

**Answer Key**

Welcome to Designer Genes, 2005, version 1.0.75. 2bq. Please PRINT all the requested information. All answers to questions must be placed on the answer sheet. **For multiple choice and matching answers, place only the letter of the correct answer on the answer sheet. Use only capital letters!!!!** If you record anything other than the letter, you will receive no points. All questions are worth one point.

Participant names: \_\_\_\_\_

- |                                      |   |                            |
|--------------------------------------|---|----------------------------|
| 1. B                                 | 23. C                                     | 44. 0.82                   |
| 2. A                                 | 24. B                                     | 45. 0.18                   |
| 3. B                                 | 25. A                                     | 46. no                     |
| 4. D                                 | 26. B                                     | 47. Long bristle, red eyes |
| 5. C                                 | 27. A                                     | 48. 0 or none              |
| 6. A                                 | 28. C                                     | 49. 13/16                  |
| 7. A                                 | 29. Male                                  | 50. X-linked               |
| 8. A                                 | 30. 2                                     | 51. 0                      |
| 9. C                                 | 31. 1:2:1 or 1/4:1/2:1/4                  | 52. Dominant               |
| 10. C                                | 32. Genotype                              | 53. Father or male         |
| 11. F                                | 33. Restriction endonuclease or<br>enzyme | 54. B                      |
| 12. E                                | 34. Electrophoresis                       | 55. 1/2                    |
| 13. D                                | 35. Man 1                                 | 56. A                      |
| 14. C                                | 36. C                                     | TOTAL _____ (56)           |
| 15. A                                | 37. 32                                    |                            |
| 16. B                                | 38. 243                                   |                            |
| 17. Down's syndrome                  | 39. 9/16                                  |                            |
| 18. No anomaly <u>or normal male</u> | 40. Dominant                              |                            |
| 19. Klinefelter's                    | 41. 1/4                                   |                            |
| 20. C or A                           | 42. 9/64                                  |                            |
| 21. B                                | 43. 0                                     |                            |
| 22. C or A                           |   |                            |