

“Typical” Restriction Digest

- ◆ Add
 - ◇ 1 μL Restriction Enzyme (10 units are sufficient)
 - ◇ 1 μg DNA (~12.5 – 25 μL)
 - ◇ 5 μL CutSmart Buffer
 - ◇ Fill up with ddH₂O to total reaction volume of 50 μL
- ◆ Incubate at 37 °C for 15 to 60 min, with 50 min being optimal
- ◆ Heat inactivation:
 - ◇ 65 °C for 20 min inactivate the majority of restriction enzymes
 - ◇ Some enzymes are inactivated at 80 °C for 20 min