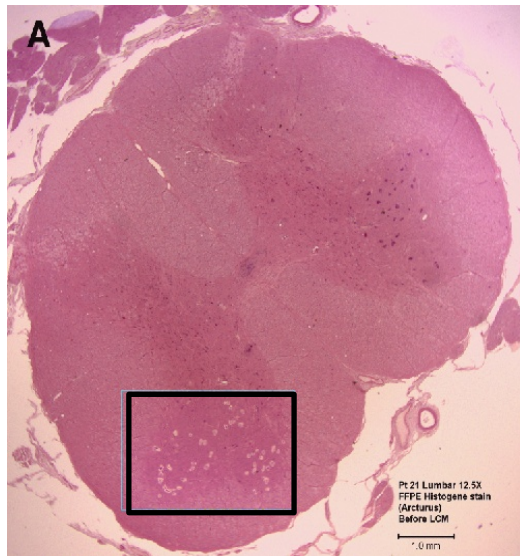
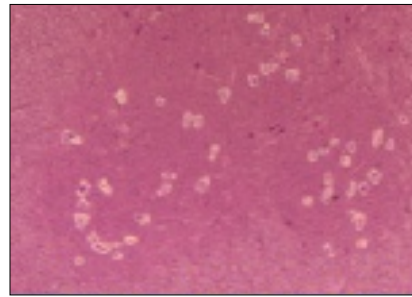
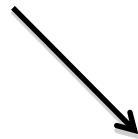


# Compartment-specific in vivo molecular biology



Motor neuron pool

- Gene expression
- Exon splicing
- microRNA
- RNAseq
- etc



Microenvironment (anterior horn) pool

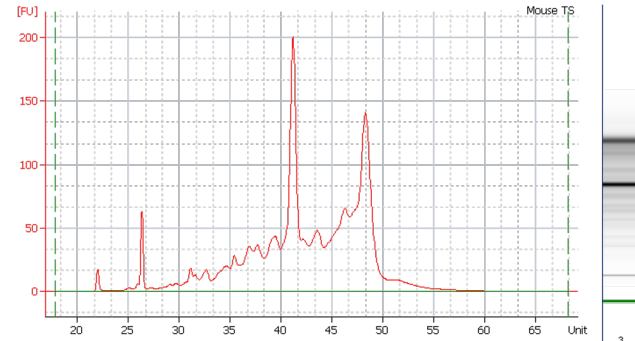
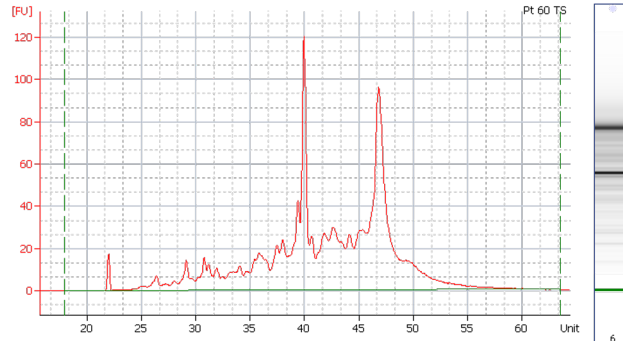
- Gene expression
- Exon splicing
- microRNA
- RNA seq
- etc

# RNA Quality Assurance

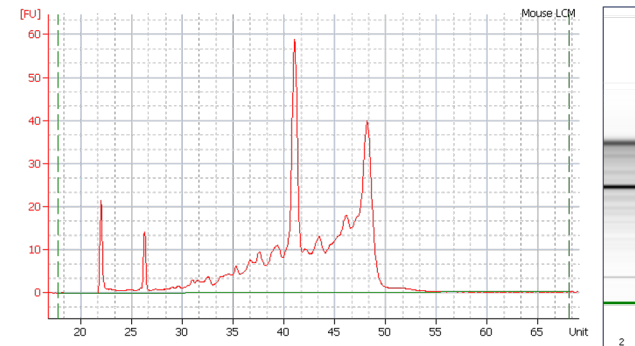
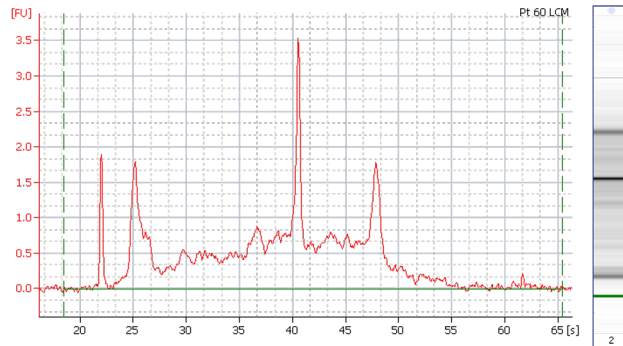
## Human

## Mouse

Before  
LCM



After  
LCM



Amplified  
mRNA

