**Workgroup : Evaluation of the experiment results**

**DNA Isolation**

|  |  |  |  |
| --- | --- | --- | --- |
| Jakub Hurt | Picture of the necklace | Samet Teke | Picture of the necklace |

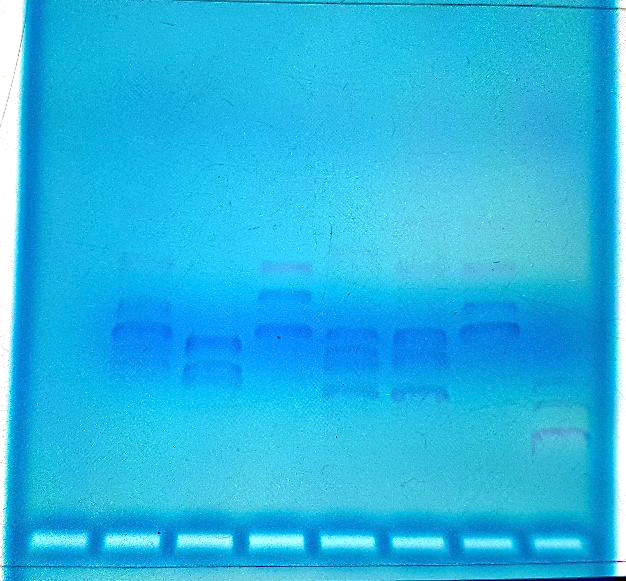
**Genetical fingerprint**

Who’s the murderer? Murderer was SUSPECT 5

Value table for the Lambda DNA Marker

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| fragment length [BP] | 9416 | 6557 | 4361 | 2322 | 2027 |
| Log [BP] | 3.97 | 3.82 | 3.64 | 3.37 | 3.31 |
| Migration distance [cm] | 1.1 | 1.4 | 1.6 | 2.1 | 2.4 |

Picture of your electrophoresis gel:





Fragment lengths of the suspect

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Migration distance [cm] | 2.1 | 2.3 | 2.7 | 3.2 |
| Log [BP] | 3.42 | 3.30 | 3.08 | 2.78 |
| Fragment length [BP] | 2630 | 1995 | 1202 | 603 |