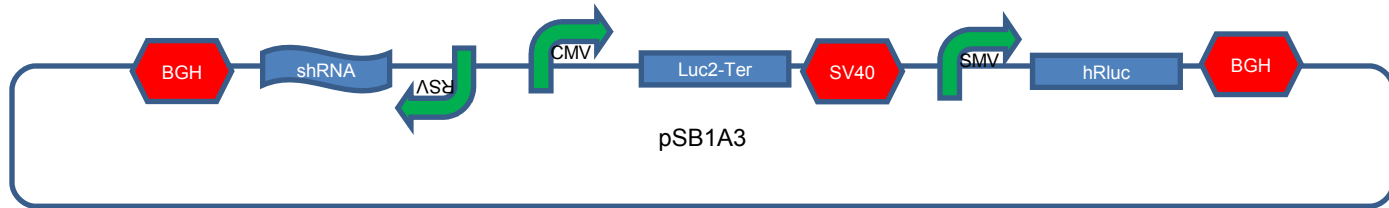


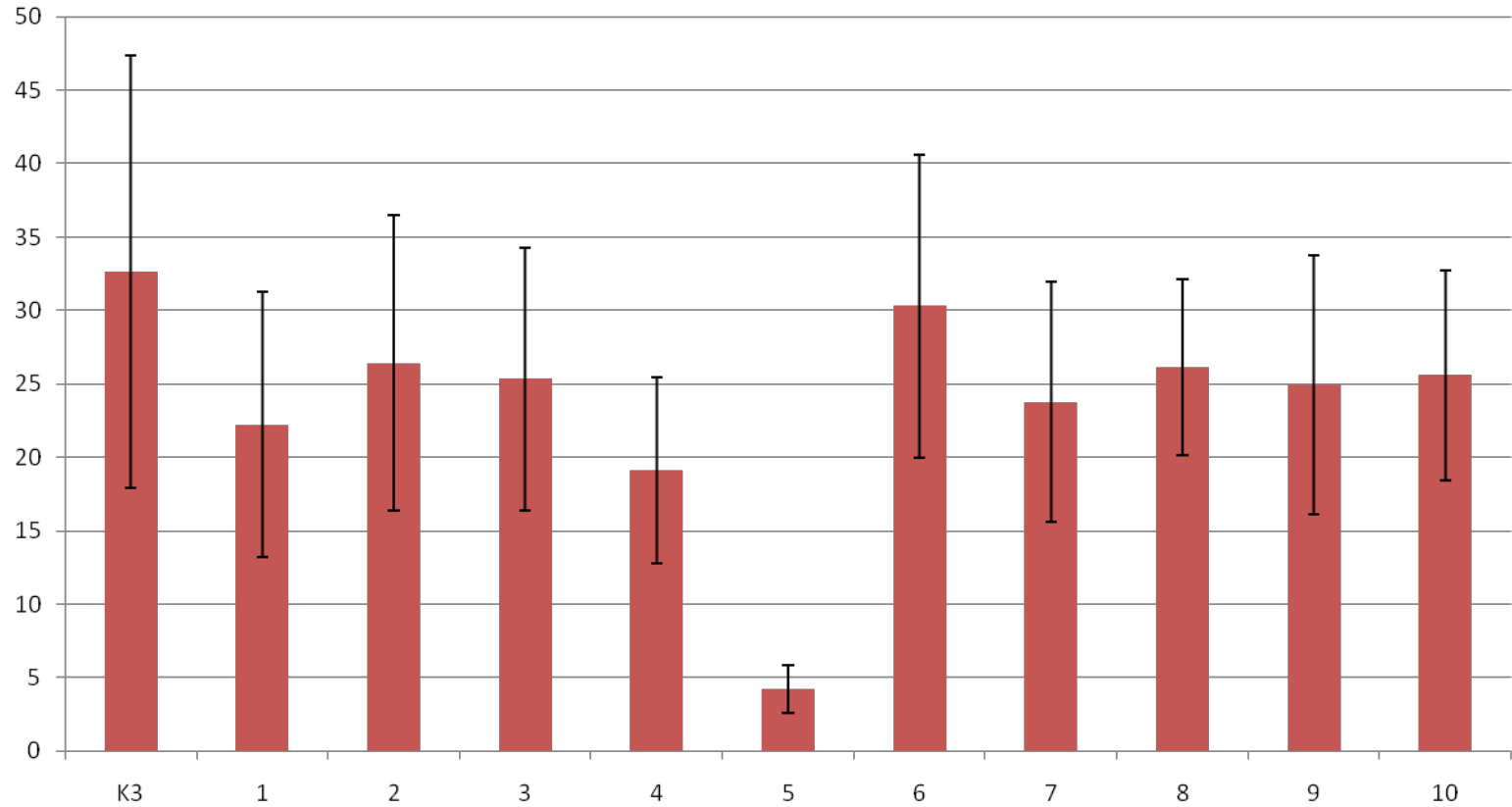
# miTuner Standard Kit



## Status Quo:

- 2 Constructs containing shRNA10 and binding sites for shRNA10 ready
- First measurement attempt done on monday

# Work Ongoing



K3 ... control without any binding site

1, 2 ... perfect binding sites

3-10 ... imperfect binding sites

# Measurment: possible problems

- shRNA not working?
- Overtransfection of cells (50 ng/well used)
- Cells didn't grow nicely on plates (coting problem?)
- Measurment is about to be repeated tomorrow

# Cloning: Status Quo

- shRNA6 and 7 cloned into the tuning constructs
- Were cloned (cloning needs to be repeated, due to few colonies); for 1 construct screening is about to be performed today
- Sequencing of 5 binding sites by GATC was not successful since yesterday (bad sequencing quality/sequencing overlays); will be repeated using a different primer
- hAAT (therapeutic gene) was cloned into tuning construct; screening will also be done by tonight

# shRNA: Backup Strategy

- Two more micro-RNAs (anti-hAAT and anti-Fluc) will be cloned
- Binding sites are ordered (arrive hopefully on Wednesday or Thursday)
- Binding sites could be cloned in till Saturday; first measurement results would then be obtained by Sunday or Monday