

Neque porro quisquam est qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit...

There is no one who loves pain itself, who seeks after it and wants to have it, simply because it is pain...

1

Materials and Methods

Recipes for generic materials and methods are described in Sambrook *et al* are included in the Appendix.

Does the 1.1 show up properly??

1.1 Chemicals

What about a table of checicals? See in 1.1

Table 1.1: Now a caption here.

Name	Formula
Salt	NaCl
Water	H2O

1.2 *E. coli* strains

Genomes for the used bacterial strains can be found in table 1.2.

Table 1.2: Bacerial genomes that were used in this study, and their relevant qualities.

name	genome
bacA	AAAAAA
bacB	fjdskla;fjkl;ds;a

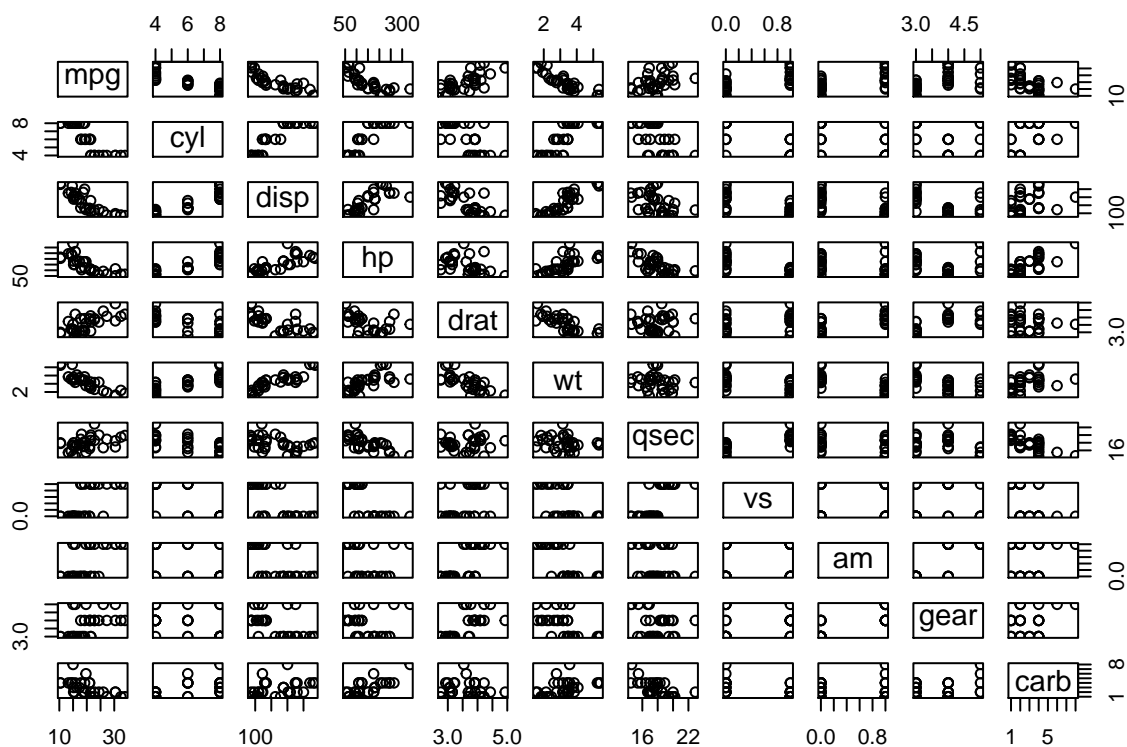


Figure 1.1: Lots of information about cars, how weird is that!

But can I reference the info in Table 1.3????? What about buffers in 1.3

Table 1.3: A Tale of Two Tables.

	mpg	cyl	disp
Mazda RX4	21.0	6	160
Mazda RX4 Wag	21.0	6	160
Datsun 710	22.8	4	108
Hornet 4 Drive	21.4	6	258
Hornet Sportabout	18.7	8	360

1.3 Media and Buffers

Some buffer content is now stored here.

1.4 Molecular Biology Methods

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plot(mtcars)
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1.4.1 Plasmid Constructs

pETM-11 Bacetial Expression Vector

The pETM-11 vector contains a multiple cloning site (MCS) for restriction enzyme (RE) cloning of a gene, confers kanamycin resistance and contains a T7 promoter which allows for isopropyl β -D-1-thiogalactopyranoside (IPTG; Gold Biotechnology) induced expression of the inserted gene. pETM-11 also encodes a hexahistadine tag (polyHis-tag) followed by a Tobacco Etch Virus (TEV) protease cleavage site N-terminal to the protein of interest.

pETM-20 Bacterial Expression Vector

The pETM-20 vector contains a multiple cloning site (MCS) for restriction enzyme (RE) cloning of a gene, confers ampicillin resistance and contains a T7 promoter which allows for isopropyl β -D-1-thiogalactopyranoside (IPTG; Gold Biotechnology) induced expression of the inserted gene. pETM-11 also encodes thioredoxin followed by a hexahistadine tag (polyHis-tag) followed by a Tobacco Etch Virus (TEV) protease cleavage site N-terminal to the protein of interest.

1.4.2 Plasmid Transformations

1.4.3 Plasmid propagation and purification

1.4.4 Amplified DNA via PCR

1.4.5 Restriction Enzyme Digests

1.4.6 DNA Gel Extraction

1.4.7 DNA Ligation

1.4.8 Sequencing

1.5 Protein Biochemical Methods

1.5.1 SDS PAGE Gel