

GENETICS

Terms	Definition
Allele	
Aneuploidy	
Autosomal dominant trait	
Autosomal recessive trait	
Autosomes	
Base pairs	
Carriers	
Cell cycle checkpoints	
Cell Division Cycle	
Centromere	
Centrosome	
Chiasmata	
Chromatid	
Chromatin	
Chromosomal analysis	
Chromosomal theory	

Chromosome	
Chromosome duplication	
Centromer	
Cohesin	
Complete penetrance	
Consanguineous marriages	
Crossing over	
Cytokinesis	
Cytology	
Diploid	
Diploid state	
Dominant allele	
F1 generation	
F2 generation	
Fertilization	
Gametes	
Gap phases (G1, G2)	

Gene	
Genetic Mapping	
Genotype	
Haploid	
Heterozygous	
Homolog (paternal / maternal)	
Homozygous	
Incomplete penetrance	
Independent assortment	
Inheritance	
Interphase	
Kinetochores	
Linkage	
Linked genes	
M phase	
Meiosis (I & II)	
Mendel's 1st Law	

Mendel's 2nd Law	
Metaphase plate	
Mitosis	
Mitotic spindle	
Modes of inheritance	
Monohybrid cross	
Monosomy	
Mutant	
Mutation	
Non- disjunction	
Parental generation	
Parental phenotype	
Pedigree	
Phenotype	
Punnett square	
Recessive allele	
Recombinant phenotypes	

Recombination	
Recombination frequency	
S (synthetic phase)	
Sex chromosomes	
Sex linked dominant trait	
Sex linked recessive trait	
Sister chromatids	
Synpase	
Test cross	
Trait	
Trisomy	
True breeding	
Unlinked genes	
Zygote	

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