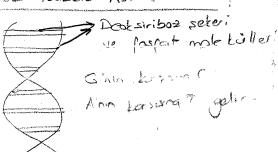
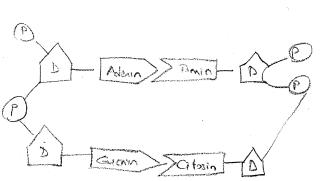
(AND) Sodinical (CNA) -) Riboz (RNA)

enator bir eincirden, DNA iki sincirden oluşur.

Deolsin bod Nobleil Asit (DNA)



nomine AND



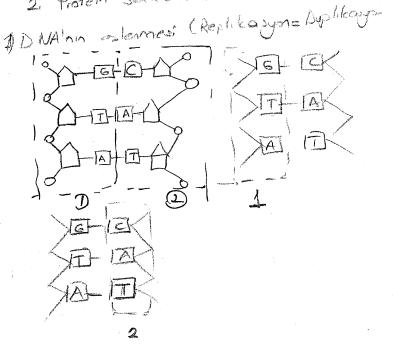
Rum DNA simelderinde; A+G=T+C'dir.

Tim DNA orneklerinde, Adein miktori Timin miktorina Quanim mileter, citasia miletarina esittir. Human Gerome Projest 9697'si belidermir. 0/02 sinin aprelli coadinut.

DNA'nin Gorevler:

1. Kendini erlegerek Grennegi ve kalıl sal biginin alchrimas

2. Protein sentezi.



Firma, satis japan filma. Litop, ayakkabi, ___, kirtasiye,

Maximum 3 Wisi; firma bullyans

Garentik, o'deme, hukuki sulrea.

Proje. %70, viagge lader rapor.

Odeme, sonal pas herables firma barrurorale, barbooks bilgileri alacale. (Olursa iyi olur.)

Stok program, ticari program.

Bu programlardon the Jrin bilgiterini
gekme, iletisim bilgileri.

E-ticaret hazir paketleri Slok programi ile entegre atmesi 1) mena (mesa, ena)

Serteslerecel proteite ilgili
bilgiy; (sipreyi) DNA'don alir. DNA'don
menahin sontealermesine transkripsiyon (yosulma) derir.

Aye ACC ACE MENA Koden Koden Koden

2) tena (Posylci ENA)

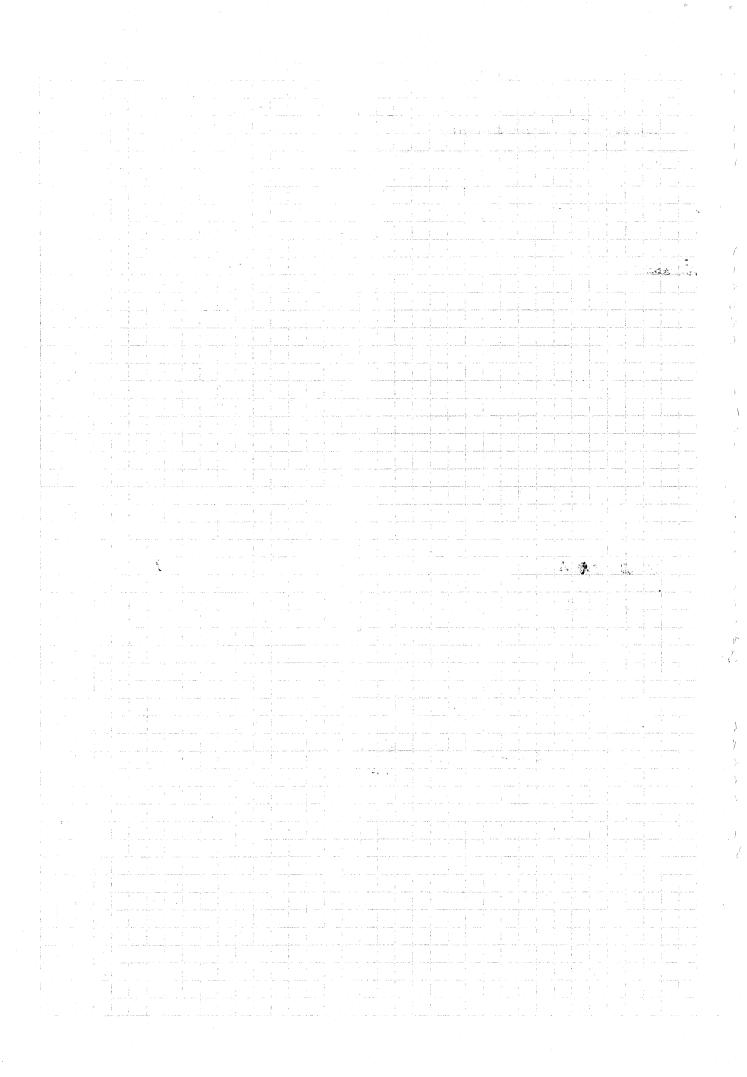
Tasma isi gapartar tenal siregi okum,
siregi okuyup ugan okulor gatirmesi okum,
3) rena (Pibozomal eNA)

GENETIK SIFTE VE PLOTEIN SAUTE.

DNA Je ENA'de dérder hart bulumakta ve kural olarak her kelime 3 hatter olusmoktodir. O halde DNA Je ENA dérder hart Jaer Jaer kombnasyon yapacak Olursa 43 = 60 partir todon olusur

	Trinci BAZ SIRAS!	. 4	
3	U & CAAG	10	
h u	uuu ucv	22	•
•	UUA UCA	10	en e
Å	A service and an additional district and a service and a s	B	
≥ C		A 2	
5		1	
LA		10	
A	and the state of t	A	
1		1	4x4x4=64
G			
4	<u>a</u>	d.	
	4	H	i i i i i i i i i i i i i i i i i i i

Strelerer amin asitter



Bispinformatik:

Global Hisalamanin Kurallari

SI ATTATET T:TTTCTA

	7 ;	>	garuner sistem	gavan overalisme	- Control of the Cont	•		
5	0		7	7	T	C		A
10		0-	-16	2	, ;	e - 4 @	-5 6	-6
	A	-1:	°O	1	- 4	المركب الم	2-4	3
	T	-2	1	2	21	<u>-0</u>	-1	4-2
	T	7 -3			The street of th	-		-
	A	-4		To come a marting to a	***************************************	AND STATE OF THE S	manifest taken managing	And the state of t
	-7	1			A CONTRACTOR OF THE PARTY OF TH	That Spring of Minimary (1999)	Order to the second	**************************************
	C	16			Time processing	rit familiano e	Otto Propos majorana	
		-7	to arm and	and the second s				7
XTTATETA II								

Lensoth Store + 2 Benzesialik skove 0 Bosluk Cesasi =- 1

> I'L hiere he somen sign older.

-> (i-1, J-1) + Benzelik yada Benzelsiatik

-> (J-1,J), gq (balleceson)

-) (1, J-1), gap (balk cers)

-> En Loredon bosogip situro don gitmeje caliziriz. siturda olur, yakinida olur.

-> Jatay vega dikey olması durumunda olun yöninde olanın yerine boxluk lothanh your, diger of your godir. Caprazi ayinisa. durunda iki hatte youlir.

(5/2) + (-1.3) = 10 - 3 = 7

Jobal Hizalama:

ACCTAAGG

GECTCAATCA

Burda globalder porkli olorak ekir sopilor yozine O yozilir.

	Buc	da	(1 ·			1				
			G	, C.	T	<u> </u>	\triangle	A	T-	<u> </u>	Δ
	0	0	0	0	0	0	0	0	0	9	<u></u>
A	0	0	0	0	0	0	~2	a	0	,0	2
<u></u>	0	0	0	2	0	2	0		1	2	,0
C	0	0			WO MAN OWN WORKS AND A	Printer of the Control		garier elementary			
Т	0						LEZARONO ENTO - O	ELLI BƏŞININ MƏVVƏ VI CO	· · · · · · · · · · · · · · · · · · ·	amou	-
A	0					-11 (SACON) (THREE MESS (SE	on programme statement	erandara del Serec			-
À	0	02134128113V6PNA			on the same of	Now the Country of the State on Com-	Samuel (St. Alemander Stat	Sequencia para sarrete.			ranzuses.
G	0	co-ensignative a grace in	normal Kind state distance of	O Market State Sta	No. of Concession, Name of Street, Oracle of Str	ger and the second		S Margaret Mercaners con e	NAMES AND ASSESSED.	** 31.4-07.9T23535000000000	-
G	0		Poulte Walter State Stat	-	government stoccourse of	e programa (and a state of the	COMPANY CONTRACTOR	***************************************		***************************************	: ATTO PORTE MARKETON

Benzer 1 Kz+2 Berzesizlik -- 1 Bastuk = -2

Copraz oktor brentidir.

Jokset stora sohip Kiredan basloner, stor positif talona kador sola yukorya horetet

CTCAA CTTAA

Gokly Die Hisoloma:

Clustal W

1. AAAC

2. AG C 3. ACC

4. GAC

Benzetik ve uzunluk ters orantılı.

1 ve 2

AAAC

- AGC

Benzerlik = Falexarlor = 2 = 0,5
Dizinin Uzunluğu 4

1- 0,5 =0,5 - Arabamadaki uzaklik

lue 3 AAAC - ACC

 $B = \frac{2}{4} = 0.5$

U = 1-0,5 =0,5

1 ve 4 AAAC GGA C

B = 2 = 0,5

U=1-0,9 =0,5

21e3 AGC Acc

 $B = \frac{2}{3} =$

 $U = 1 - \frac{2}{3} = \frac{1}{3} = 0.33$

AGC GAC

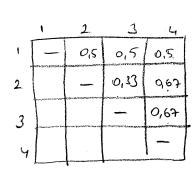
 $B = \frac{1}{3}$

 $U = 1 - \frac{1}{3} = 0,67$

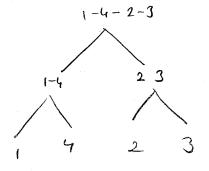
ACC BIL

 $U = 1 - \frac{1}{3} = 0.67$

Uzaklik az ise benzerlik daha fazla.

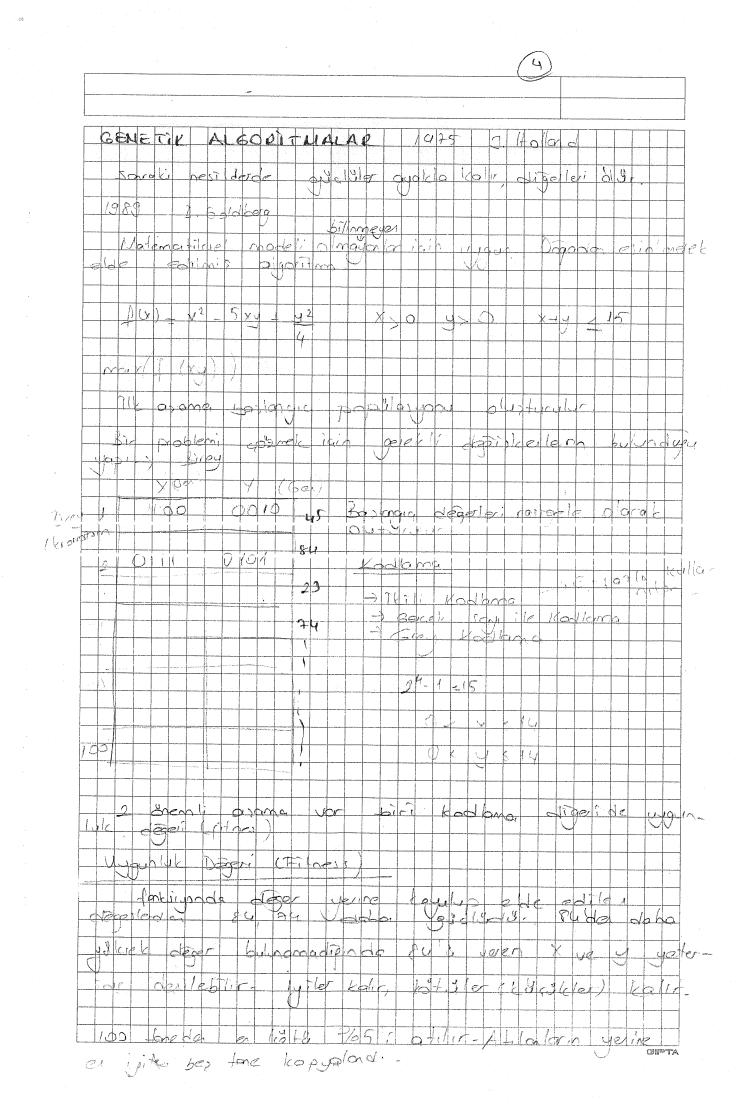


			,	0,5 +0,5/2
	. 1	2 x 3/	4	
(-	_	0,5	0,5.	2.067/2
2ve]			0,67	0,67+0,67/2
4				









2 1000 50. fayde. - (11) Aydo maximun NIZ THAILING O-) Alinhadi Genetik islemier \triangleq max 2 4. Fitnes -2. Methanyon P. G = Cropro2 amo 001 = 9583 - 14. bivey - 1 Capran lama V- Lastgele segin 01/10 1000 Capias lamada 0111 0111 00011 0111 0000 1000 postgele birey. he apla. - suctor ex the bysic planting forth 2 Aprilli. Cogretam 100 dans JOILS ad21m all m. I carret warring 1 olmas, goret bir bireyn rastarle Jane pyonta sir 0419 GIPTA

.

		04,04,32014
Colly die stalandlands tek cheum	sunulmaz, alternation	Deinlede (6)
bretilmeliair.		
20		
) Performons		
Gerefik Algoritma ile Coklu D	izi Siralama:	
51) [] p [jo, lu3.] Her birinin	bir partigi vordir. Bazi	longictaki asik digai
52) [15 [5,9] de Walle	- olar sıralamaya	alinmaz. Bazi dizik
23) 1 -> 24 Eo.	arongo sakulmamalian	76
7525 3 His	- olon br siralamaya olonogo sakulmamalida 141 A TTG ? A T boulde A TG J A o	TG
W15 13 11 91 1 1 9 1 W2 Ca	ATZZGT	
31/411 - 10, 12	an agaler 12	. 2
ATTGT_ 33 5	AT 6T	AT6-T
O demek basa bozluk toynak deme	Etter a system	soyler. Boxluklain yeir steric / [10.14]
	G: Araliqi go Kac Henrin e	le aline - [5,9]
place and bein meminim STTTA	94:57 ATT -	
ATTIGU	ATTTG	
EVINER ampleting Maximum POTTT	AAA	
TTTE	T 776	
En yoksek dizinin %20'si germiy	a hizalama uzunlugu	•
general of the second of the s		
$AT-GT- \rightarrow 0024=G1$		
$TTAT-6TA \rightarrow 4 = 62$		
Amadar:		
-> Benzerlik: Her holonoski max a		
Diziler olaytha 0,3+1+0,8+1 = /max	imize et	
Max = 1 olur minimum 0,25		
-> Boslagun Art Ardo Gelme Dur	ind !	
AAACAATTCA AAAAAAAAAAAAAAAAAAAAAAAAAAAA	AGAATTCAS POR	an elde editerate.
	W.	raid mana Pablican

ille getriller bosluk 5 ile cesalandirilian, orto ortegio geligina and tillanda somelita 2 The coolendrilin. د عدم ع 20 b= 11 3) Destek Dezeri Olabildigince tim disiler ele alinqua codisilir. Ancalc basi diziler-liklarından dolayı elenebilir. Ele aldığını dizi sayısını maximize agirliklarindon dologi etnese calishir. MOTIF BULMA: forkli usun luktoli dizilode gyni porçolorni elde edilmesine motif denir. Diaidly or talk purca. Billinen motif smekler: TATA box (TATAAAA), BRE ((GIC)(GIC)(BIA) CGCC, 3 ger parasinder ortale olonlarini bulma motith leonusura giver. ACCGTA | Baslogic olarak verip distrete by paramin varligini arama. Desavatoj: motifleri uz motif usunliguru dijardan girmak motif bragini dipordon vermele notif usingfu " remak. Score Hesaplama, AS(Sm, Pm) = max { = match (Sm, Pm)/k} m: Alc Tam extene yara R : A/G INDAC, der Piu Mara 0,5 JUPAC Kodla, Yoksa 0 (Belinsizlik) S: C/6 Tel dizi

Tel di y: C/T WI GIT

	11,04,2014
Her distac en uygin dégeler bilip bin	maximize ethere collisporus.
Grupl: The FMGA algoritmusiyla estate of the formation of the sequences: (6/6)	the ediler sonuctor torritoritimile
THE J > 6.7=U2 > Toplam Filmers 5	Story. % & 4 motch demek I tene
Grup 2: match squares: (6/6)	hataya izh verme. (%7)

G(up 2:

Grup 3 i

MEME, Gibbs Sampler + diger algoritmater.

Alternatif bulma sebebi pokli motifieden oluxa popularyon da dobyt.

m . \$¹.