Kate,  
  
  
Gene At5g25760 (Ubiquitin Congugating enzyme 21) UBC21  
  
Forward primer [TCTCTCTCTCTCTCTCTCGCTCTC](about:blank" \t "blackhole)  
Reverse Primer [TGATGCCTGCATCTCTAATTTCCC](about:blank" \t "blackhole)

Tubes and extra clear caps for qPCR link below:  
  
<http://www.fishersci.com/ecomm/servlet/fsproductdetail_10652_1304763__-1_0>  
  
Master Mix for qPCR per reaction:

9.5l H2O   
1.0l Forward Primer

1.0l Reverse Primer  
1.0l cDNA  
**12.5l Total Mix** **Add 12.5ml SYBR Green in dark (Light sensitive) for a total**

**of 25ml in each tube.   
  
Make separate master mix with primers for the house keeping gene.   
  
Cycle:**10 min @ 95C  
30sec 95C  
1 min @60C repeat sets 2 and 3(40x)