

## **The Genetics of Diabetes: Assignments**

Questions for discussion in class:

- 1) Explain how the investigators came to define allele x?
- 2) The investigators reject both dominant and recessive inheritance for diabetes risk due to allele x – what would you expect to see if the inheritance were a) dominant or b) recessive?
- 3) What important elements does the paper report on for establishing a genetic mutation as having a role in a disease?
- 4) If diabetes is caused by genes why should I bother to exercise/eat healthily?