Trait Haploid

Genes Diploid

Homologous

chromosomes

Gametes Fertilization

Characteristics passed

on by parents

Sections of DNA that

Control the production

Of proteins

Chromosomes (one

Chromosome from

Each parent) that make

Up one pair

Sex cells that have half

The number of

Chromosomes

A cell with *n* chromosomes

The combination of

One gamete with another

A cell that contains 2*n*

Chromosomes—one from

The mother and one from

The father