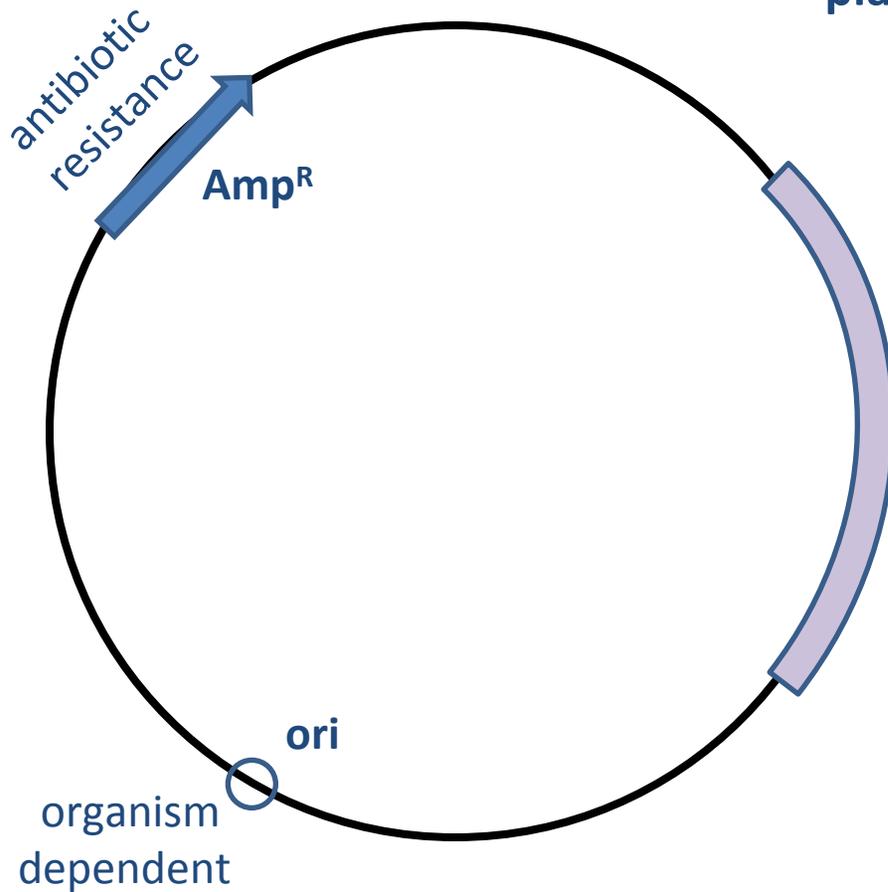


- Announcements
- Quiz
- Pre-lab Lecture
 - ❖ Closer Look at Plasmids
 - ❖ Site-Directed Mutagenesis
 - ❖ Restriction Enzymes Recap
 - ❖ Today in Lab: M2D2

Plasmid Overview

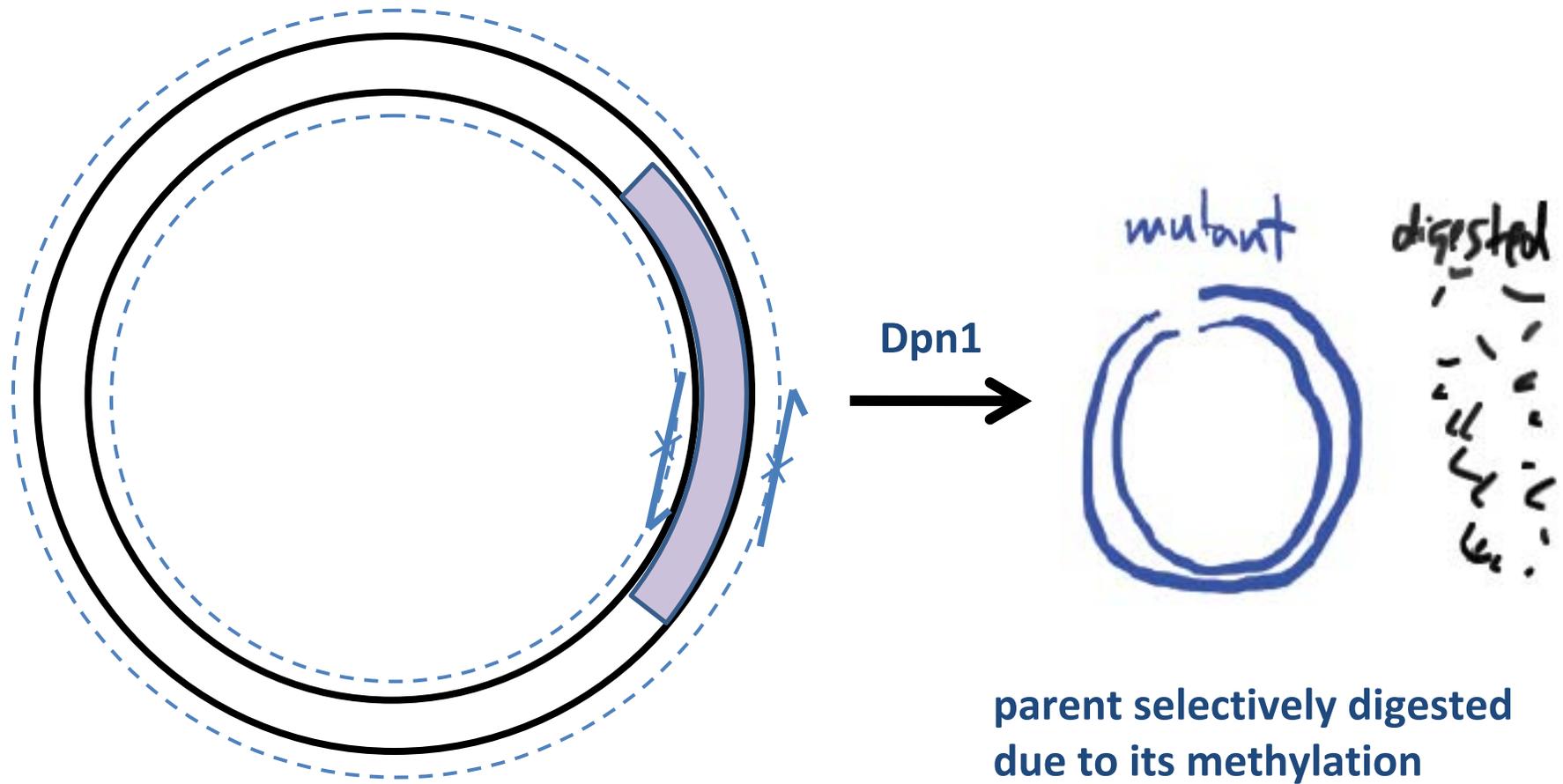


plasmids are circular, ds, extrachromosomal

why? vector to introduce a foreign gene (in an organism)

Ampicillin resistance
→ select bacteria with Amp that have plasmid

SDM Process



Today in Lab

- Prepare primer stock and dilution.
- SDM rxn: careful not to contaminate shared stocks.
- Paper reading period and discussion.
- For next time:
 - Short answer questions

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