R.E. Enzymes -> Typez, TypeII, III, IV Npe-I -> I Enzymes have different suburits. Recognition, cleavage, molification units -> It requires energy -> ATP molerule requires co factor -3 5 adenosyl methode Methilation at 1 base pair & modification Recognition -> 1000 bp away from the methylation This are not used more. Type-I > 2 different enzimes Cleaverotesale.co.uk Cleaverotesale.co.uk Preview fromme + public preview not among the public preview not among the public eviences are Symposite and widely used in genetic engineering. Type-II-) same as type-1, 2 subunits 00 <- nse cognition A LOOST NO. 1 12 Cleavage same sequere -> cleavage is done at 24-26 bp away from recognition site.

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· Expression vector not only carry the foreign DNA also expressed have Regulatory elements - prom. Ter Ribosione binding site Drisile, markergene, multiple cloning sik eg: PET. Vector extrachromosomal, salf relplicationg, autonoma recognition site, restriction enzymes, Drisite, maskergene, multiple cloning / cleavage site, Transformation, mobilisation, selection, chaning vector, Expression vector, gene of interest, Self requiator elements, promoter, terminator, ribosomal binding site, DNA, mRNA, protein synthesis, plasmid cosmid, BAC, YAC, PETI Ampicillin resistlant, anthon Tetradycline, Streptomycine, Hlost cell, Iroli Portein. isolation & pitote Solokb. Portein. isolation & pitote Solokb. PBR322 dines page 8 01 1901 R322 deview page 8 of 12 full vector developed by Boliver 3 Rodriguez -> 1977 P- Plasmid. B - Boliver - Rodviguez. molecular weight -> 2.83×106 Daltons have orisite marker gene -> amplicillin, tetradycline (40) -> recognition site > PstI, salI, ECORI. FCORV First autificial plasmid. (vector) Origin of replication in Plasmid PBR322 is in as PMB1

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