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- CPD's

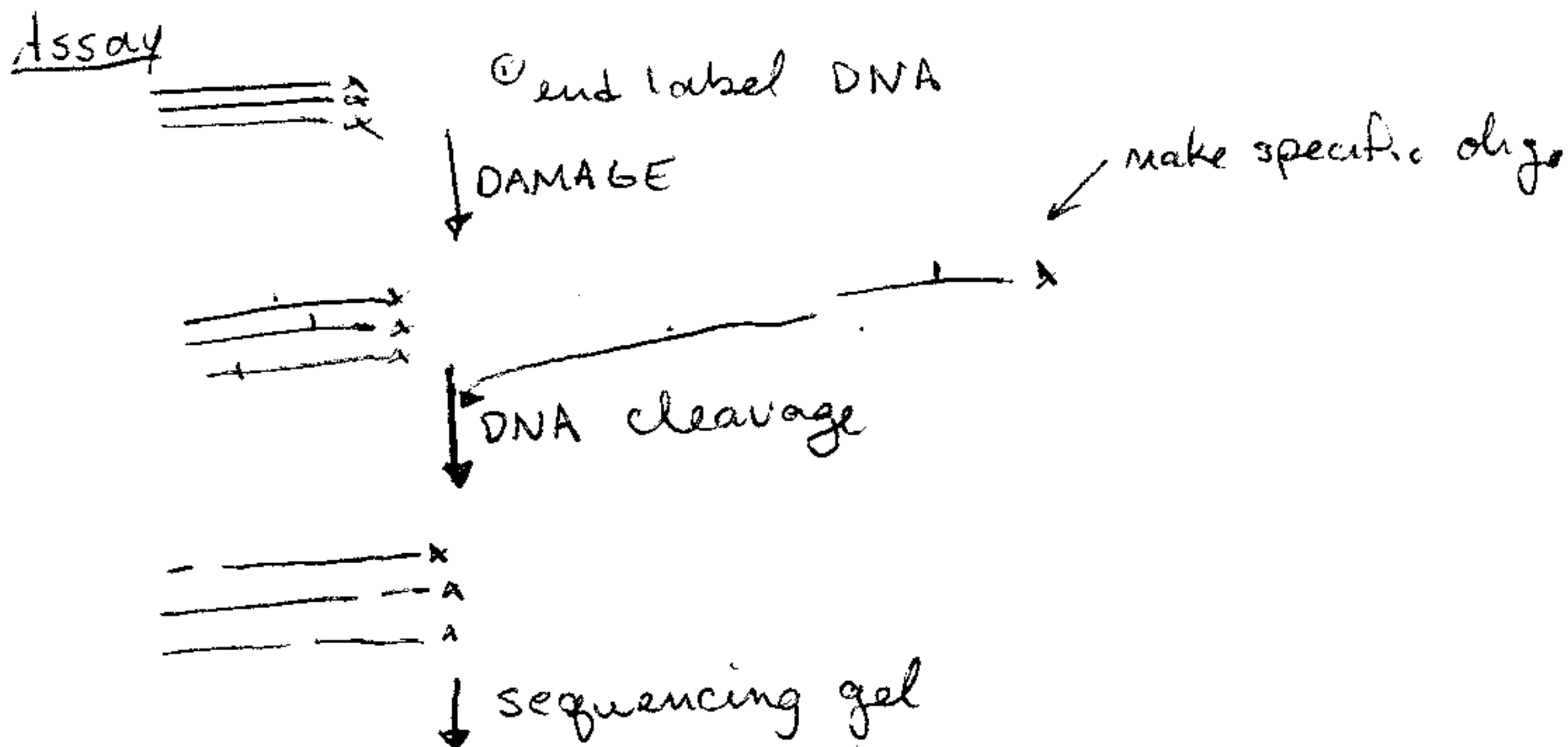
- 6-4's

①

YPDE

- yeast pyrimidine dimer endonuclease

- *S. cerevisiae*



① Detected CPD endonuclease

② Compare w/ ~~T4EV~~ T4EV, APE, Hot Alkali

... most like T4EV for AP sites / AP lyase activity

... showed N-glycosylase activity too

... many other similarities to T4EV

② SPDE / DERE

- cleaves backbone at CPD, 6-4

- but no N-glycosylase activity

(NER mutants in *S. pombe* still remove 6-4's & CPD's)