

Drosophila Genotyping Using PCR – Lab Write-up Rubric

Required Tasks:

| | | | |
|--|----------|--------------------------|---------------|
| Format Followed – 5 pts. | Complete | Incomplete/ not accurate | _____ |
| Purpose Statement – 10 pts | Complete | incomplete/ not accurate | missing _____ |
| Techniques Identified – 10 pts | Complete | incomplete/ not accurate | missing _____ |
| Materials/procedure references – 5 pts | Complete | incomplete/ not accurate | missing _____ |

Part I: Own Gel

| | | | |
|---------------------------------|----------|--------------------------|---------------|
| Data Table 1 – 25 pts | Complete | incomplete/ not accurate | missing _____ |
| Gel diagram – 10 pts | Complete | incomplete/ not accurate | missing _____ |
| Actual Gel Image +5 | Complete | incomplete/ not accurate | missing _____ |
| Data Analysis – 15 points | Complete | incomplete/ not accurate | missing _____ |
| Conclusion Statement -10 points | Complete | incomplete/ not accurate | missing _____ |

Part II: Possible Results Gel

| | | | |
|-----------------------------------|----------|--------------------------|---------------|
| Data Table 2 – 25 pts | Complete | incomplete/ not accurate | missing _____ |
| DNA size determination Bps -10pts | Complete | incomplete/ not accurate | missing _____ |
| Data Analysis – 15 points | Complete | incomplete/ not accurate | missing _____ |
| Study Question Answers -10 pts | Complete | incomplete/ not accurate | missing _____ |
| Conclusion Statement -10 points | Complete | incomplete/ not accurate | missing _____ |

SCORING:

Possible Points = 165

Points 100% = 155

Points earned _____ / 155

Grade: _____