How do I find the 3’ UTR sequence for my gene of interest?

START HERE:

http://genome.ucsc.edu/cgi-bin/hgNear?org=Human&db=hg18&hgsid=160960414

This will take you to UCSC’s BLAT genome browser.

Next, click on Gene Sorter
Now, type in your gene of interest’s name – this example shows “Slc7a1”.

Search Results, click on the exact gene you want to find the 3’UTR for:
Under the Description field, click the gene name (highlighted in green):

The official gene information page is now located – scroll down to the 5’UTR and 3’UTR annotation box near bottom of web page.
The 3’ UTR sequence of your Gene awaits:

Highlight and copy/paste the RNA sequence to design primers to clone into the miR-Selection lentivector. Most UTRs can be cloned from genomic DNA samples.

Contact SBI Technical Support if you need more assistance.

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