**Ordering primers: (Only Thomas can do that)**

<http://www.idtdna.com/Home/Home.aspx>

Click the “Order” tab

Click “Custom DNA Oligos” (Upper middle)

Click “Excel or Txt Paste Entry”

Select format: name, sequence, notes

Then paste your sequences from Notepad, looking like this:

melCG10226 5'locus fwd, AGCCggcgcgccCATTTACGCCAAGCTACACAAGACC

melCG10226 3'locus rvs, AACGcctgcaggCCAAAGAAGAGCGTCCTGAGTTCG

melMdr65 5'locus fwd, AGCCggcgcgccTGGCACTTGCCATATAAGCTAAGCG

melMdr65 3'locus rvs, AACGcctgcaggGTTCTTGGCTCTGGGTAATTAACTCC

gutdef hh ex3 rvs, TACATATTGTATAGGGTATCTGTCTG

gut hh ex3 fwd, GTGAGCAGTGTTCAGAGTCG

Orders over $50 get free shipping, a base costs 25 cents

Click on “Add to Order”

Click “Checkout”

Select “Paper Spec Sheet”, then “Continue”

Purchase order number = BL507684

Click “Submit”

**Reconstituting and diluting primers:**



Primers come as dry pellets. The number underlined in red tells you how many nanomoles of primer you got (here: 25.3 nm)

**Make a primer stock solution: 100 pmol/uL in TE buffer**

 How: add **253 ul TE** in this case, because you have **25.3 nm,** vortex, and store at -20oC

!!! Each primer comes in a different amount of nanomoles.

**Make primer working solution: 10 pmol/ul in EB buffer**

Add 5 uL stock solution to 45 uL EB buffer (= 5 mM Tris, pH 8.0), vortex, and store at 4 oC