Quantitative inheritance is a key aspect of phenotypic expression in plants. A combination of genetic and molecular genetic experiments have recently culminated in the cloning of a number of genes that affect traits that are expressed quantitatively. I have created links to papers describing six of these experiments in the Homework section of the class WWW site. You are to select one of these papers and use it as the source paper for a review that describes the particular gene. You will certainly need to obtain additional articles to complete this assignment. The specifics of the review are:

1. 1.5 – 2.0 pages in length
2. Standard format for line and paragraph spacing and margins.
3. Separate cover sheet and reference page. The references must use a standard format used in a refereed journal.
4. The body of the review should:
   a. detail the importance of the trait
   b. describe the original genetic experiments (with supporting experimental data) that originally defined the location of the QTL
   c. discuss subsequent fine-structure mapping experiments that refined the genetic and physical location of the QTL
   d. describe how the gene was cloned
   e. discuss the experiments that proved the putative gene was indeed the gene
   f. describe the function of the gene