















Features	YAC	BAC
Configuration	Linear	Circular
Host	Yeast	Bacteria
Cloning Capacity	Unlimited	up-to 350
Insert Stability	Unstable	Stable
Copy per Cell	1	1-2
Chimerism	up to 40%	None to low



























Bioinformatics servers

Remote data access -- database search, cross-links between the databases

Remote computing -- use of server's processing capabilities (sequence alignment, structure prediction, homology modeling)

Infospace navigation -- pointers to the available resources

Digital information cycle

Creation and capture Storage and management Rights management Search and access Distribution

Electronic publishing

Quality (peer review, retrospective evaluation) Reliability (stability of serves, control over alterations, proper archiving and mirroring)





































Using the following sequence								
•	cagataattg	tttcgcagcg	aattgtgcaa	tttttcgatt	gagtagccgg	attacagaat	60	
•	ataaaactga	gttcaggcgt	cattggagag	gacatacata	atgtcgtcaa	ctcaatgtct	120	
•	tgtatgttcg	cttctccttt	tactttcgct	tcctcgagca	aatcacgaat	gatttgtgac	180	
•						gttcccagag	240	
•						ttcttcaaga	300	
•				tcgaaaggca			360	
•				gctgttttag			420	
•		-				ctttccaata	480	
•						tctctatgtg	540	
•				caattgtacc			600	
•						attaaaaaaa	660	
•						tatgatcaaa	720	
•				tgcctacatg			780	
•			-			caagtgcctc	840	
•						ggttatggca	900	
•				gtttaactgt			960	
-				atcgctcaca			1020	
-				gtacggctat			1080	
-				-		gaccgactga	1200	
						caaaggttca	1200	
						ttggttttga	1260	
2				cgactggcag tactcaaatc			1320	
				cgatgaatgg			1440	
						cacatcacaa	1500	
						aattgatgaa	1560	
				cttcataact		aattyatyaa	1607	
-	clagttttg	cccacaacty	cyyacaatat	ccccataact	Lugalu		1007	

