**PRIMER ORDER FORM**

**(You send to me by email, do not need to print)**

**1 - DATE**: (*I* *will add when I send the order*) **2 -** **REQUESTED BY:** (your name)

**3 - OLIGO NUMBER**: (*I will pick the number*)

**4 - OLIGO NAME**: Model: SEQpCS3Spy1(D123A)For

**A.**

* SEQ→ if the primer is for sequencing
* SDM→if the primer is for site directed mutagenesis
* shRNA→if the primer is for shRNA..( this should include the species that it was made against)

Model: shRNA**hum**pLKO1TSC2For or shRNA**mou**pLKO1TSC2For

* LK→if the primer is for making a linker

**B.**

* Vector name: pCS3, pCMV.....

**C.**

* Gene name: Spy1, TSC2.....

**D.**

* Change or domain to be sequenced: D123A, NLS.....

**E.**

* Forward or Reverse

**5 – OLIGO SEQUENCE (5’⇒3’)**: *I* *will copy these sequences to order*

For - 5’ GCAAACCTTGGCCATCACCGTACCTTACGTACC

Rev – 5’........

**6 – ALIGNMENT SEQUENCE:**

* Highlight the change that is being made

5’ GCAAACCTTGGCCATC**A**CCGTACCTTACGTACC

3’ CGTTTGGAACCGGTAGTGGCATGGAATGCATGG

Tm =

GC% =

Indicate the melting temperature and the GC %

**7 - OLIGO PURPOSE**: The importance of this oligo for your research. If this oligo is being remade, put the old number here. If you copy from an article put the reference here.

**IMPORTANT**

* All the oligos for SDM and linkers **must** have a silent site for screening, this site should be shown in the aligned sequence
* For the shRNA and linkers the restriction sites that needs to go in **must** be shown in the aligned sequence
* From now on I will check all the primers before order them, to be sure that they are OK. You should fill the form and send it to me by email, and set a time that you can show me the vector and the changes that you are making.
* The orders only will go out after I give my OK, or if Lisa tell me that she has already checked it and it is OK.

Thanks,

Elizabeth