## Cheatography

## Principles of Genetics Cheat Sheet by anisha\_21 via cheatography.com/151533/cs/32731/

Mendalian Genetic			Laws of Inhe		Non-Mendalian Inherite			nce Non-Mendalian Inheritence				
Gregor Meda Father of Mo Genetics	al - Why dern	/ Pea?	Hybrid offspring will only	A pair of traits segregates	During t producti of	iowhere	The traits	Where one trait	e.gMemmedel	e.gWithen	e.g: skin	
Austrian mor who studied heredity in po plants. Developed la of inheritence Conducted experiments Pisum sativu m(pea plants	nk easy grov ea redii avai aws cont e. izato repr rapio easi on guis on guis	y to v and ly ilable trol fertil- on and oduce dly ily distin- hable, nct trait	inherit the dominant trait in the phenotype. The alleles that are suppressed are called the recessive traits while the alleles that	indepe- ndently of another pair during gamete formation. As the individual heredity factors assort indepe- ndently,	gametesalleles are two expressed copies o£qually. each hereditary factor segregate so that offspring acquire one factor from each parent. In		e together d producing an interm- ediate phenotype If two flowers are crossed together, a hybrid will be produced that is in	is controlle by several . genes.	grouply two edwhatteles in bothetagene allettietsrtæal andottpatætioi doroftæmhav andmutiple expattesæctfor equadtijven gene.	plagterifea horatifezetgous swhiteuflitipiver is orbased- nwitteaistics ehoratozyrgotus redjutistvær, a r pinksifigiver is othainaæd. teristic	color, eye color, heigh	
Laws of Inheritence		determine the trait are	different traits get	other words,		between both the						
Law of Law of Law of Dominance Indepe-Segreg ndent ation Assortment		known as equal the opportu dominant to occu traits. togethe	equal opportunity to occur together.	allele (alter- native form of the genu pairs segrega during th formatio of game and re- unite random during fertiliza- tion.	,, , of ene) gate g the ition mete e- omly g za-	parents.						
			Co- Inc Dom- Do inance	omplete Po minance Inh tar	blygenic heri- nce	Multiple alleles	Pleiotropy					
$\mathbf{C}$	By <b>anisha_</b> cheatograp	<b>21</b> phy.com/ani	sha-21/	Not published yet. Last updated 21st June, 2022.					Sponsored by <b>CrosswordCheats.com</b> Learn to solve cryptic crosswords!			

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