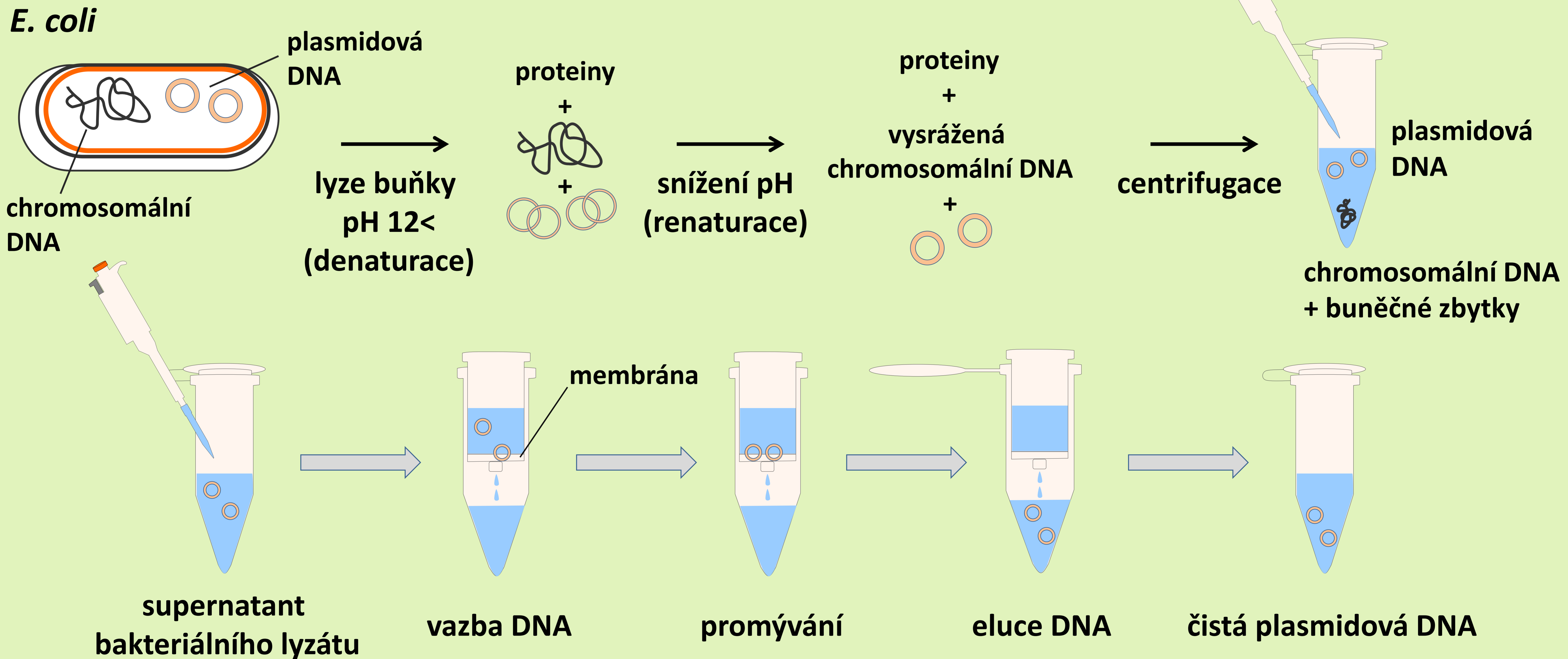
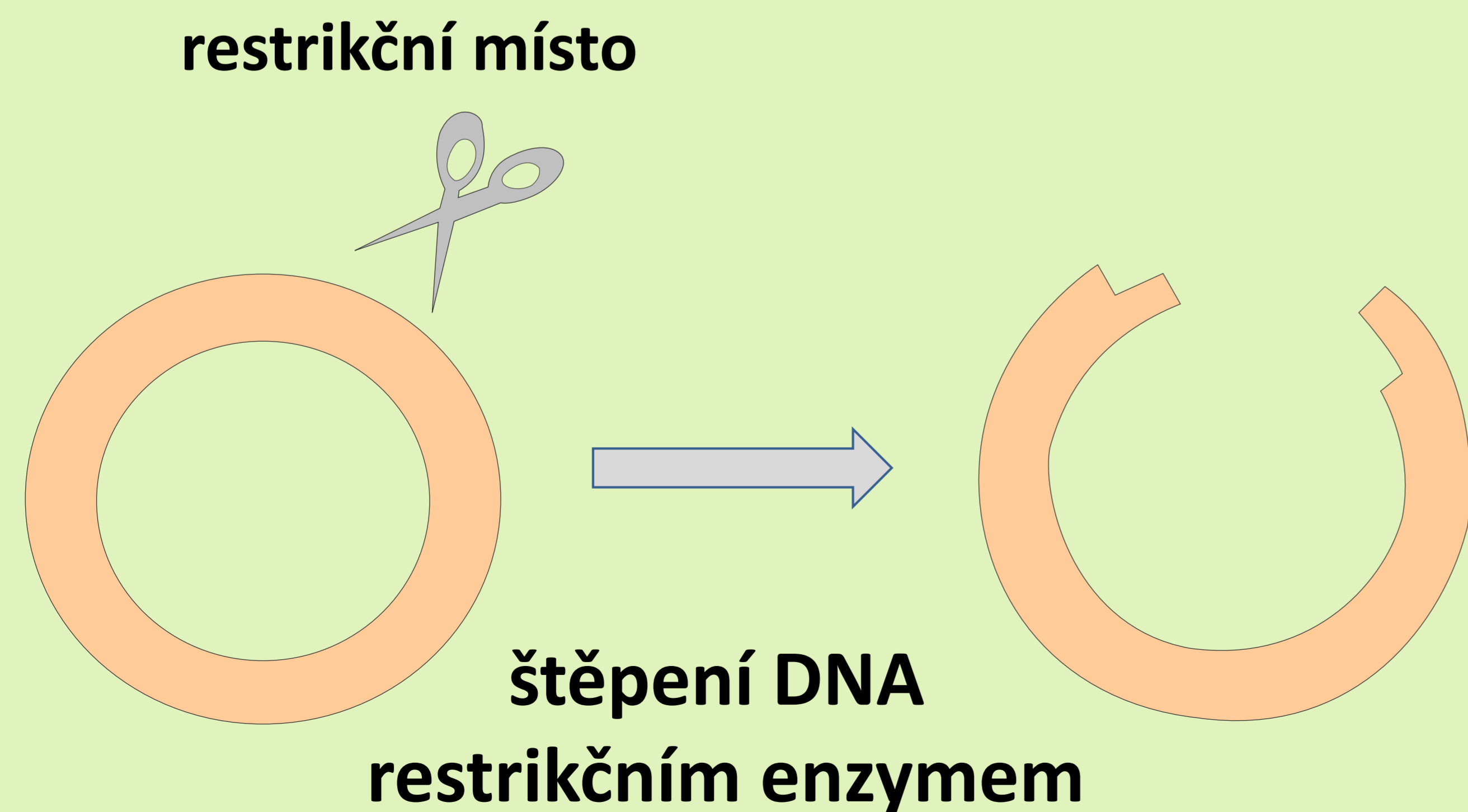


Příprava vektoru

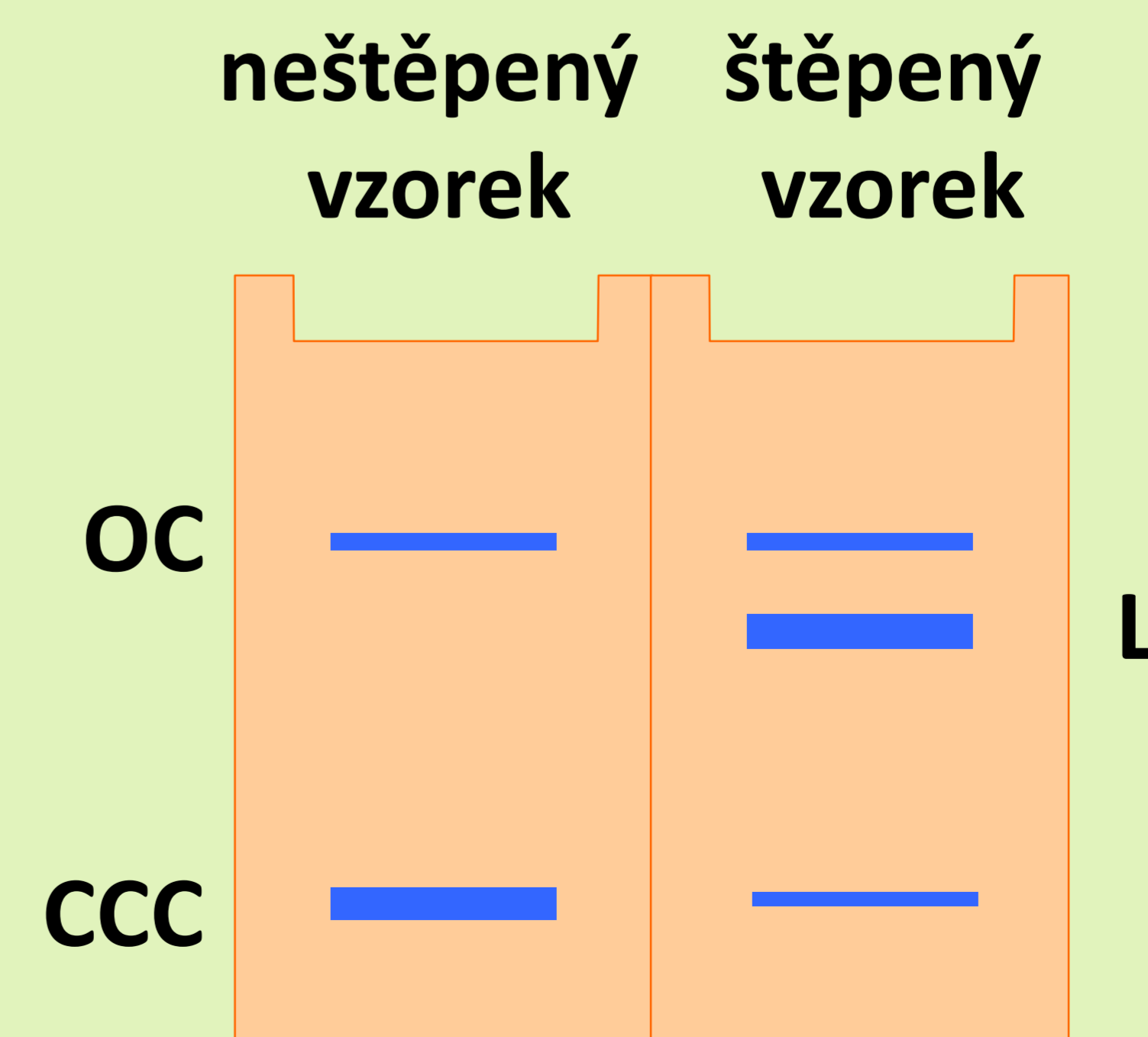
IZOLACE PLASMIDU – ALKALICKÁ LYZE, KOLONKOVÁ IZOLACE DNA



RESTRIKČNÍ ŠTĚPENÍ

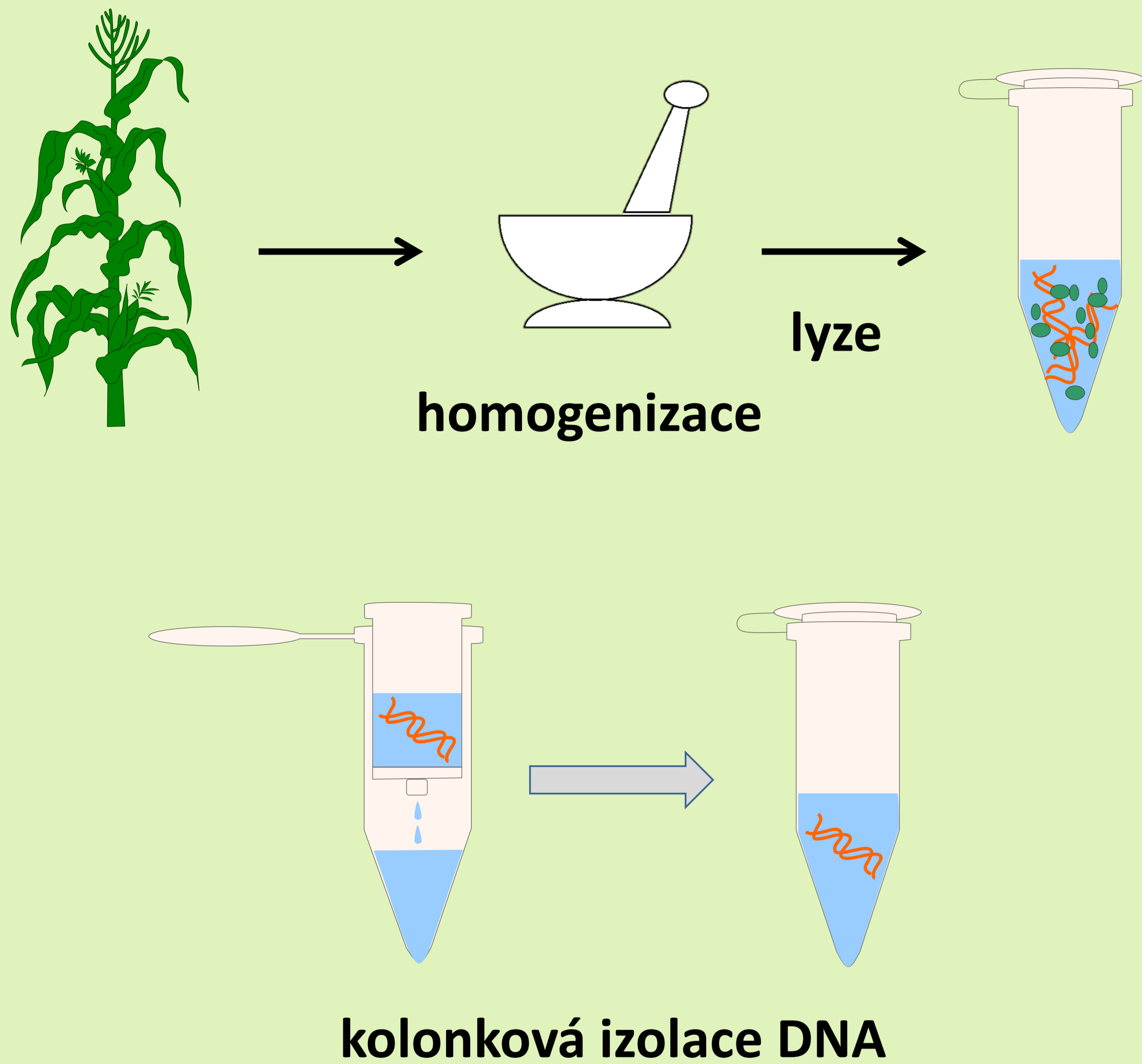


GELOVÁ ELEKTROFORÉZA

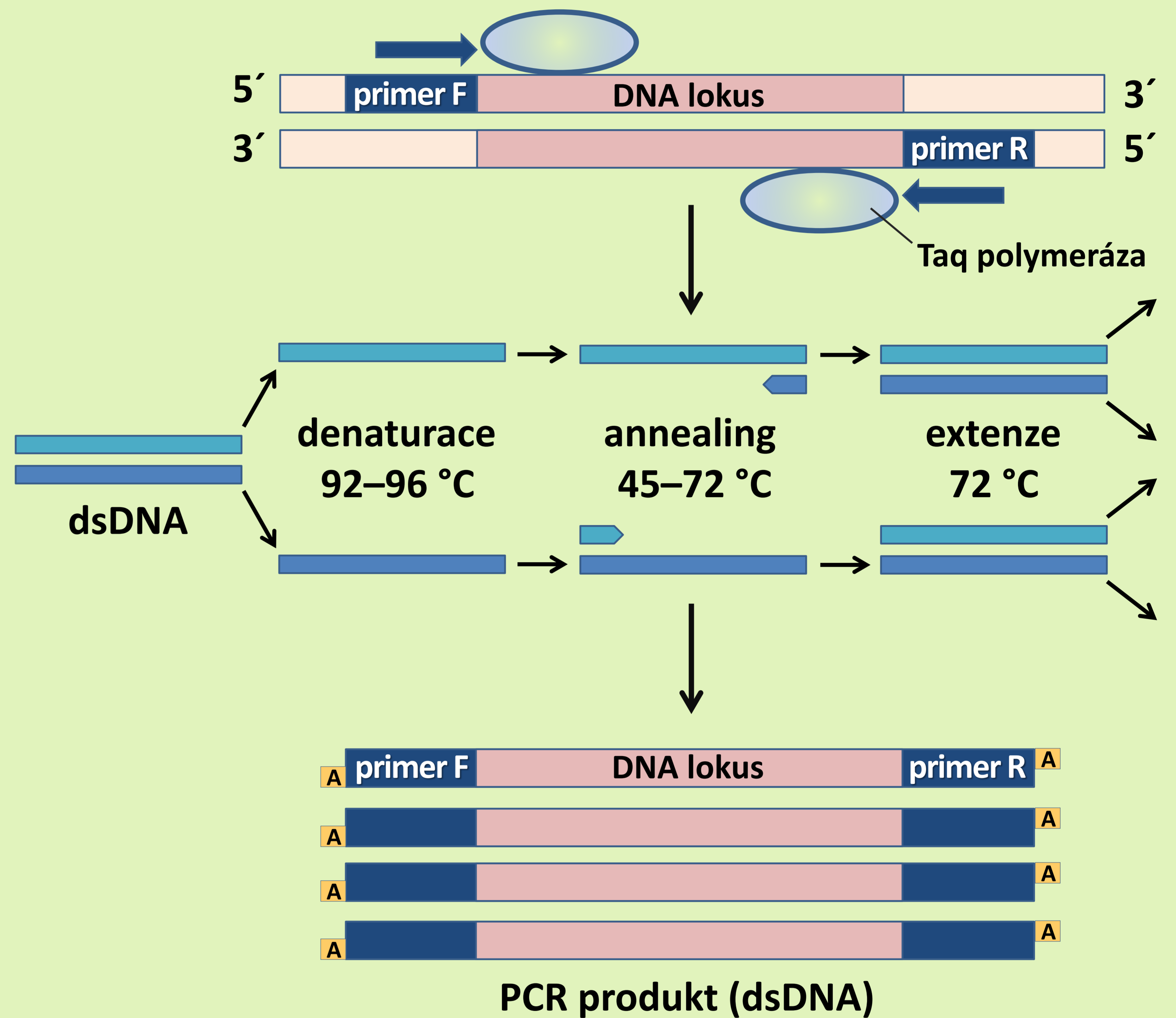


Příprava inzertu

IZOLACE ROSTLINNÉ DNA



PCR – amplifikace DNA

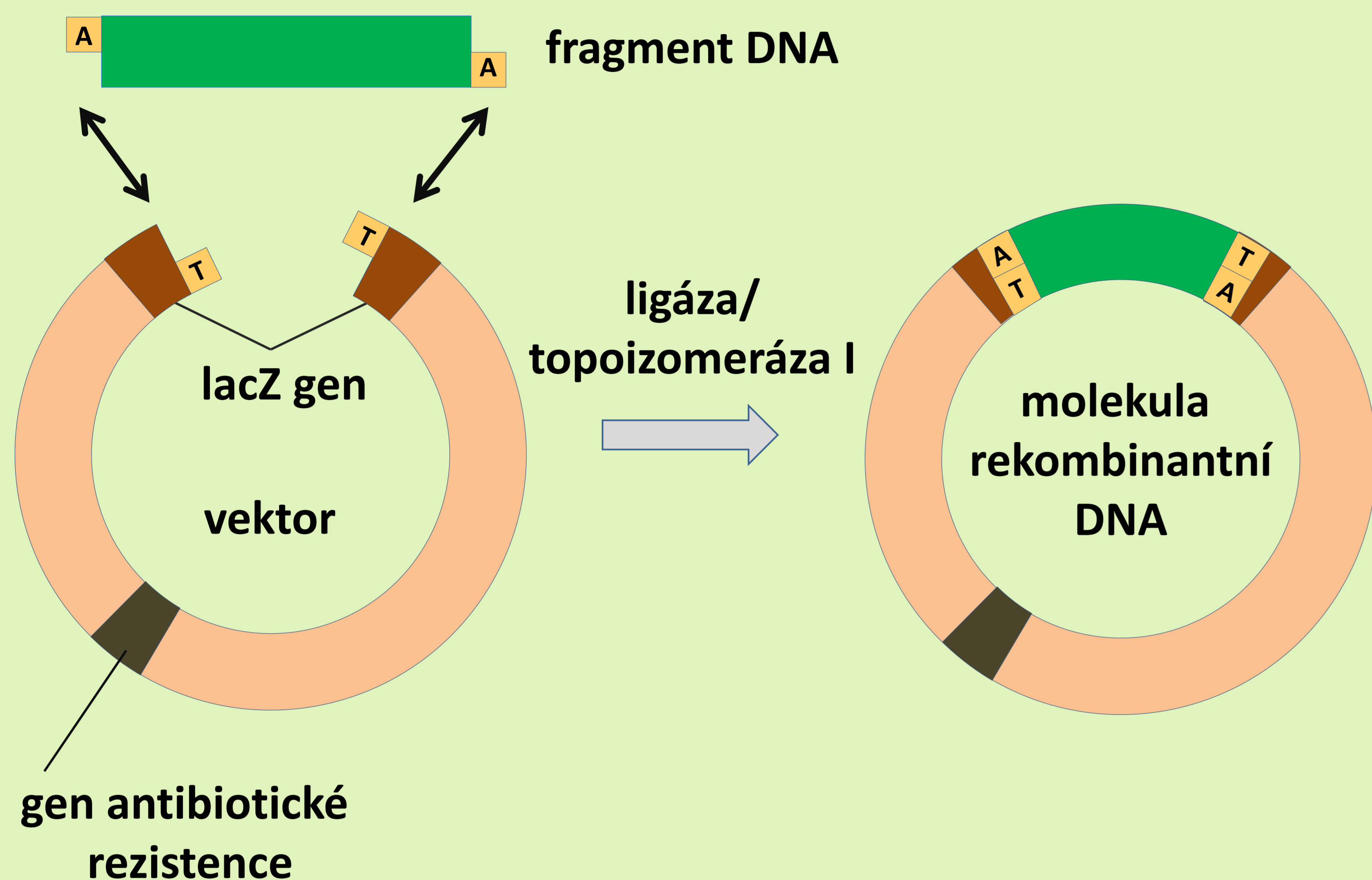


IZOLACE AMPLIKONU Z GELU

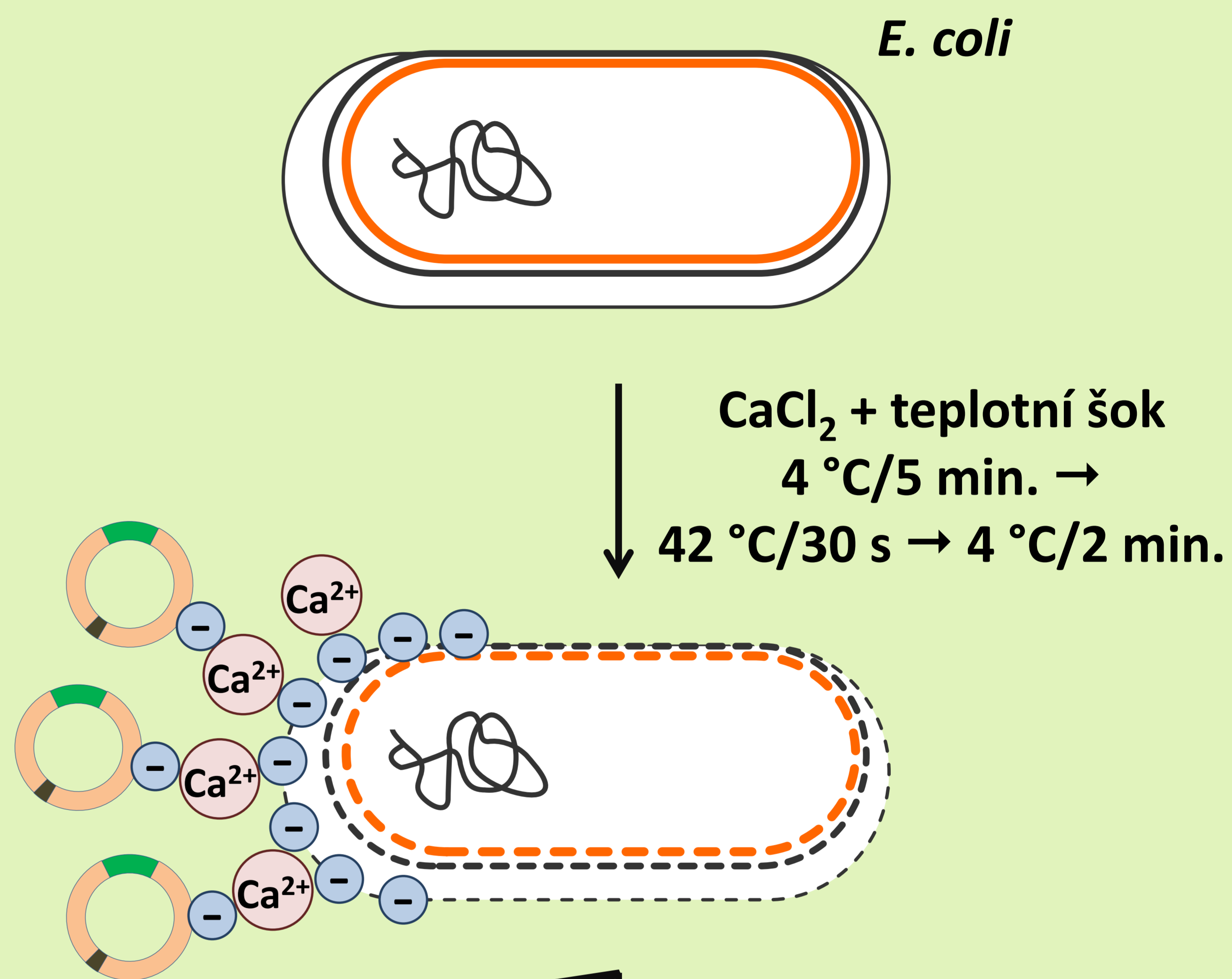


TA klonování a transformace bakterií

LIGACE – TA klonování



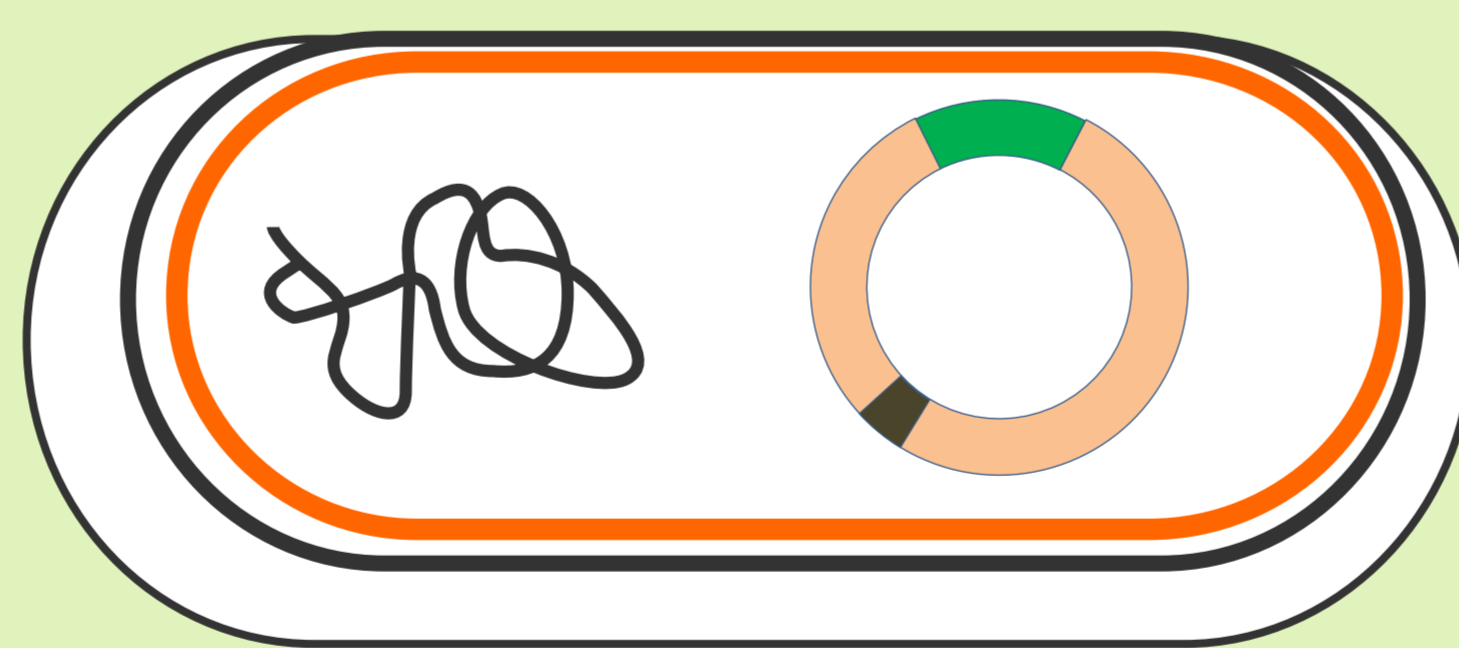
TRANSFORMACE TEPELNÝM ŠOKEM



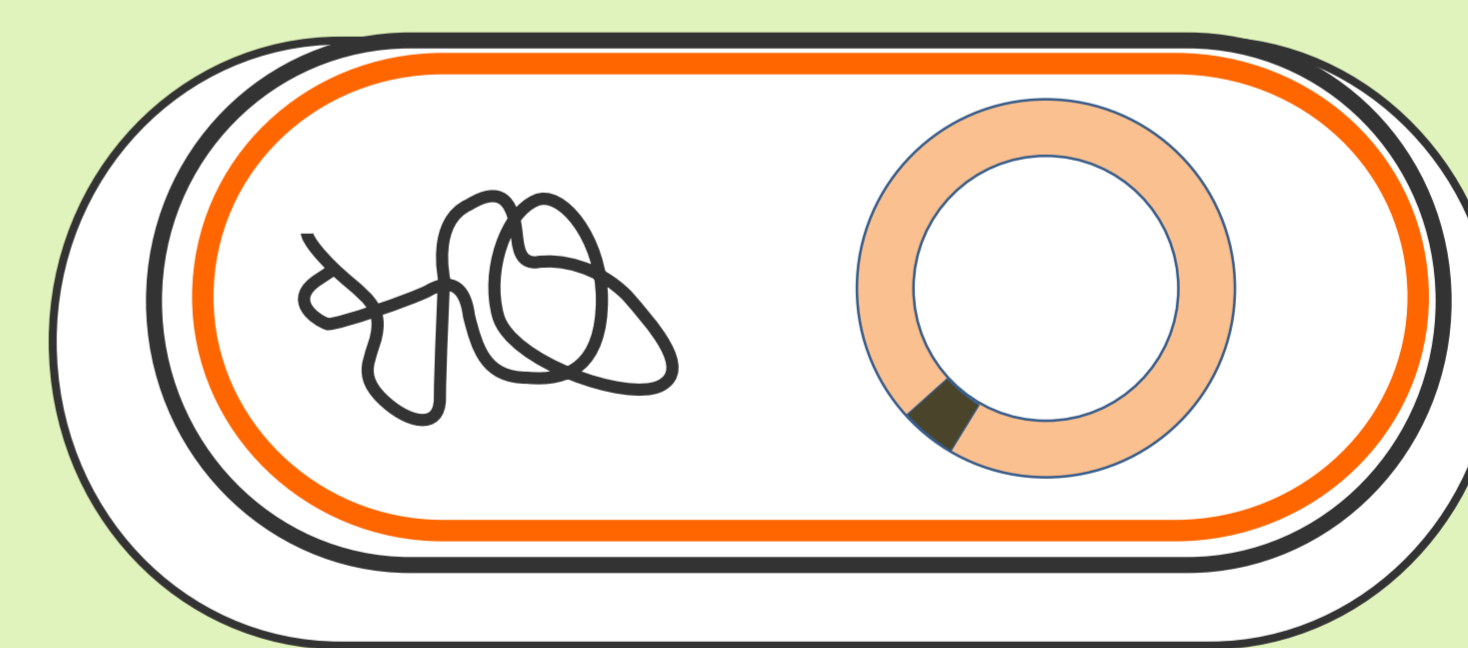
transport plasmidu do hostitelské buňky



neúspěšná transformace

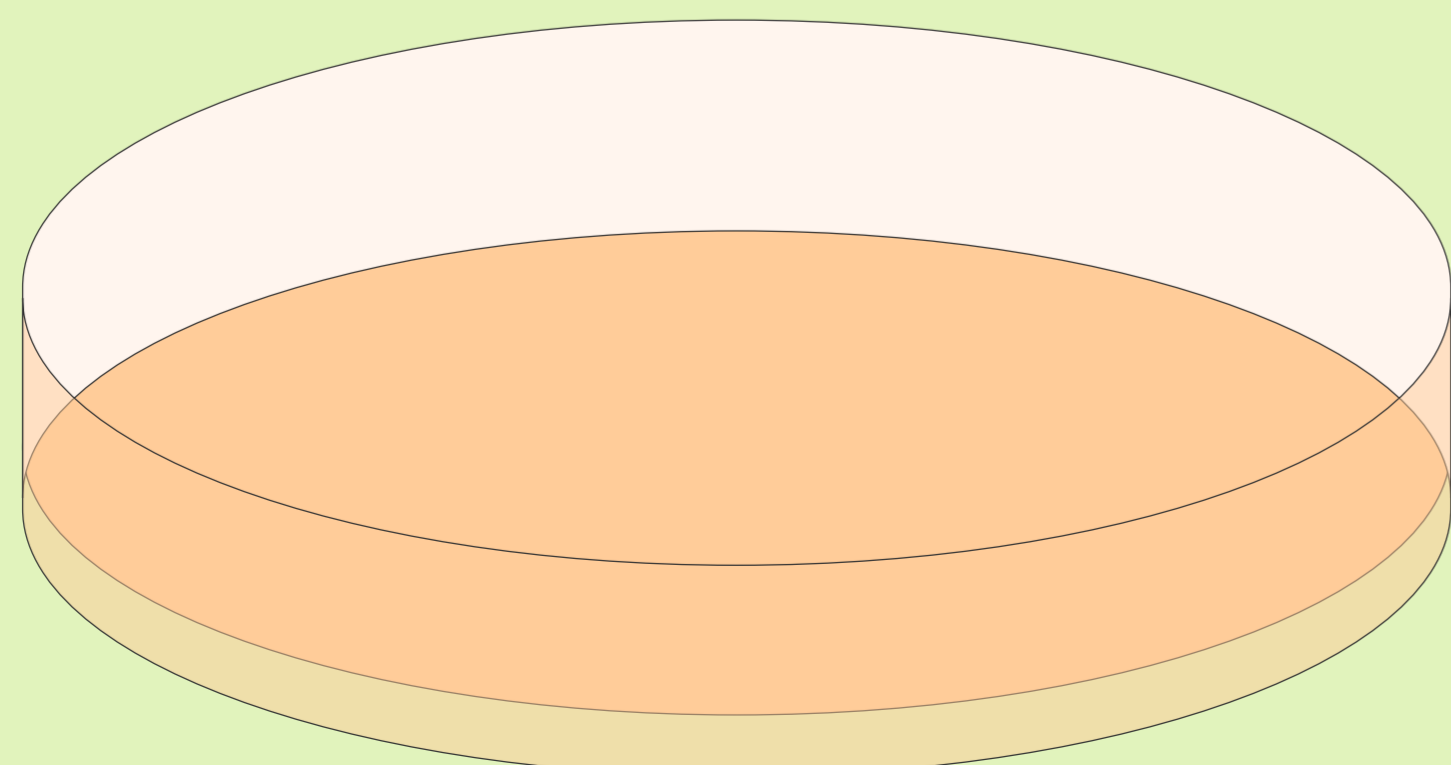


transformace plasmidu s inzertem

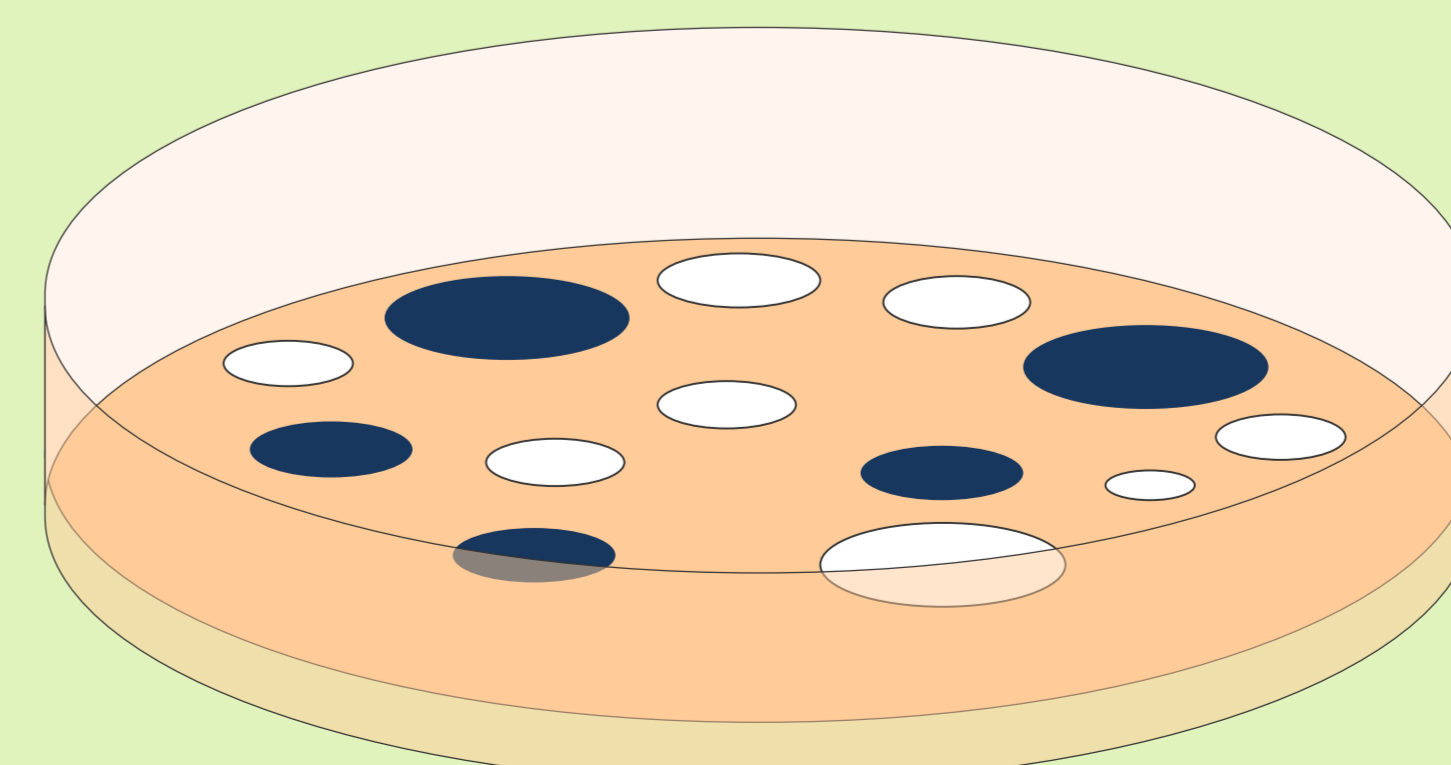


transformace plasmidu bez inzertu

selekce buněk:
růst v přítomnosti antibiotika

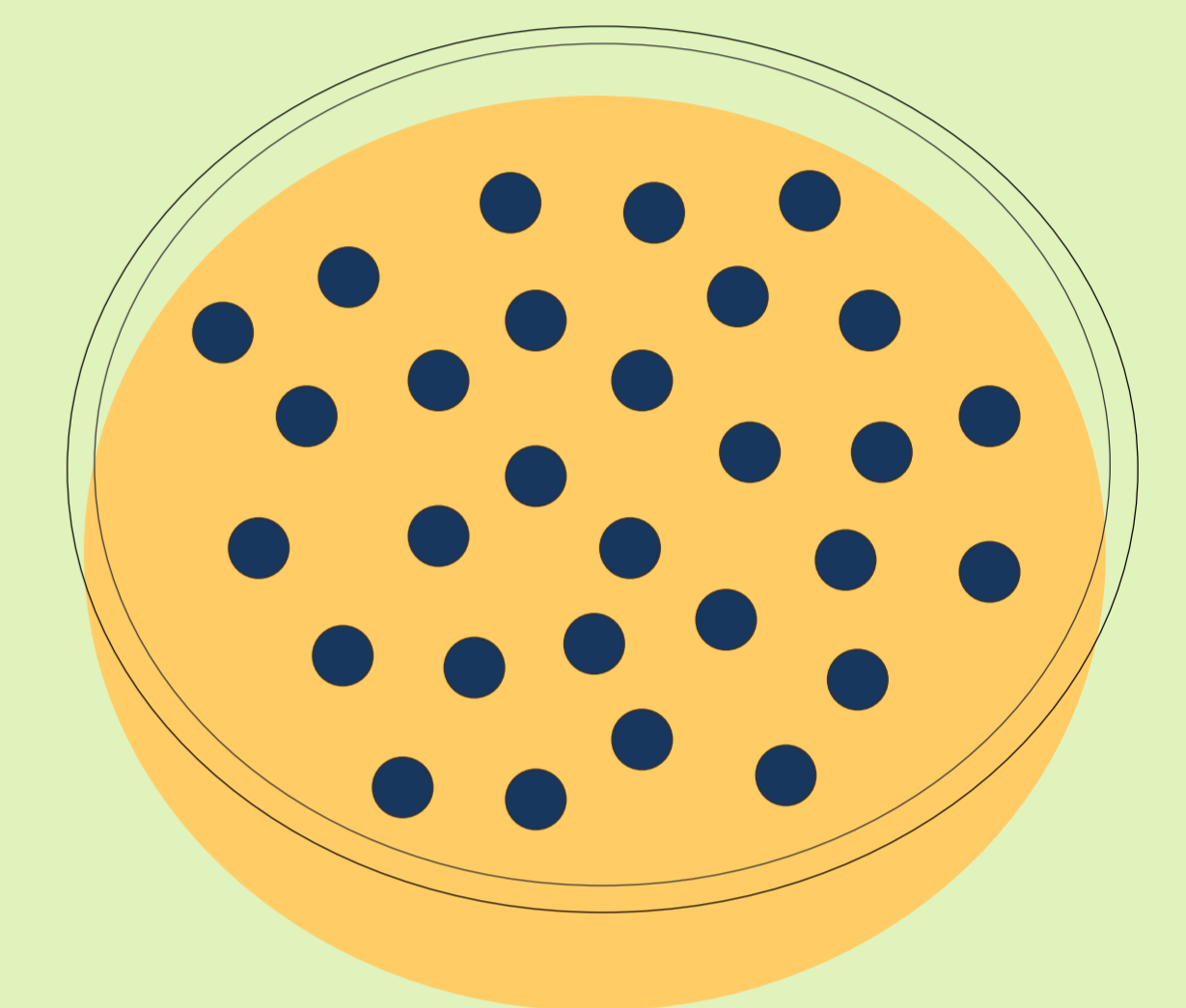
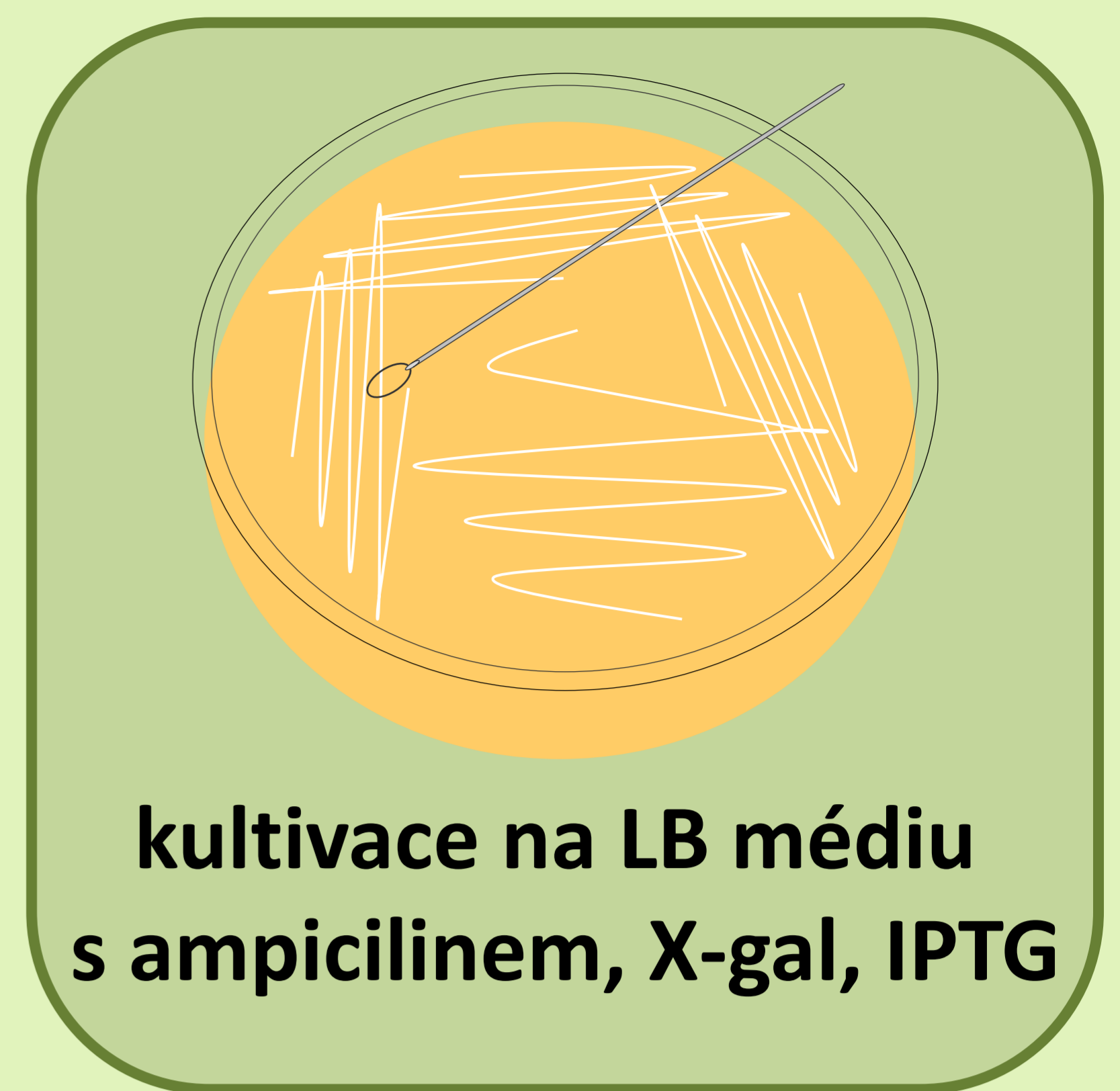
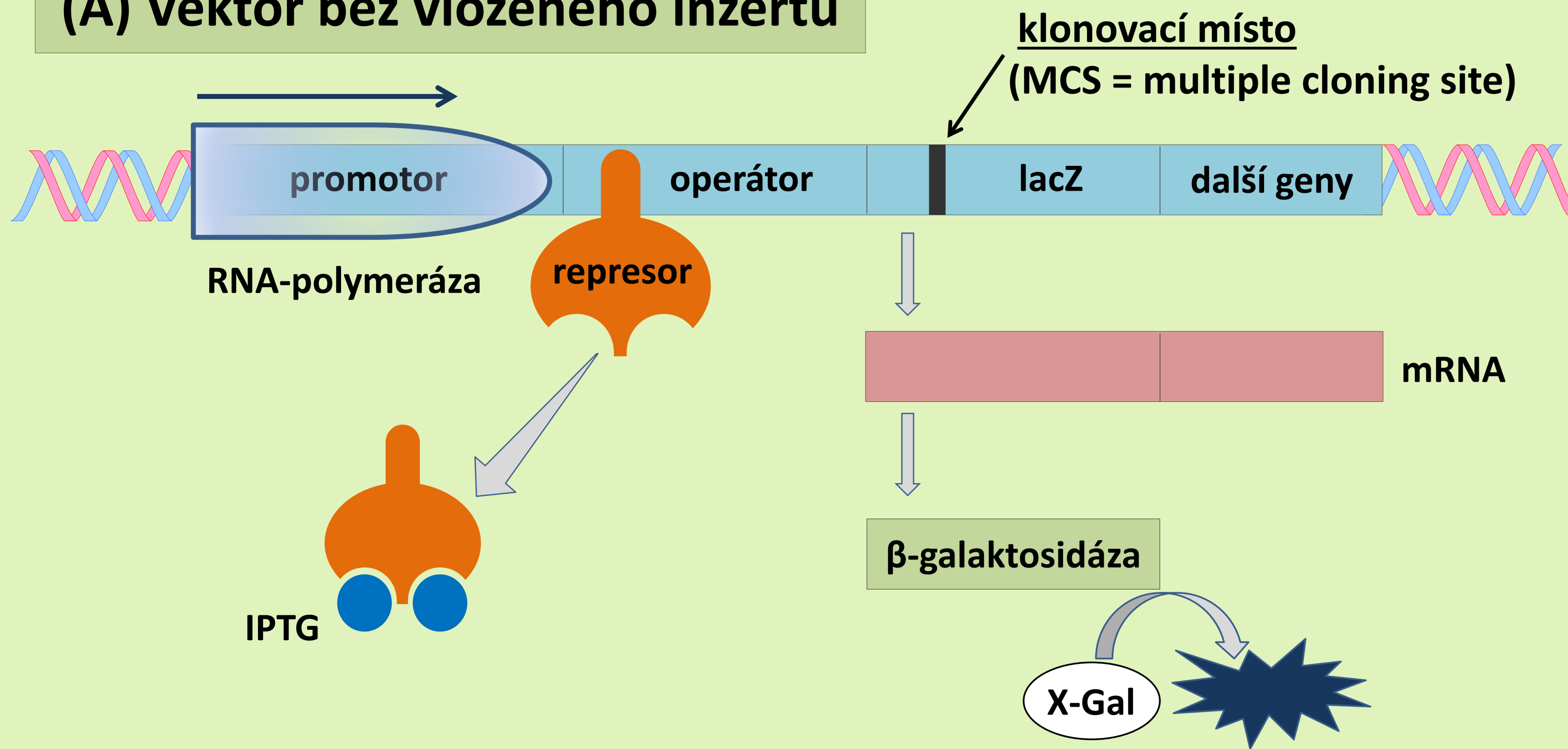


detekce inzertu
na základě modro-bílého testu

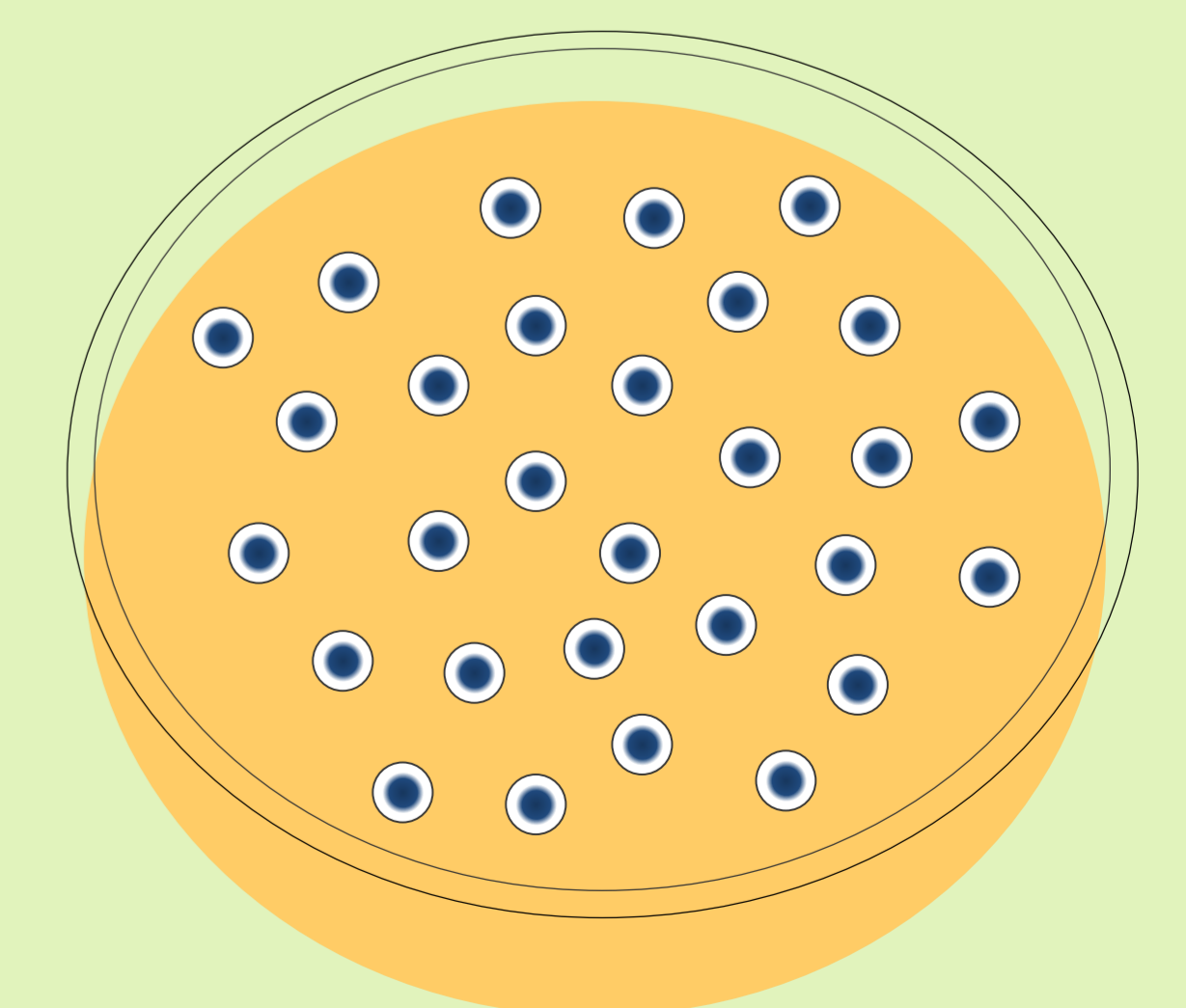
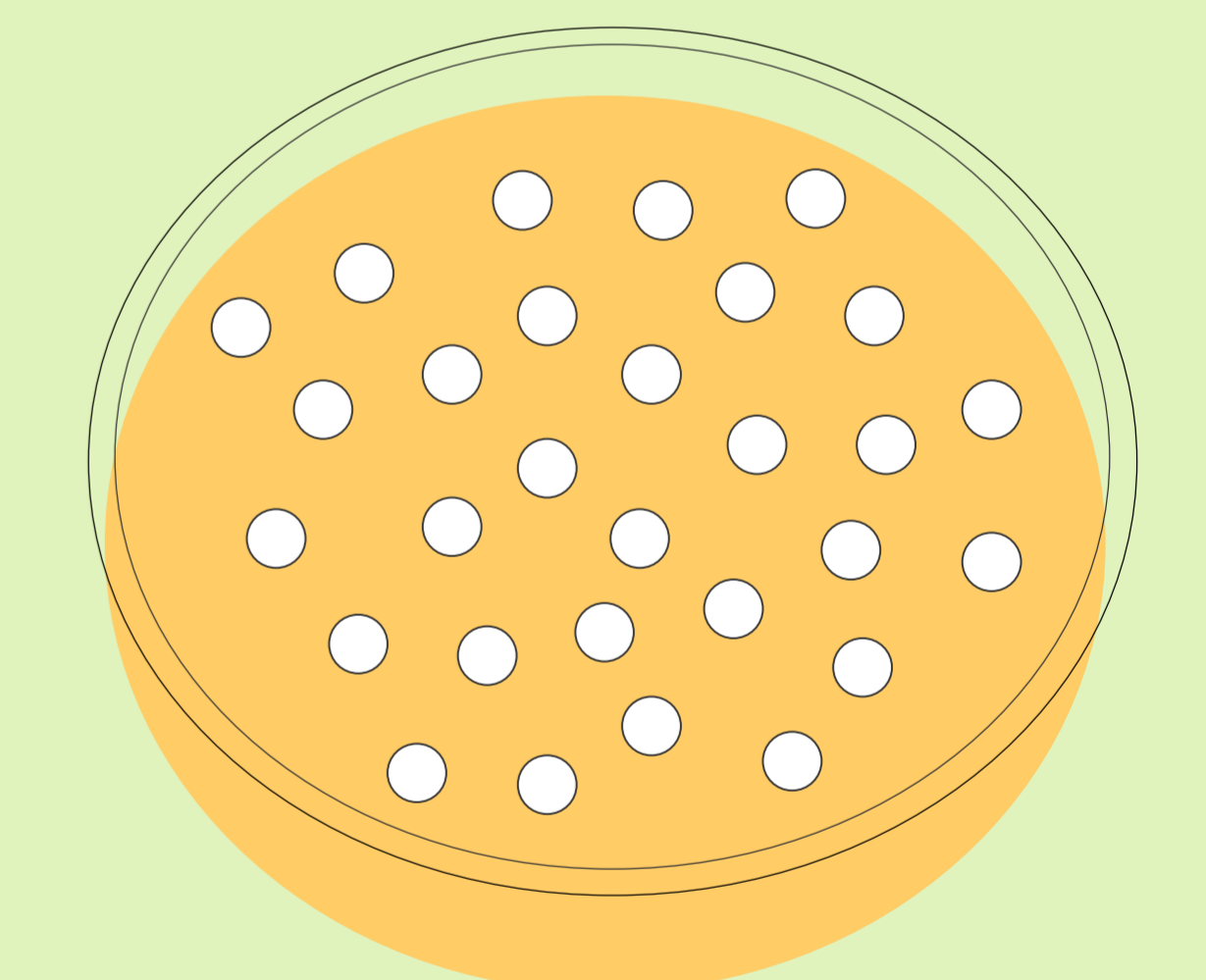
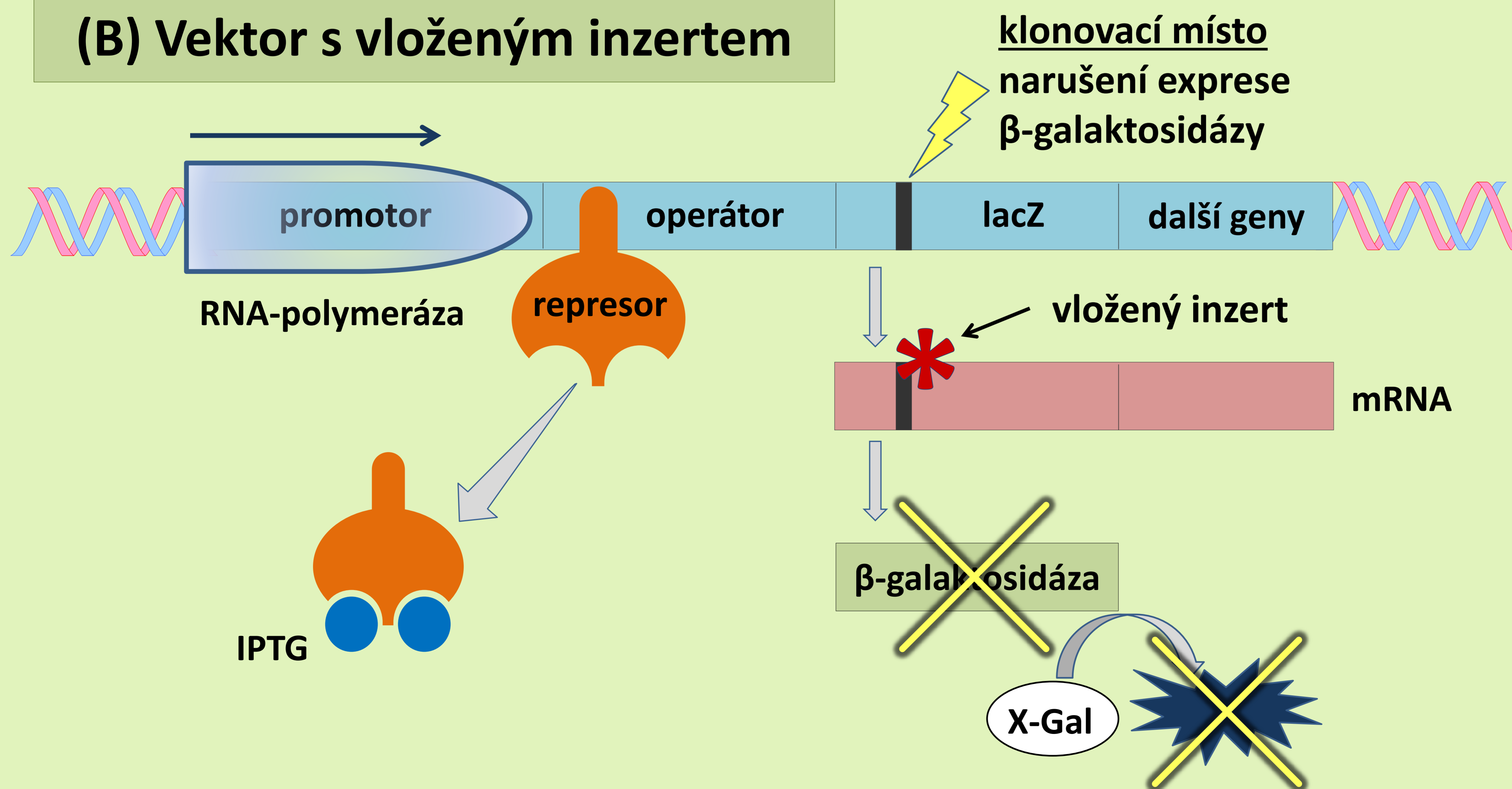


Modro-bílý test

(A) Vektor bez vloženého inzertu

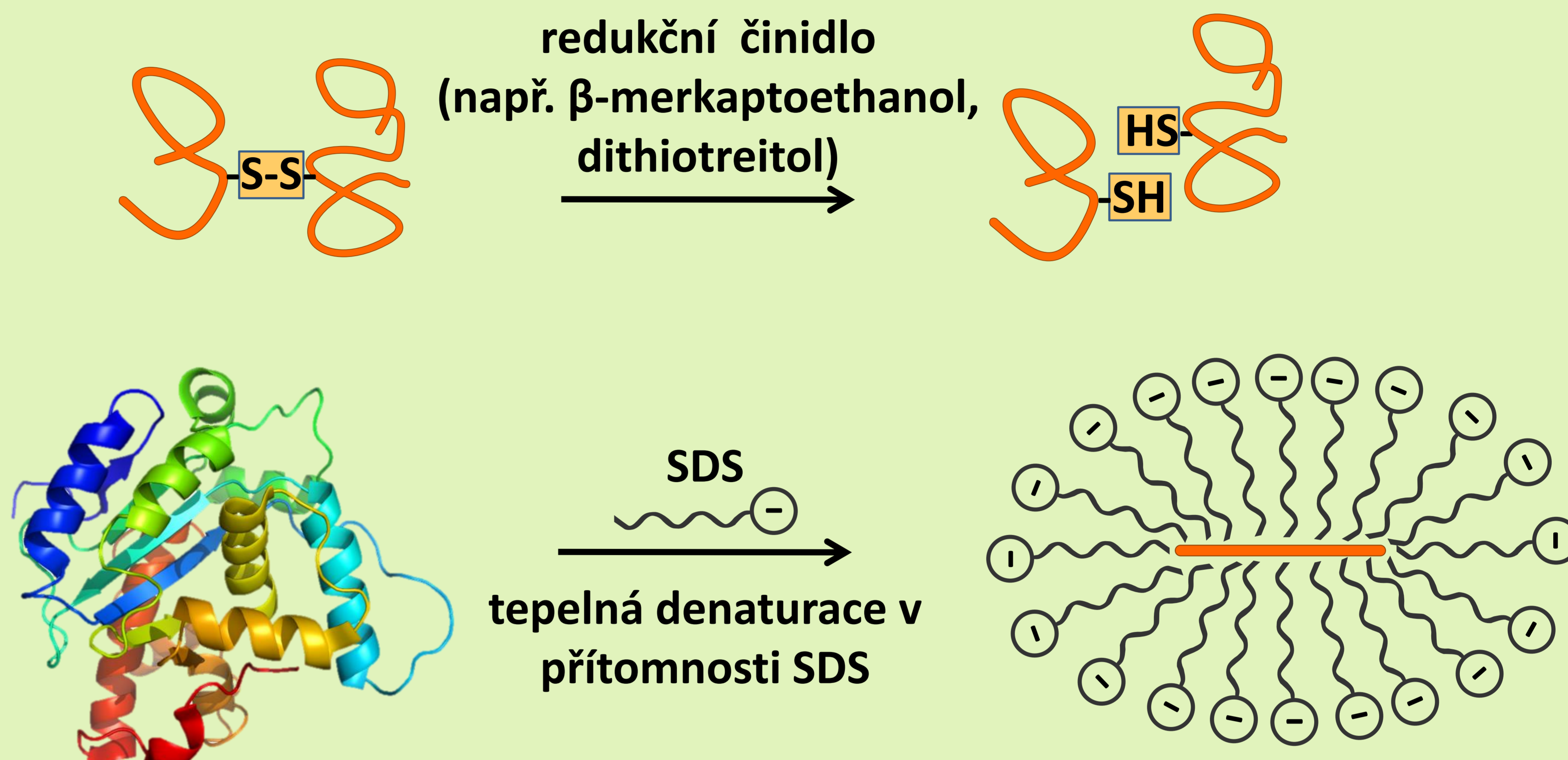
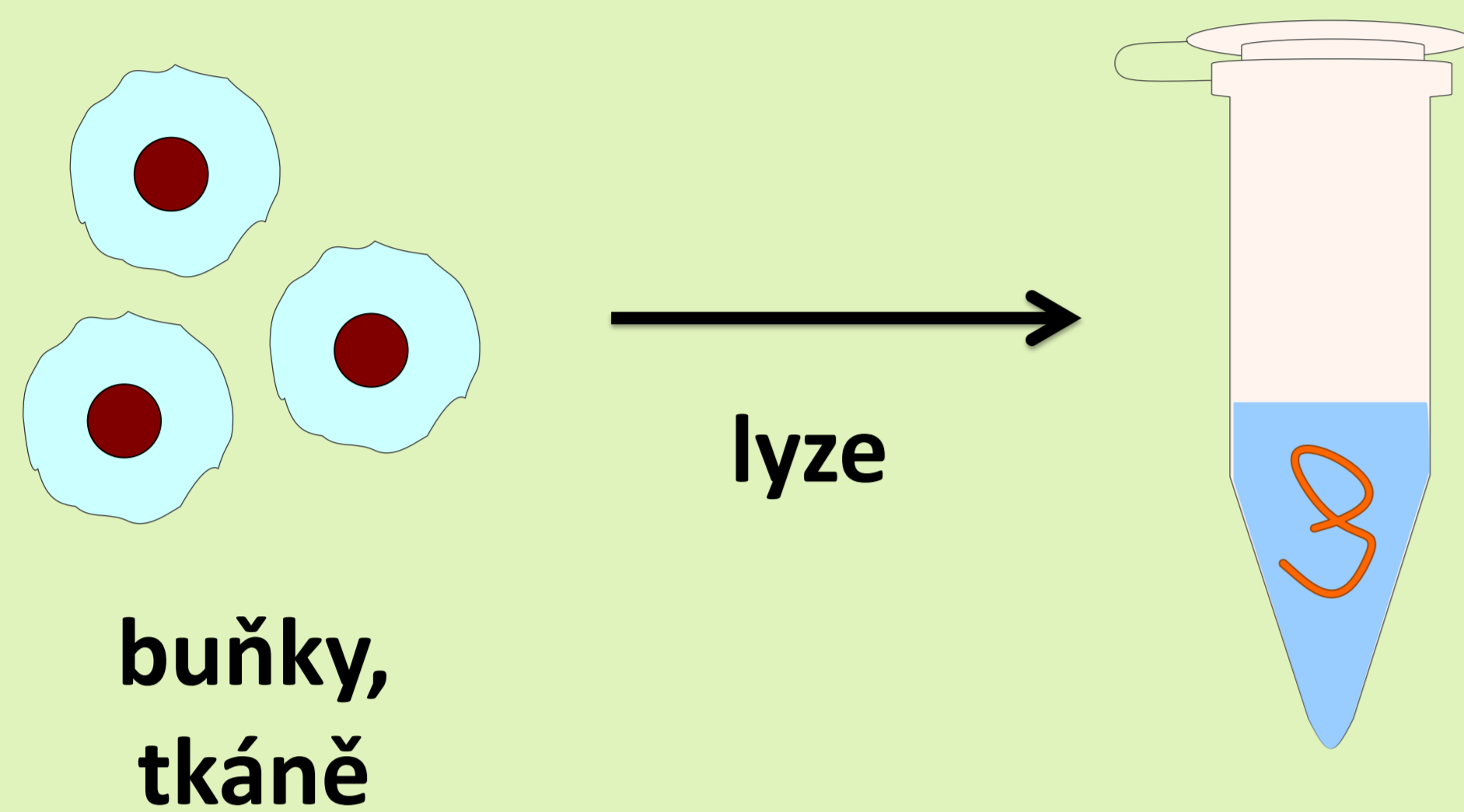


(B) Vektor s vloženým inzertem

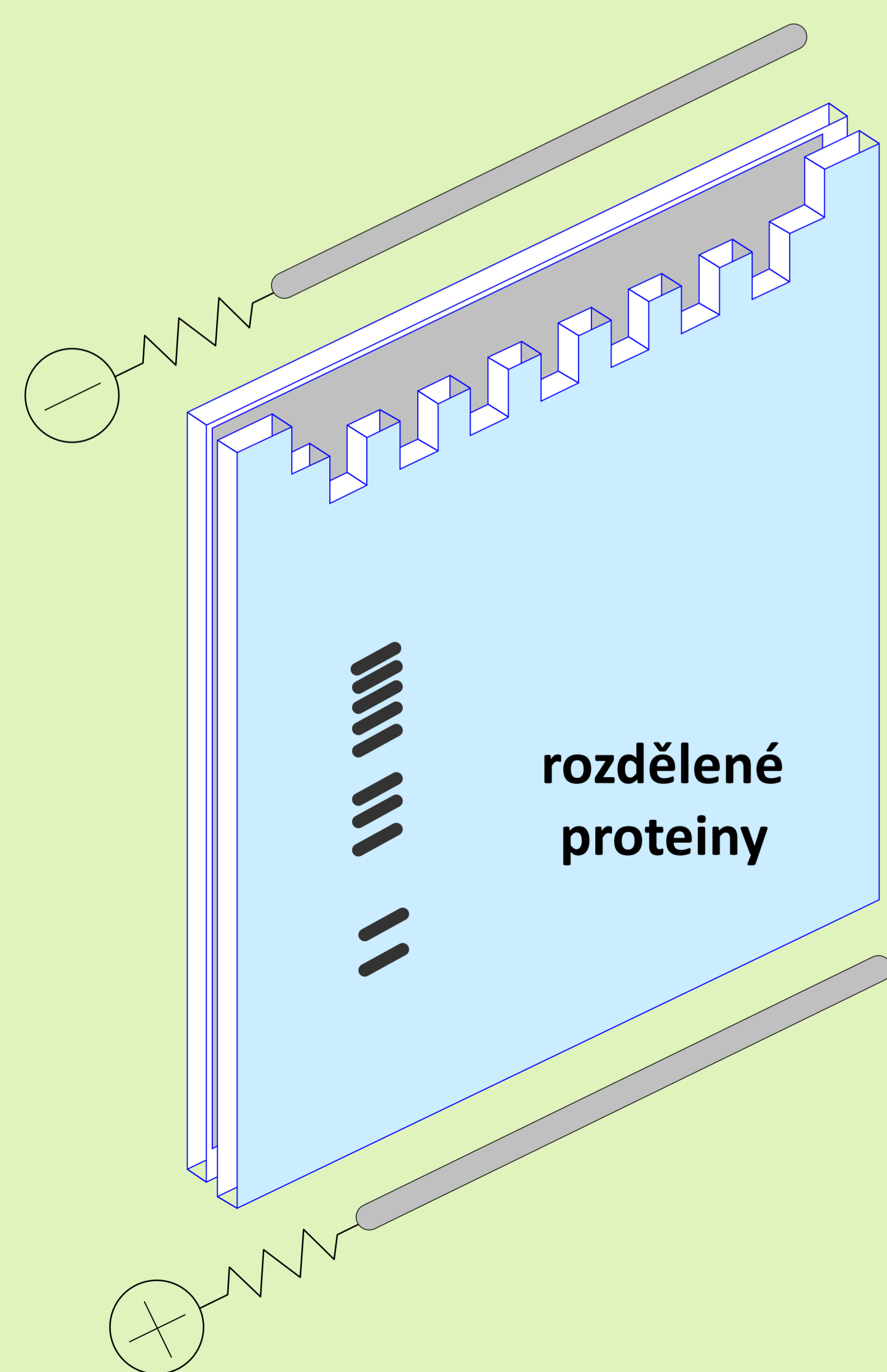


Imunodetekce proteinů

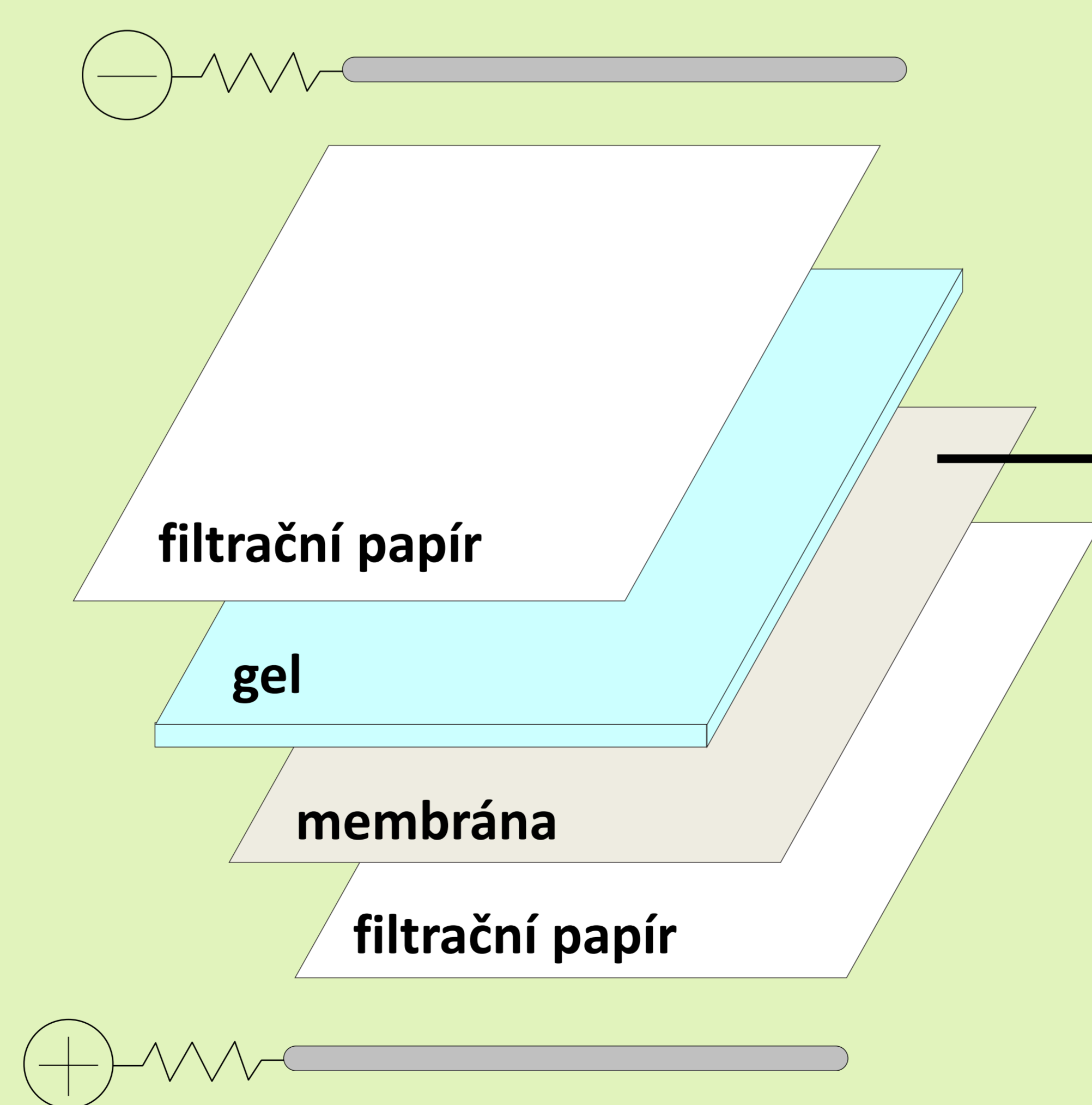
PŘÍPRAVA VZORKU



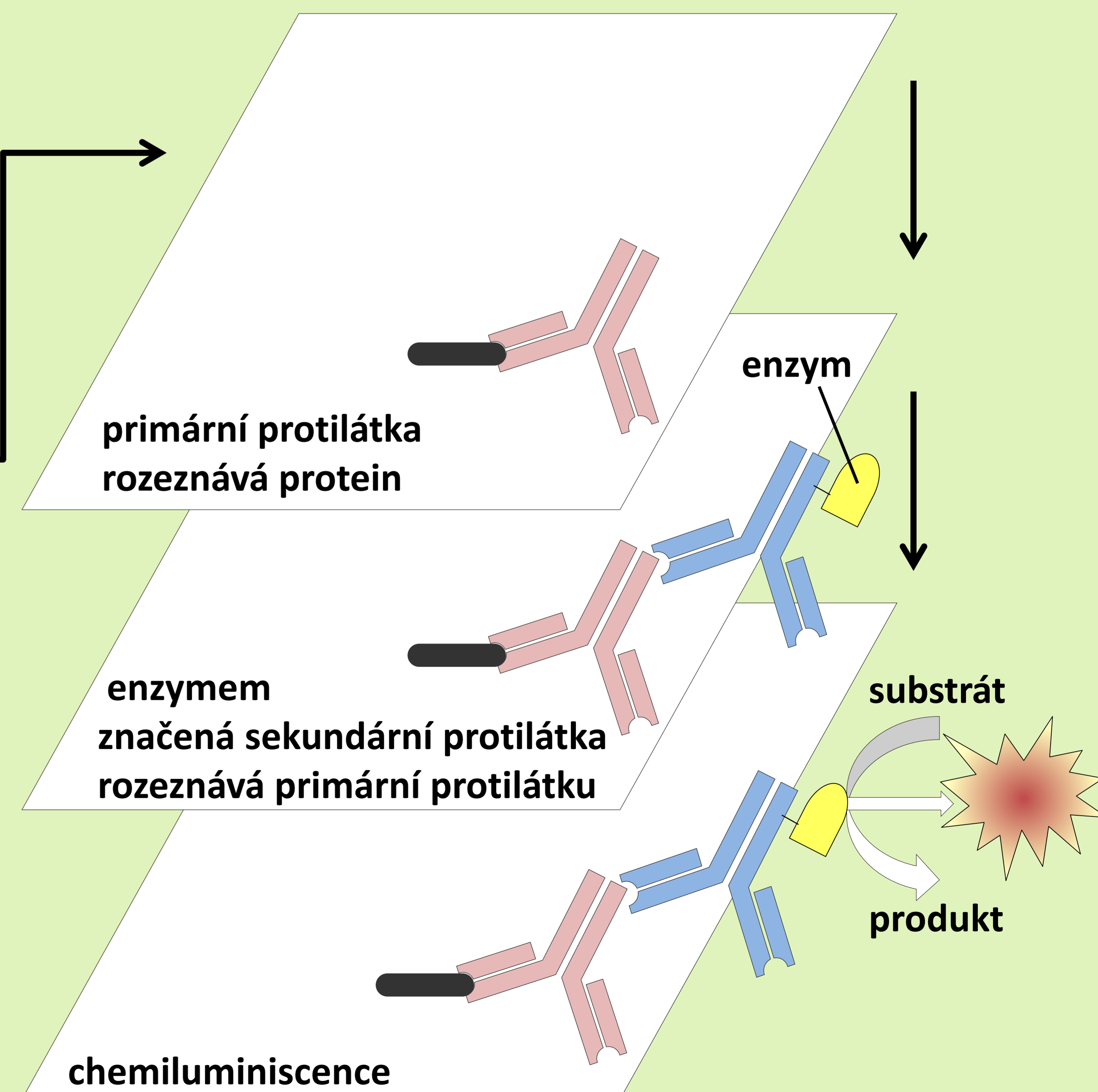
SDS-PAGE



TRANSFER PROTEINŮ NA MEMBRÁNU

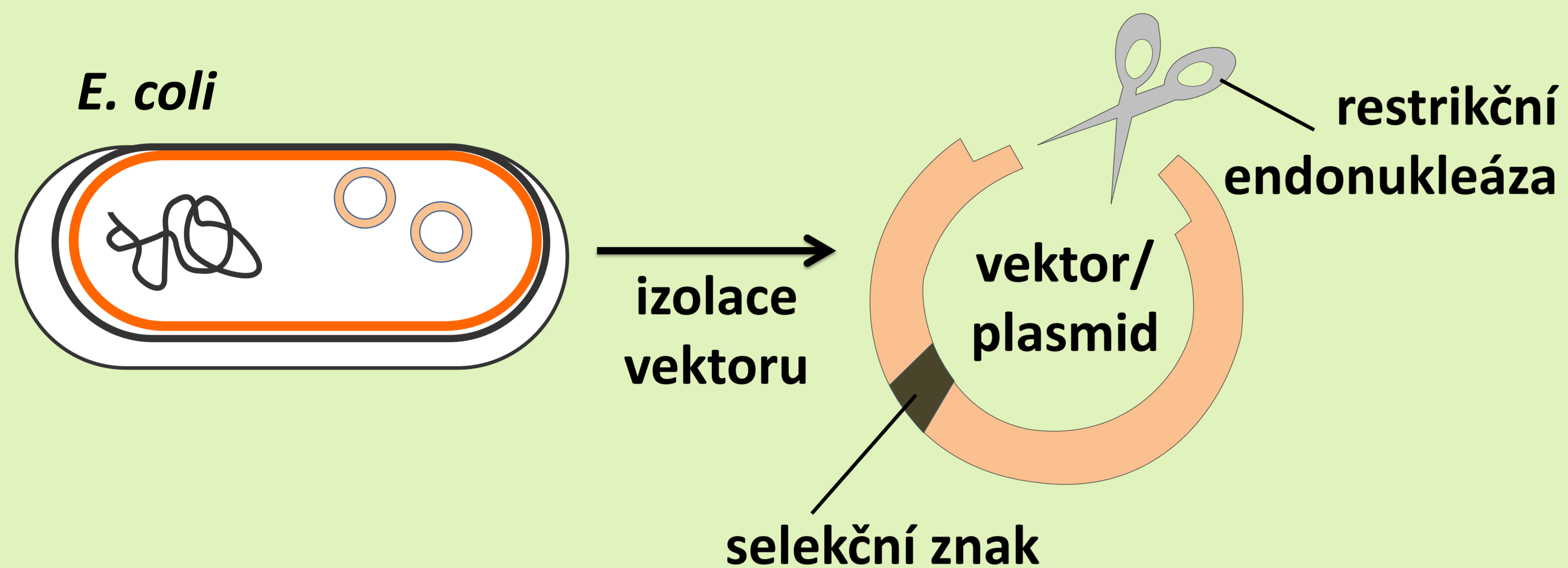


IMUNODETEKCE

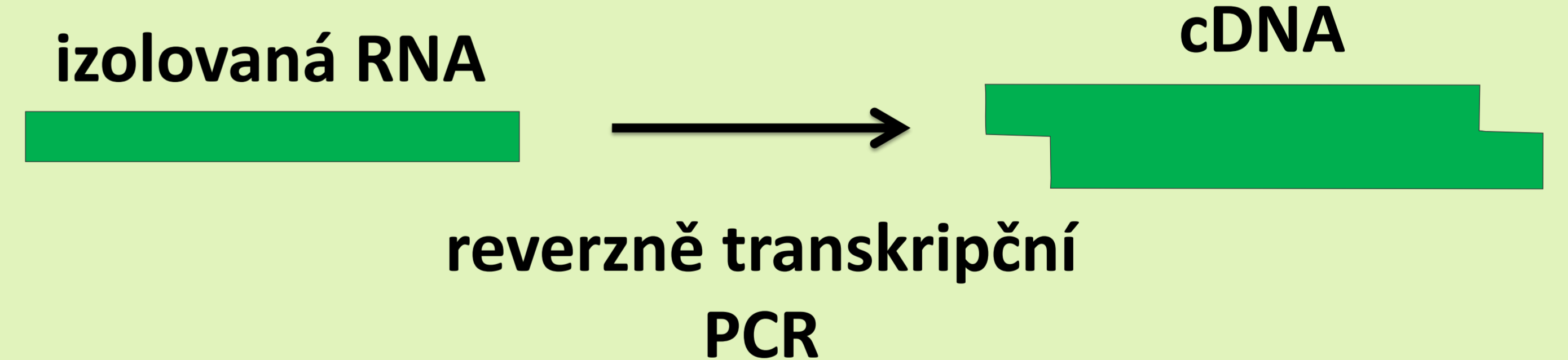
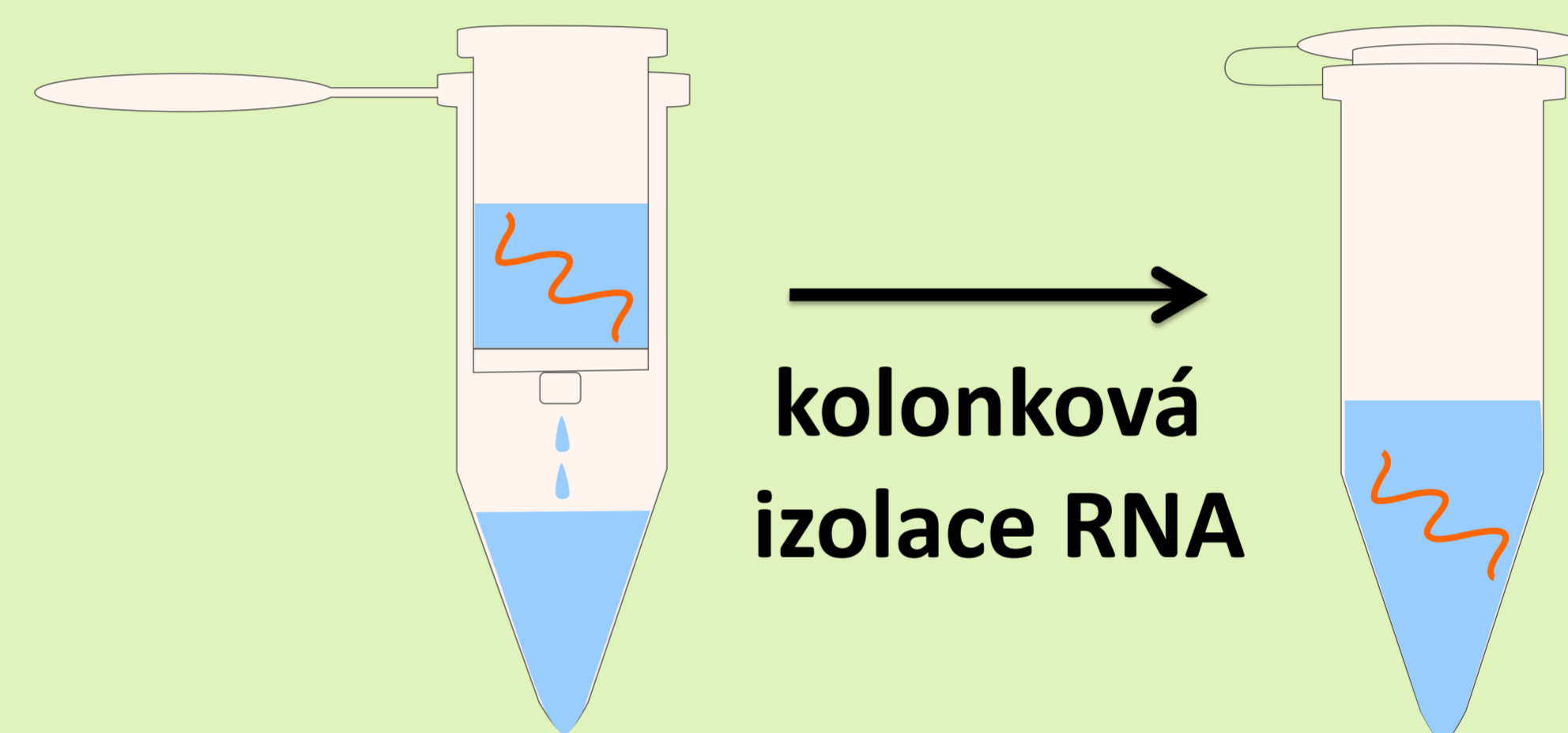
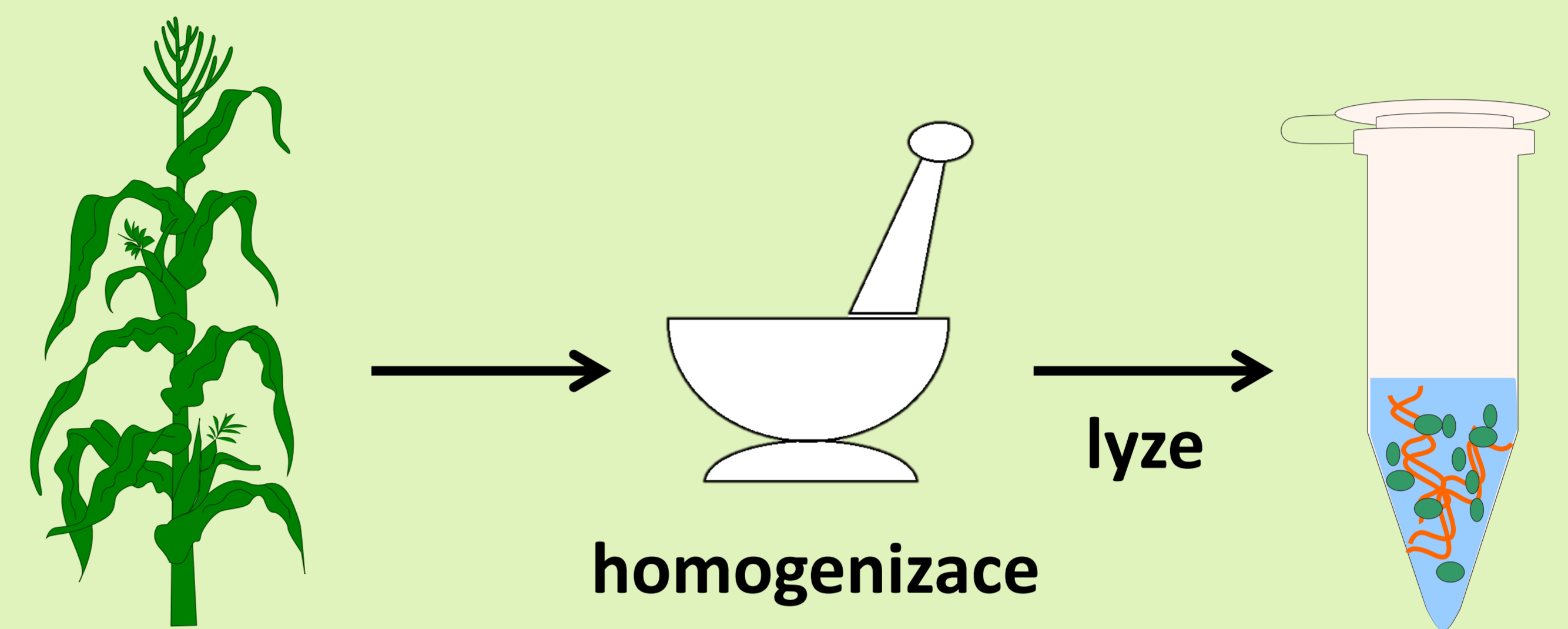


Příprava rekombinantního proteinu

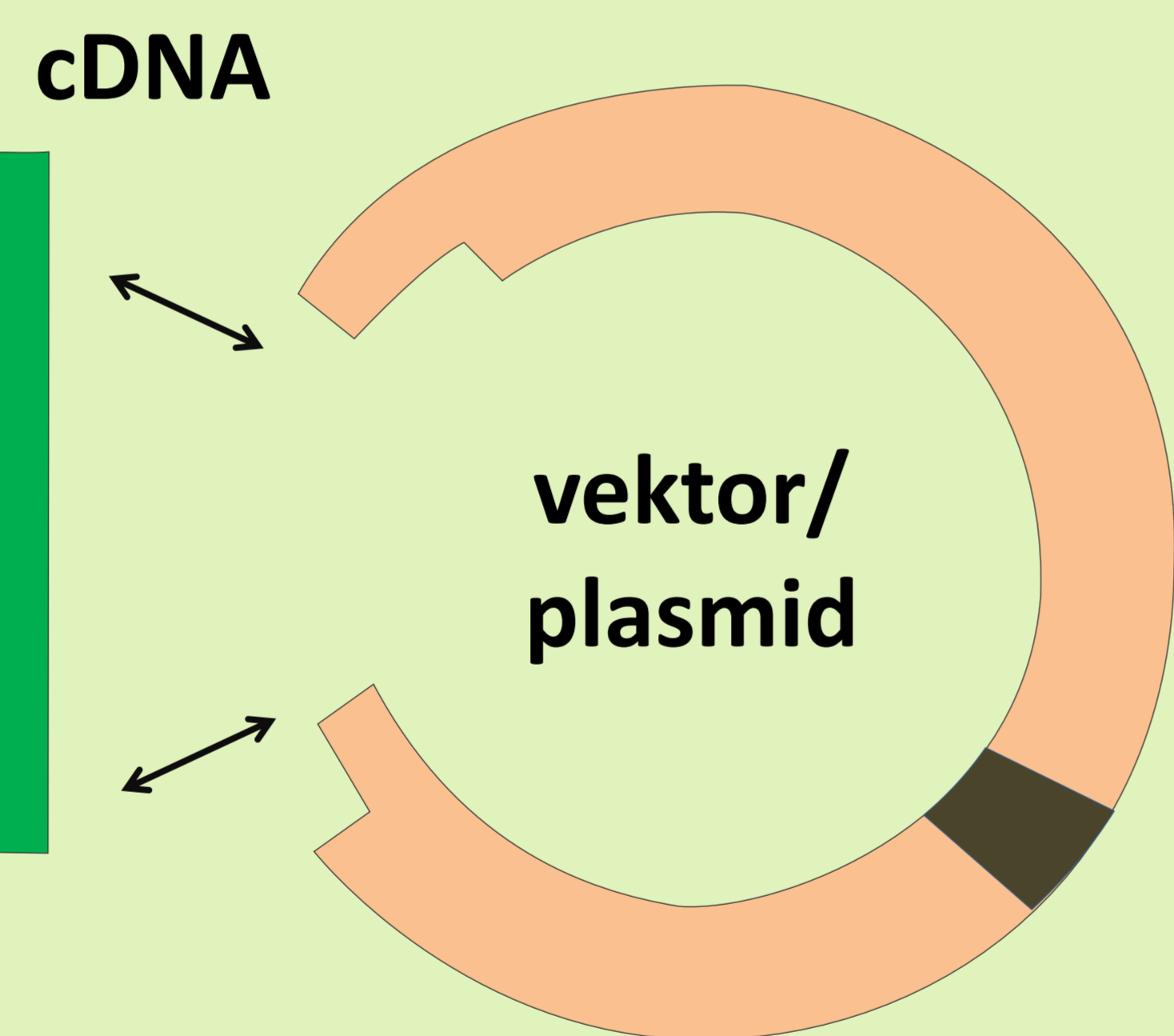
příprava vektoru



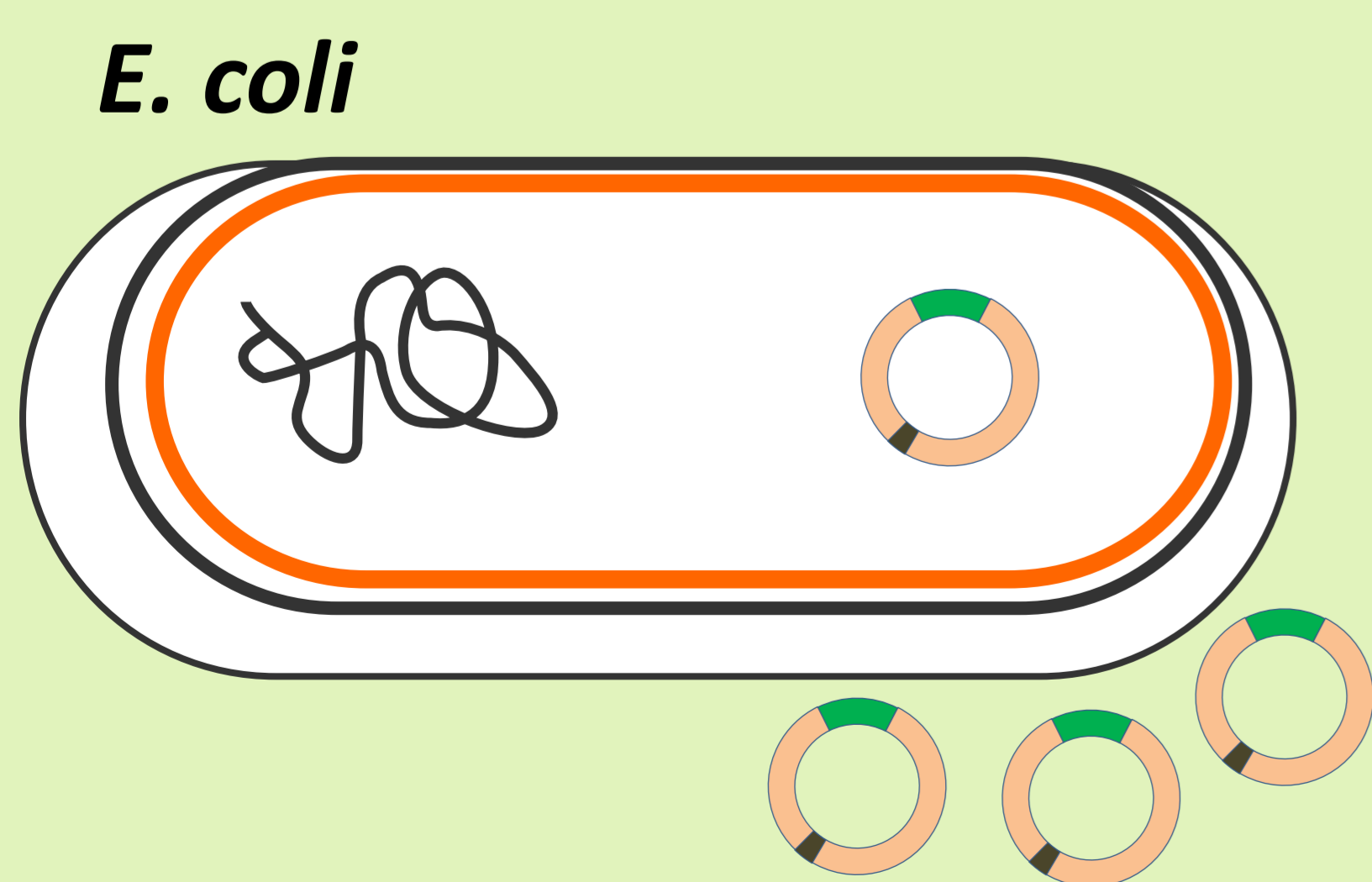
příprava inzertu



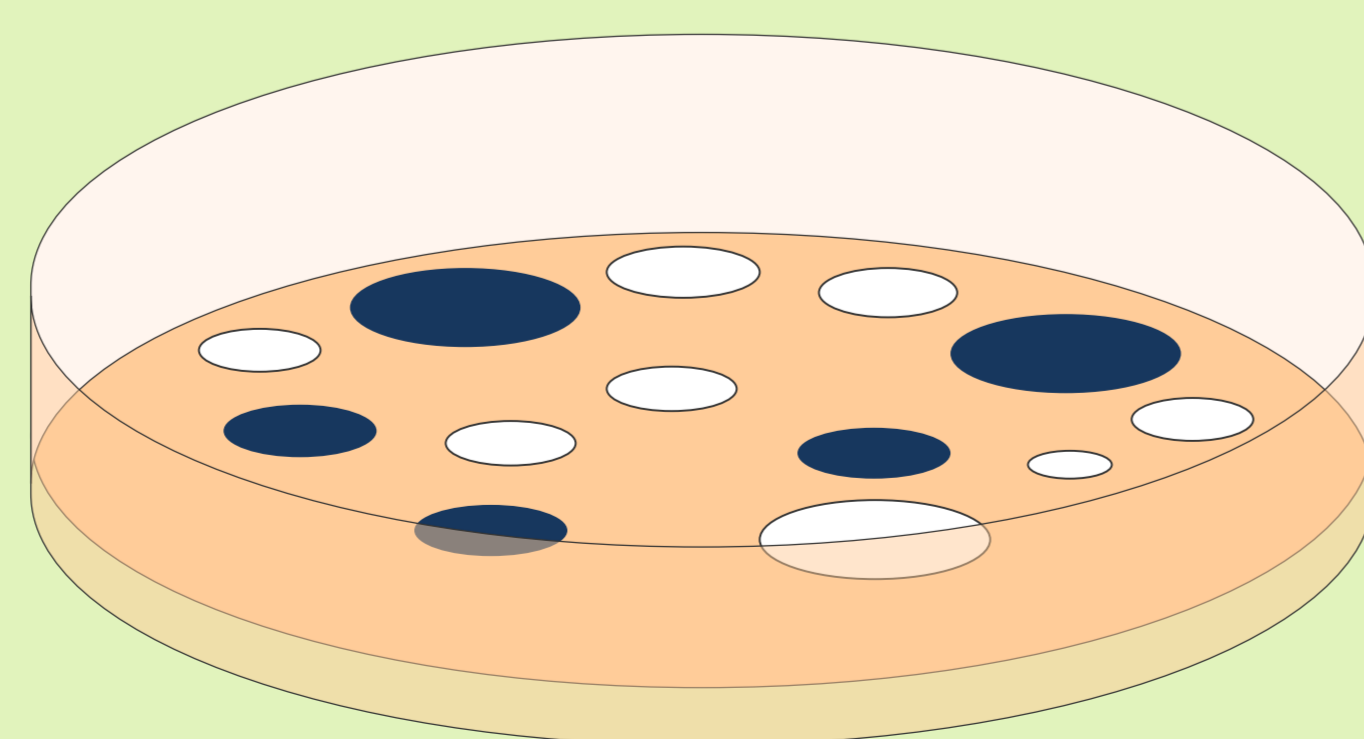
ligace



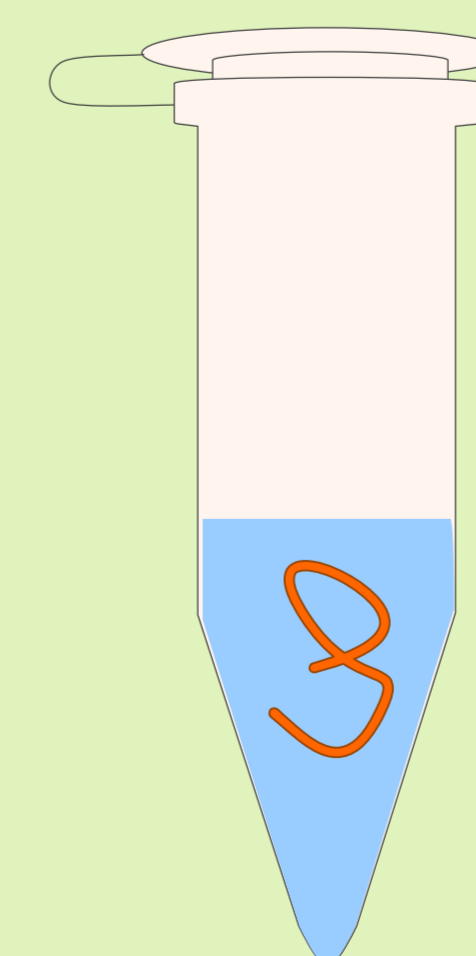
transformace



regenerace, selekce transformantů



izolace proteinů



detekce proteinů

