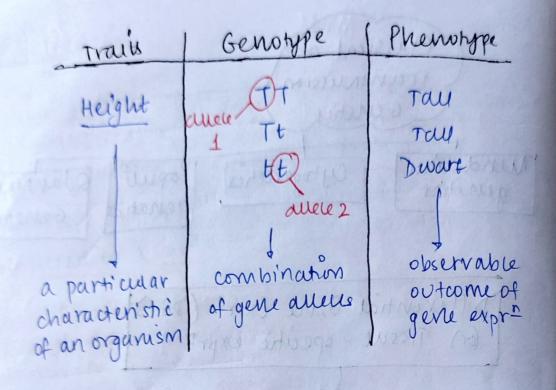


Proteins

Brochemical

reactions

functioning



Gene-environment intert

two individuals may have the identical genotype, but not the same phenotype.

Pojunaron

Autogarry) within same flower Geiternogarry

flower of the same plant

Allogamy

diff flower on a diff. plant

DNA atteration in Alleles Polymorphism nucleotide of the DNA sequence. mim' - indel Single Microsatewite Nucleotide sateurte Polymorphism short simple simple stretches of sequence sequence invertion 2 repeate (SSR) length deletion in (or) porymorphism the DNA short tundem (SSLP) sequence repeat (STR) vanable 2-10 nucleotide no. of by boss bruss units tandem repeated 5-50 réplats (KR) times Library (VNTR) MONTHON 11-100 nucle. units rep. 5-50 times De Pud Charage (A) X (XA) +/w R/r (RP) (RP) (RP) (RP) (PR) (PR) RAllra n 12 19 99

MINITU

RR RT RT W TT B:1 round: only wrinkled wrinkled

only round

recessive parent (wrinkled Test Cross / Back Cross: in this case) F, round X P wrinkled (R/r) (M) 1/2 round: 1/2 wrinkled Particulate factors). - Mendel's version of dilles of the gene. Y/Y X 8/4, 199 REST REST EST x/y x . 9/9 Phenotypic = 3:1 Genoty pic = 1:2:1

Dihybrid Cross: Law of Indepent Assortment RTHEK MANY RRYY X rryy r//r; y//y R/R; Y//Y round, yellow wrinkled, green 10 TION Stabol 1278 to 104 2/10 1100 /c Rrty round, yellow Rrty x Rrty RY | Ry | rt | ry RRTY RRTY RTTY RTTY RRYy RRyy Rryy Rryy Rrtt Rrty mt my Rrig Rryy my my P= 9:3:3:1 unincled wrinkled mound prior yellow. green green green yellow

dominant pure line in recessive pure 8 ROOM 1: RRYY x myy Rrty RrYy 3:1) (3:1) (3:1) (9:3:3:1) (3:1) 27:9:9:9:3:3:3:1 Trihybrid: RRYYPP myypp X $3^{3}=8$ RayPp PRYP RYP RYPT TYP Ryp RRYYPP RRYIN RYP Ryp rtp Ryp axb

		1 - A-1		2/10/		1	6	Ro (d difference of the second
- 0	the	and and	Ir Yupp	of Abri	Tr. To	Robber	The Kare	1	James 1
	1 d Ru	Retupp B	Rolling	Rry y PP	m Type	Supple	3		1 de Brand
	-				2013		myype		- AUR LUS
	ryp	REPTIPE	Rrttpp	Rexy P	myste	XXX			
	1 28	RRYUP	Ad R	RITH PP (RRYYP)	Rrygp 1	RRAMPP	(Rrygpp)	(d. RRJy)	Krimapp .
	- X	9	A V	PP RP			Per	E279	della
	TYP	REXYPP	RETTP RRY PD	Roke	The property of	R. X.	I STATE	The state of the s	2
15	Rup	3RYGPP		RRANAPP	Rry PP	RRUYE) REYJEP	Rexite	Rrygp	Kruz F.
	RYP	RRYYP RRYGR	KKPP			R.R.Yypp)	Set Ypp }	Rryde	Rrygpp Mryglp
	-	2	(A)	RR	8	T. R.	S.	12	
	RYP	RYP RRYYPP	RENTE (RRYYPP) RRYYPP	RRYBPP RRXBP	REXYPP	RRXAR	RETTER	Recypp	Rrygg
		RYP	AYP	RyP	NYP	Ryp	2 de	Jan	the