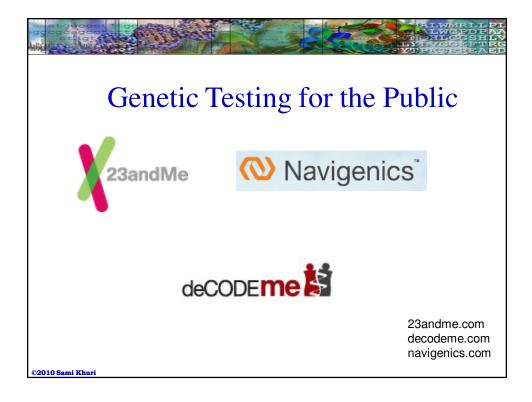
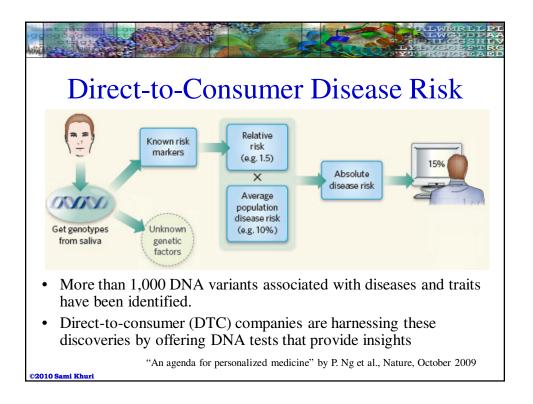
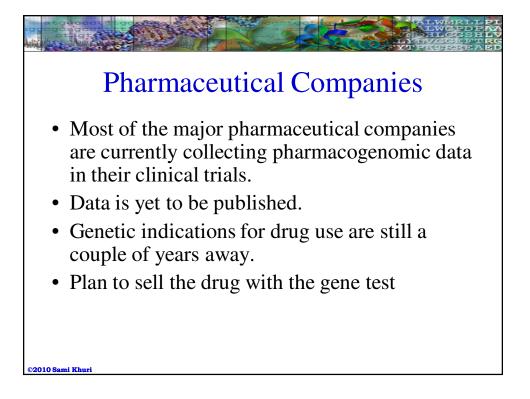


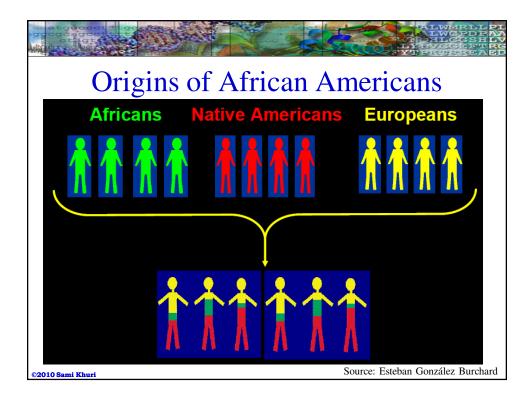
GWAS and Prostate Cancer								
			Allele fi	requency				
SNPs	Chr	Position	Cases	Controls	OR (95% CI)	P		
rs2660753	3p12	87,193,364	0.10	0.08	1.32 (1.13-1.54)	3.4E-04		
rs9364554	6q25	160,804,075	0.33	0.31	1.12 (1.02-1.22)	0.02		
s10486567	7p15	27,749,803	0.78	0.76	1.12 (1.01-1.24)	0.03		
rs6465657	7q21	97,654,263	0.51	0.47	1.16 (1.06-1.26)	6.7E-04		
rs16901979	8q24 (2)	128,194,098	0.06	0.03	1.66 (1.34-2.07)	3.1E-06		
rs6983267	8q24 (3)	128,482,487	0.56	0.51	1.22 (1.12-1.33)	3.6E-06		
rs1447295	8q24 (1)	128,554,220	0.17	0.14	1.21 (1.08-1.36)	1.6E-03		
s10993994	10q11	51,219,502	0.43	0.39	1.15 (1.05-1.25)	1.6E-03		
s10896449	11q13	68,751,243	0.49	0.46	1.14 (1.05-1.25)	2.1E-03		
rs4430796	17q12	33,172,153	0.61	0.56	1.24 (1.14-1.35)	8.5E-07		
rs1859962	17q24.3	66,620,348	0.54	0.50	1.17 (1.08-1.28)	2.0E-04		
rs5945619	Xp11	51,074,708	0.42	0.38	1.20 (1.06-1.36)	3.5E-03		

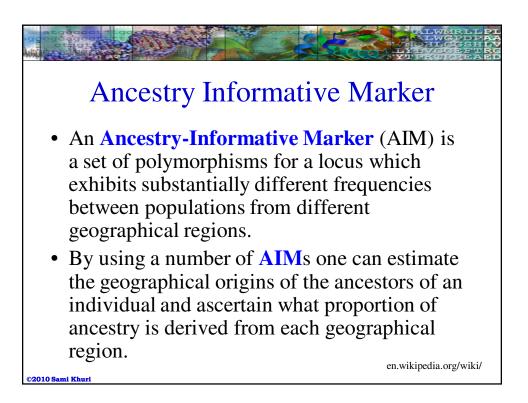


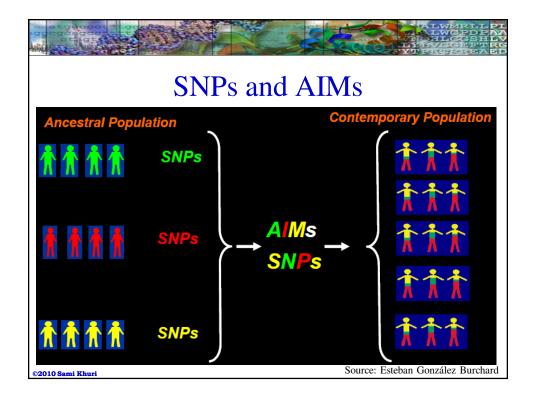


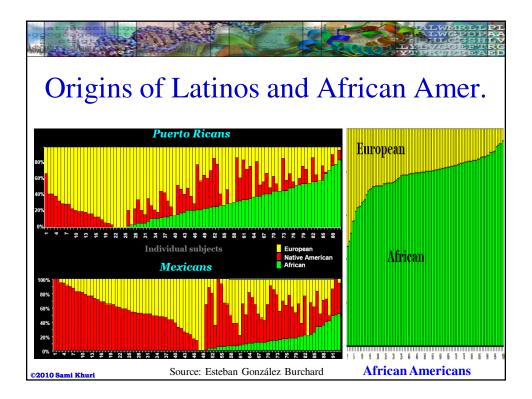


Genotyping Costs					
	Number of SNPs	Cost per sample'			
Illumina HumanHap 1M	1,000,000	\$580-650			
llumina HumanHap 610K	610,000	\$480-520			
llumina HumanHap 550K	550,000	\$290-370			
Affymetrix 6.0	1,000,000	\$~400			
Affymetrix 5.0	500,000	\$~300			
llumina iSelect	28,000	\$90-230			
llumina iSelect	7,600	\$65-110			
Ilumina GoldenGate (OPA)	1,536	\$85-200			
-luidigm/BioMark	48	\$10+			
TaqMan	1	\$0.60			

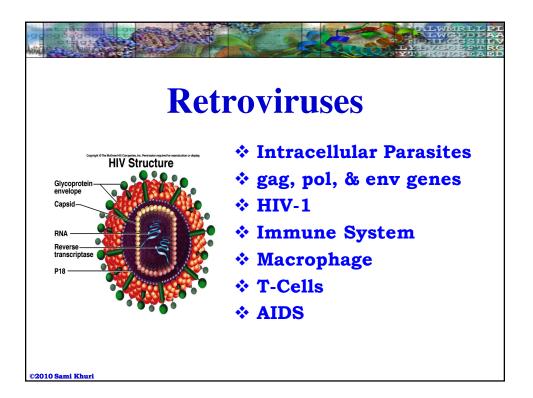


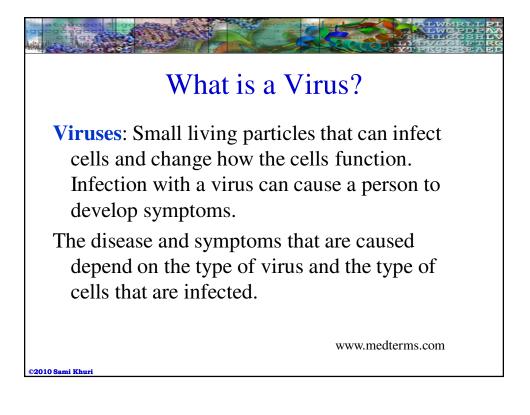


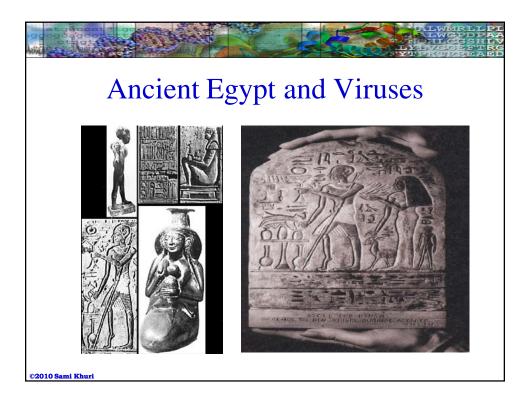


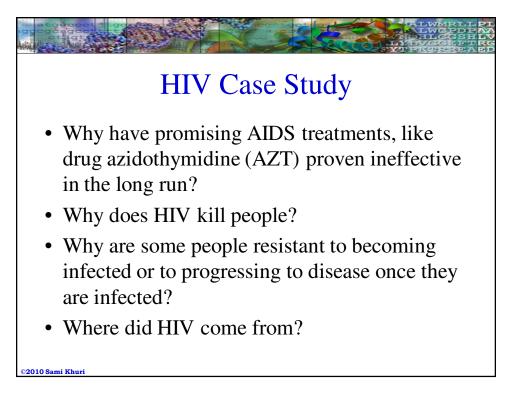


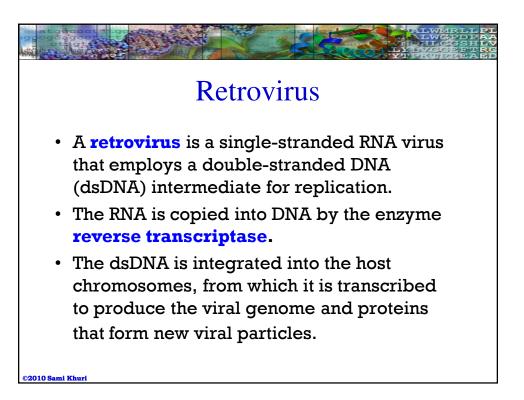


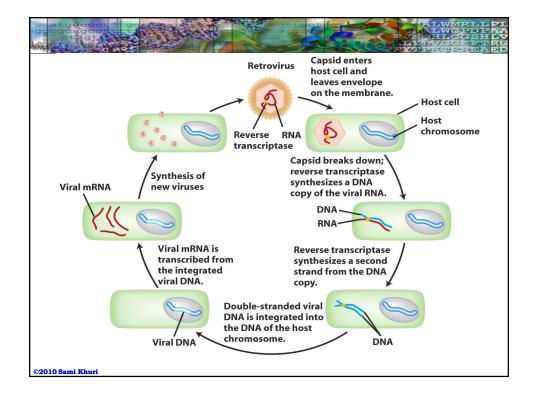


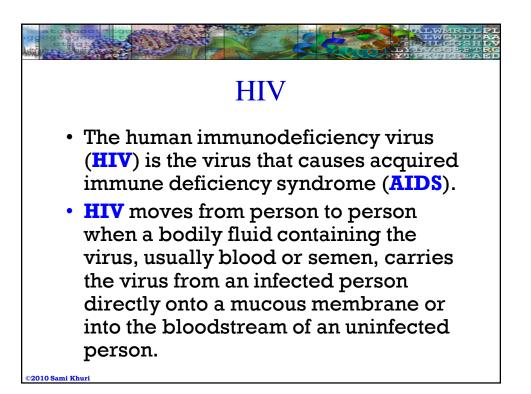


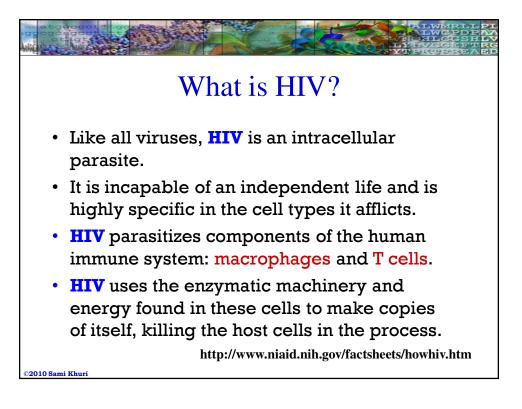


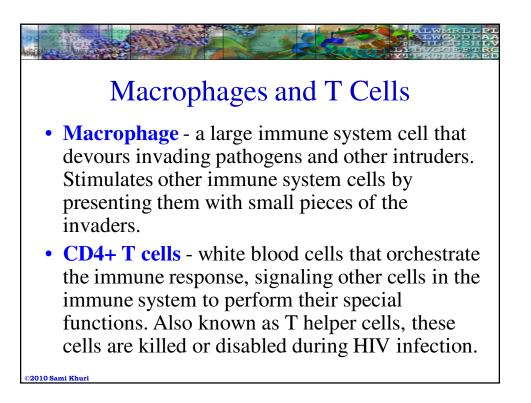


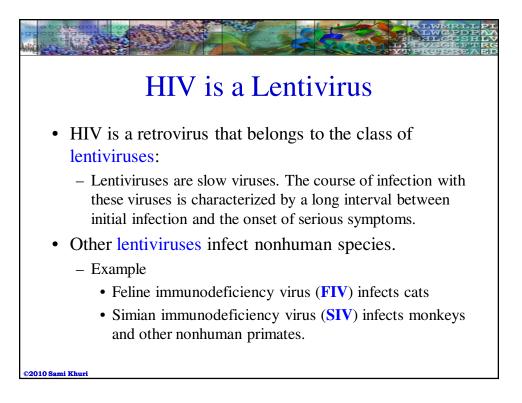


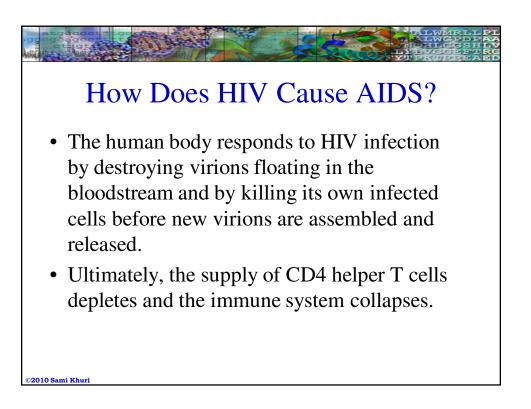


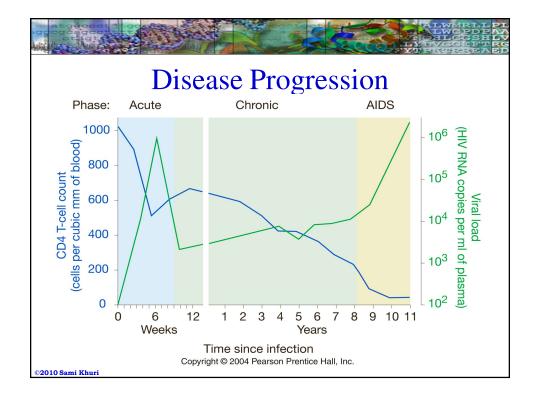


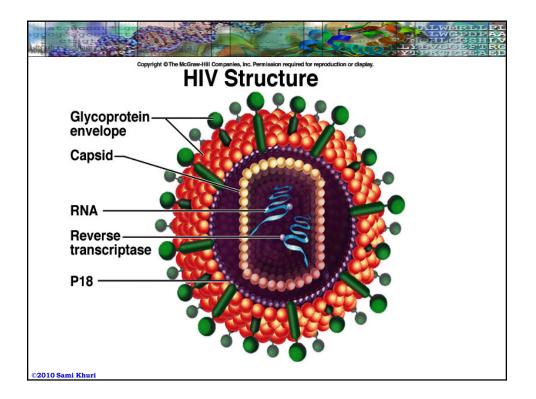


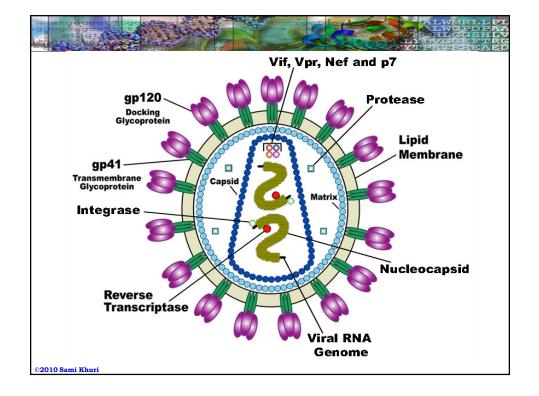


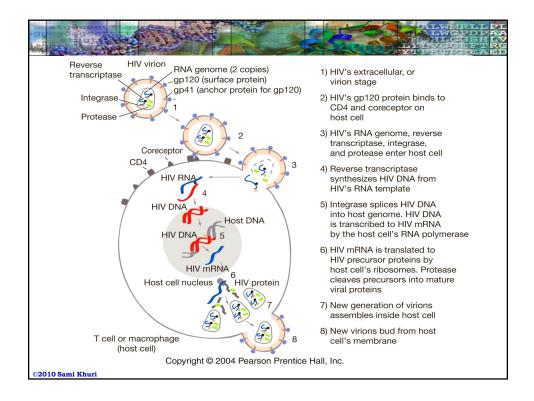


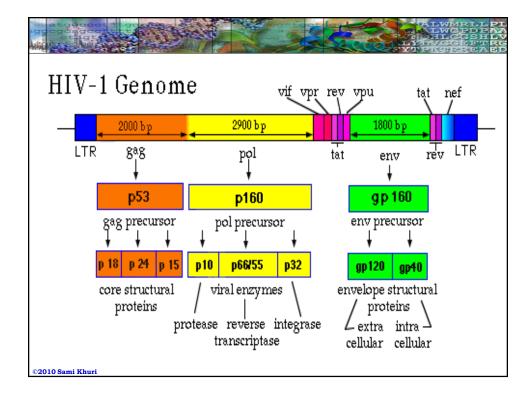


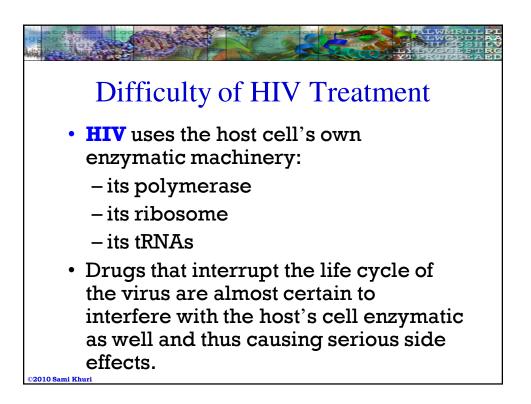


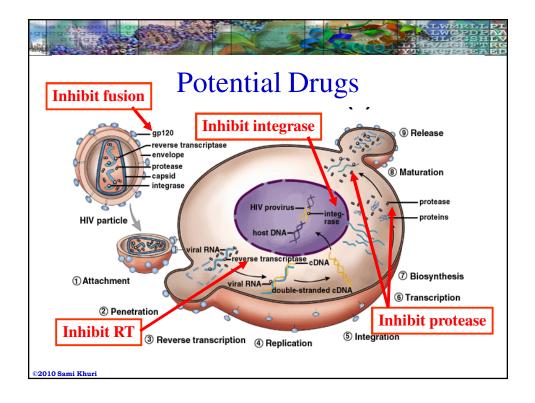


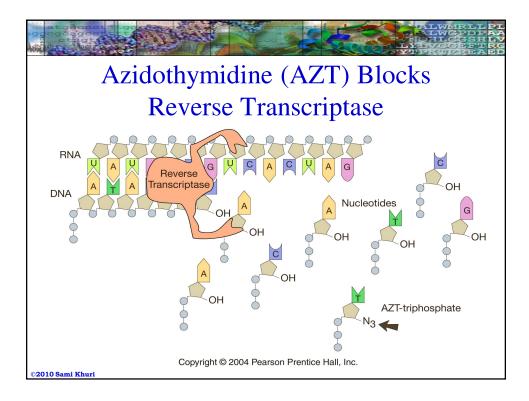


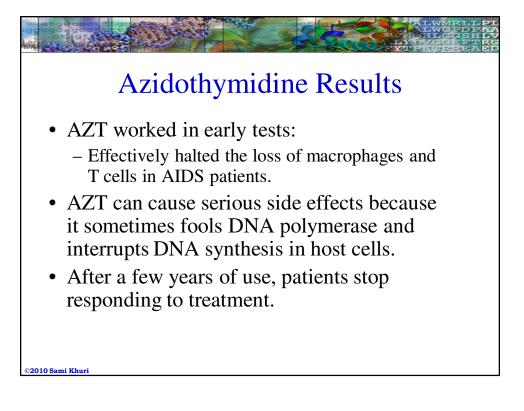


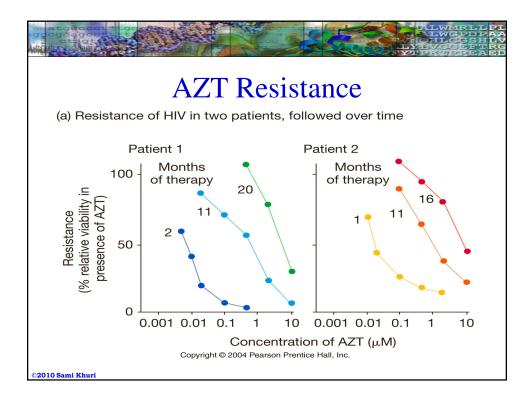


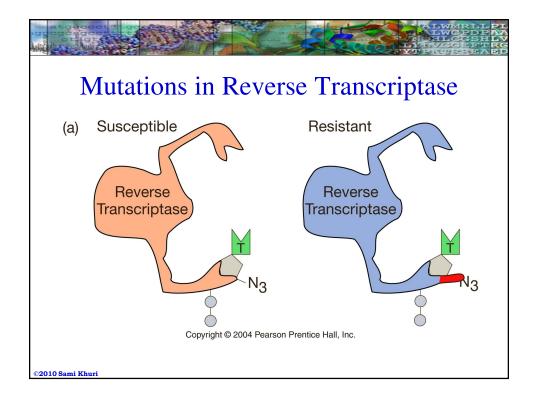


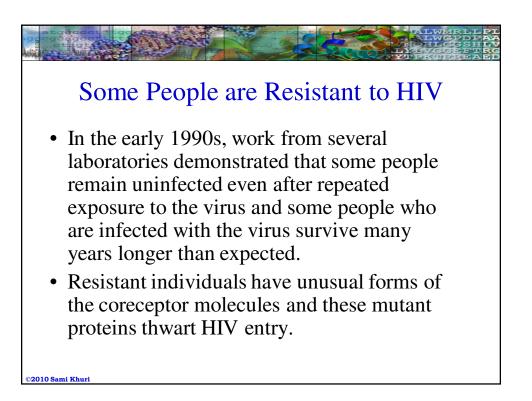


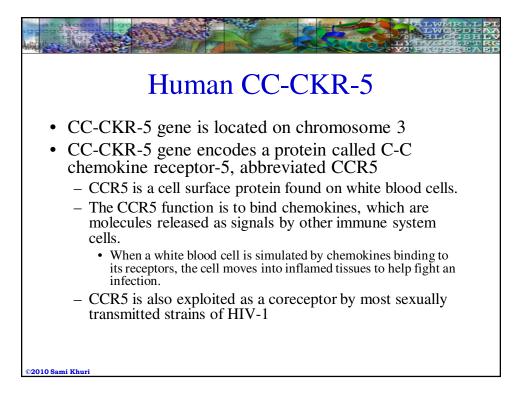


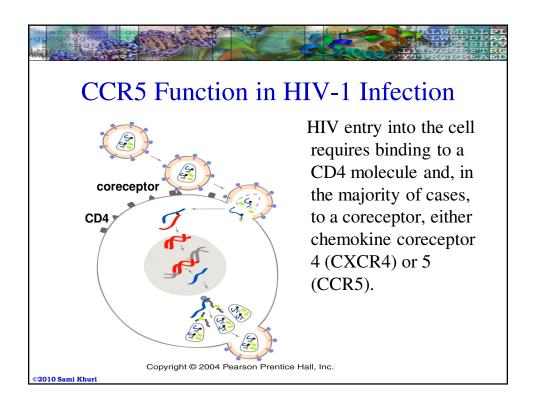


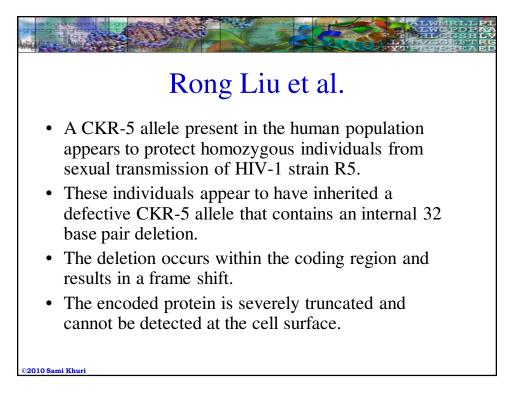


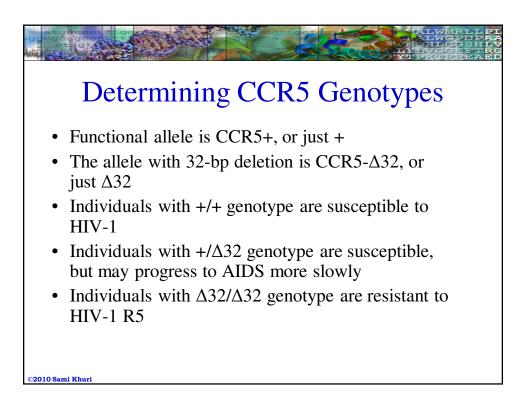


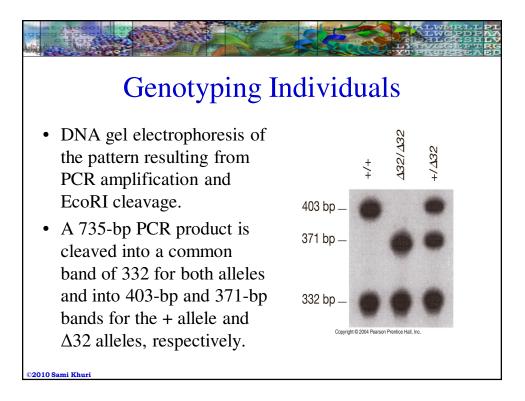


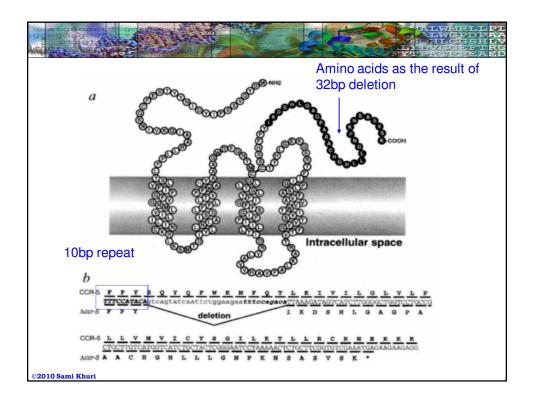


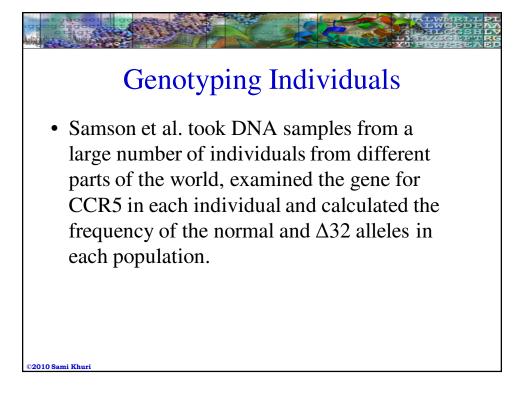


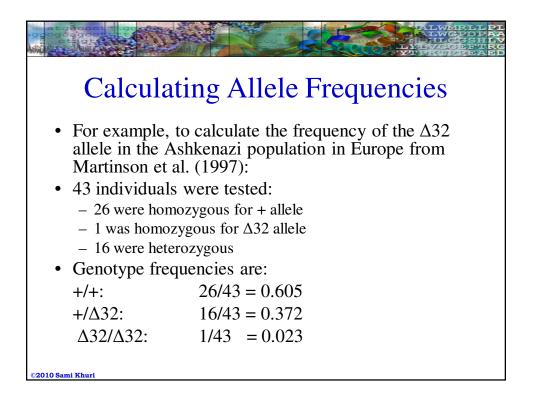


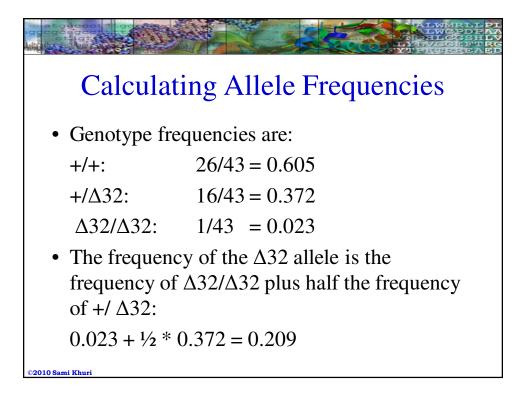


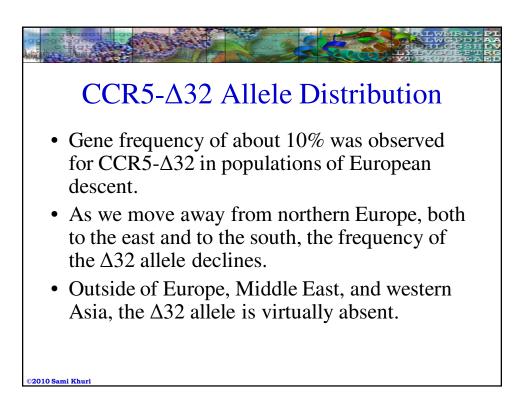


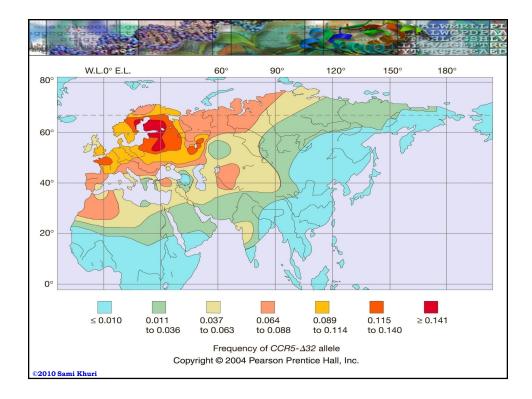


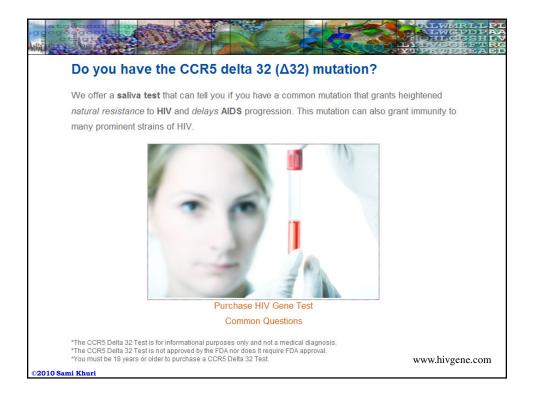


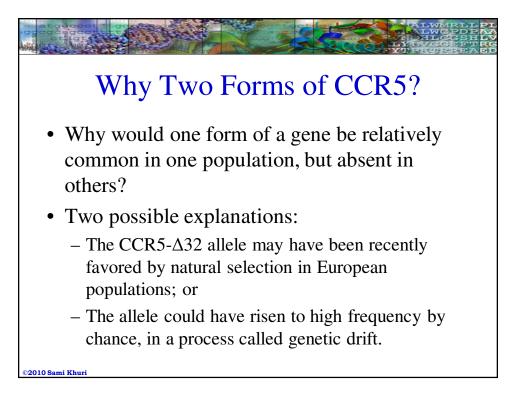


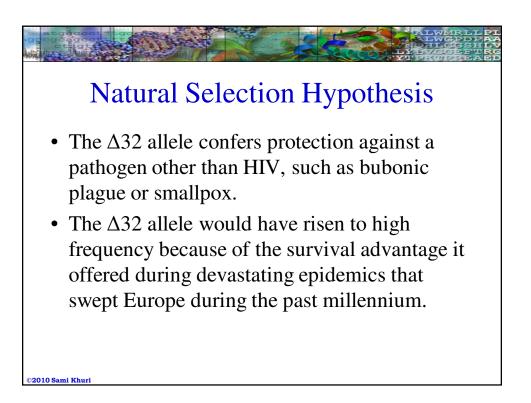


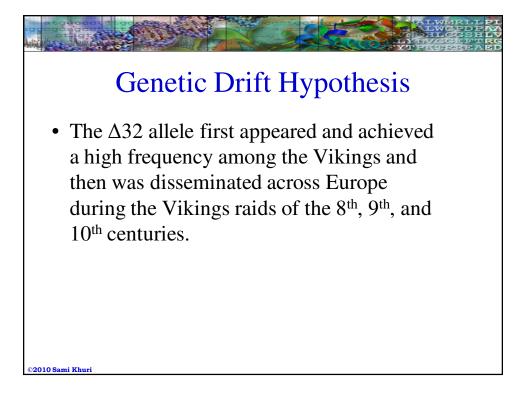


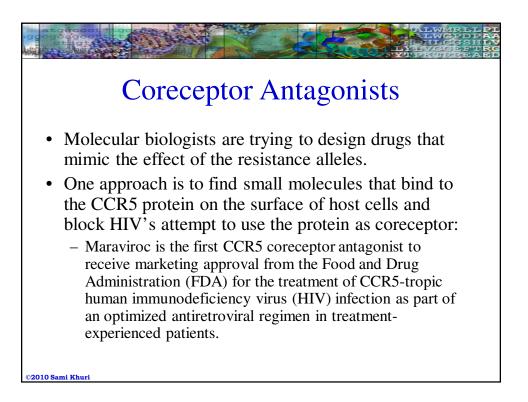


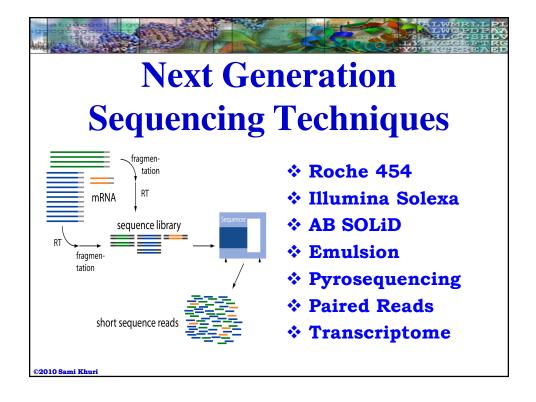


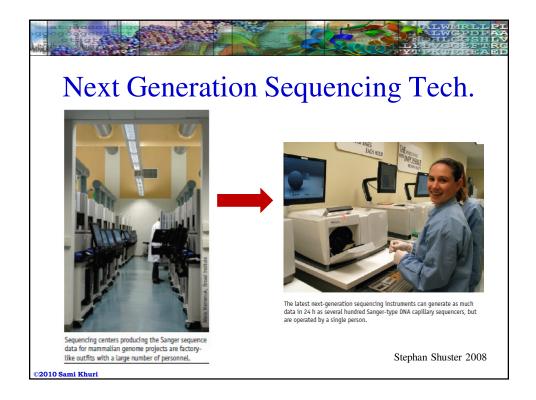


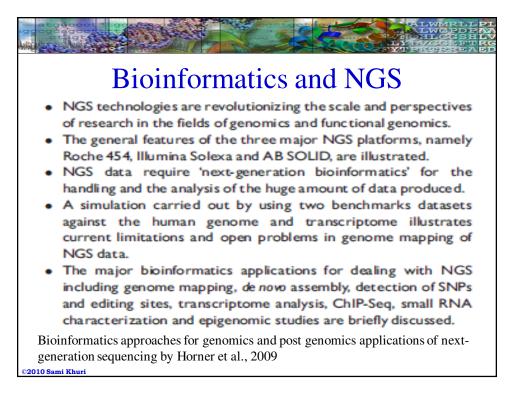


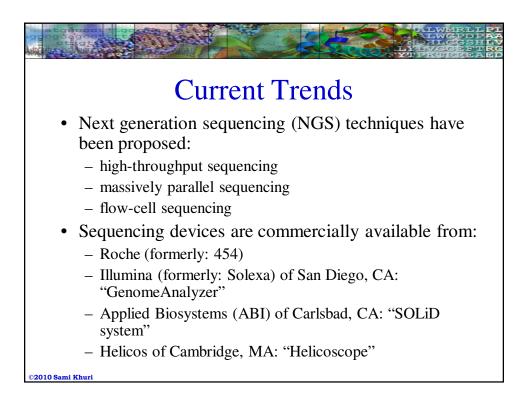


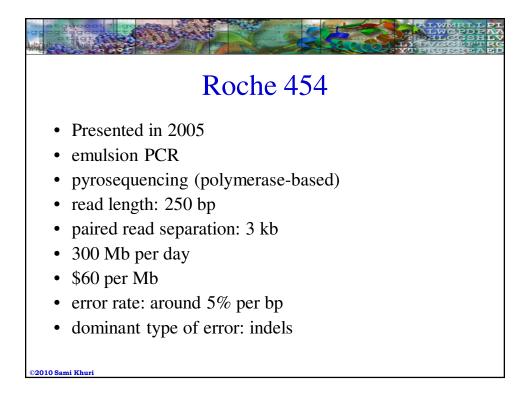


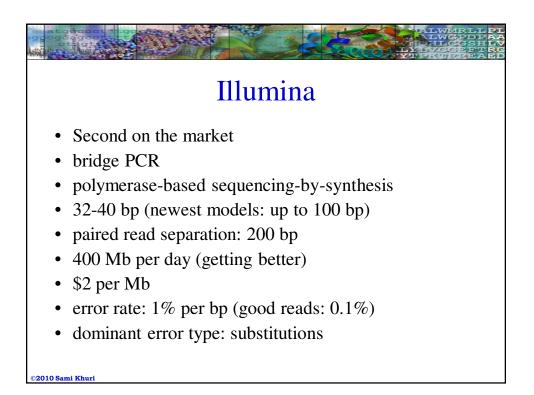


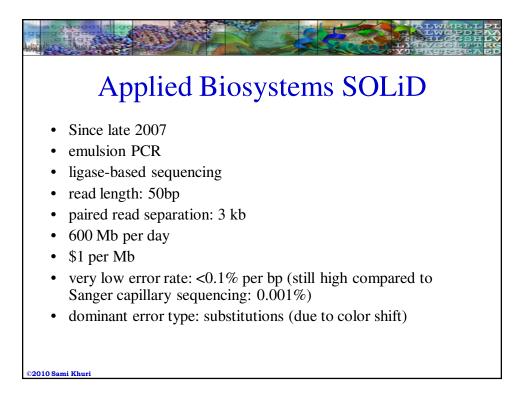


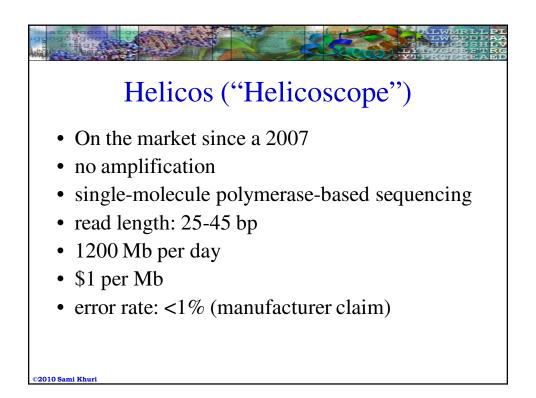


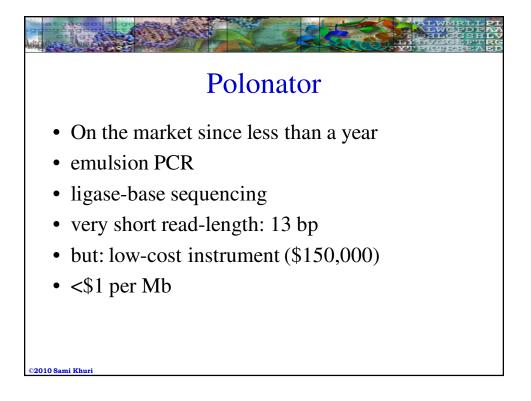


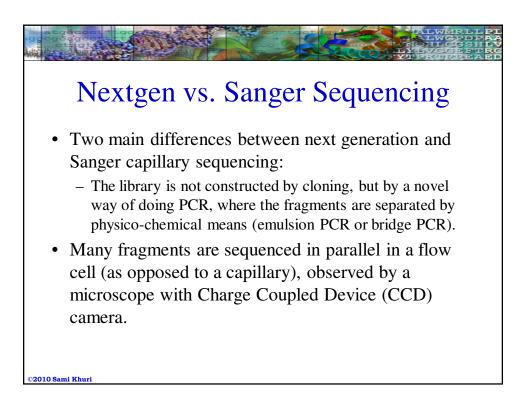


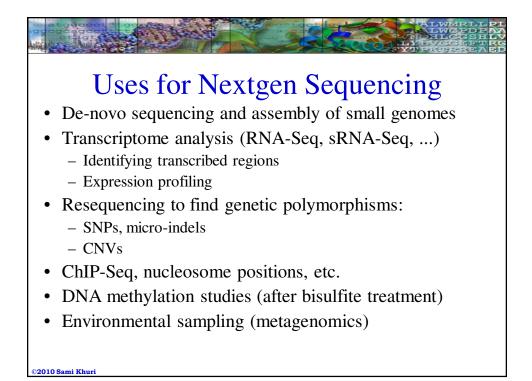


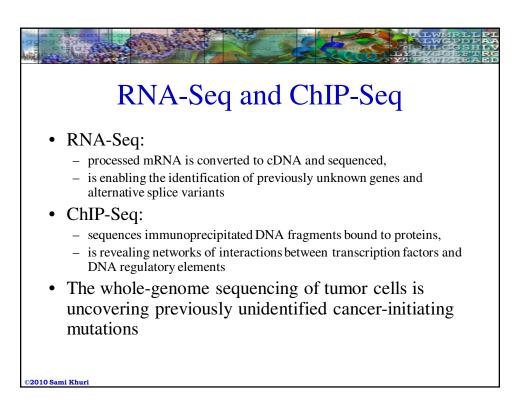


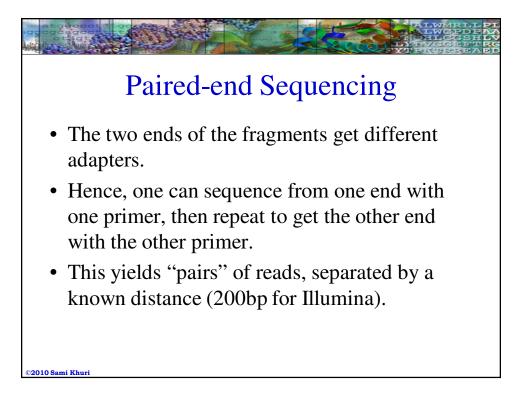


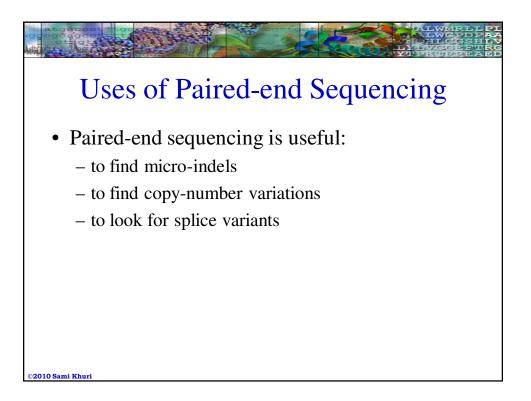


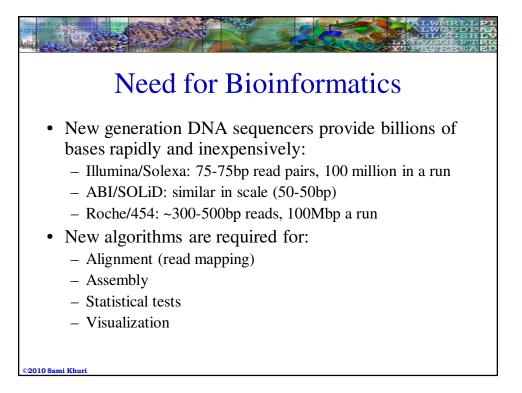


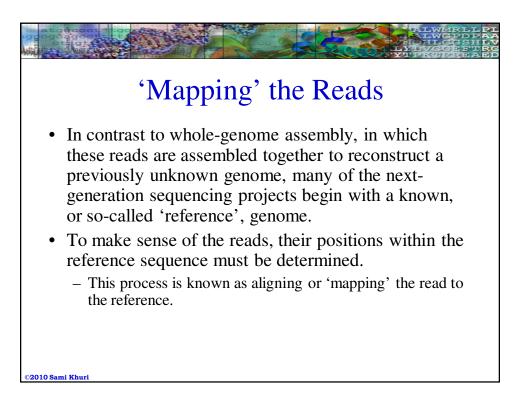


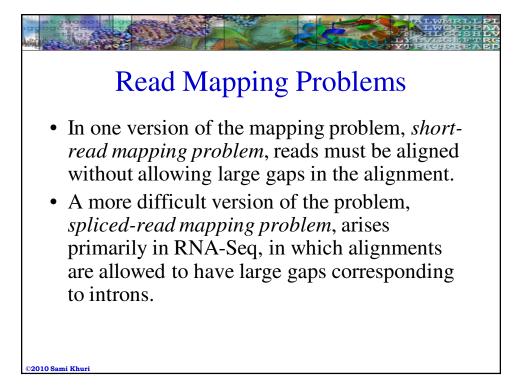


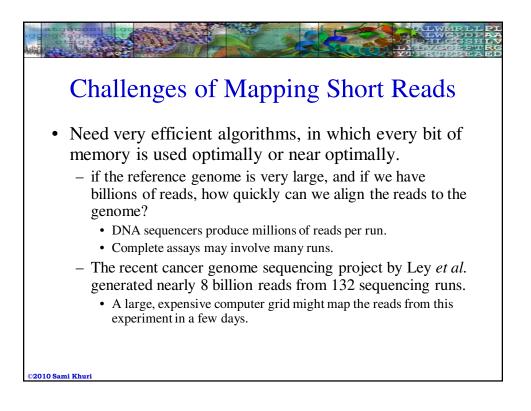




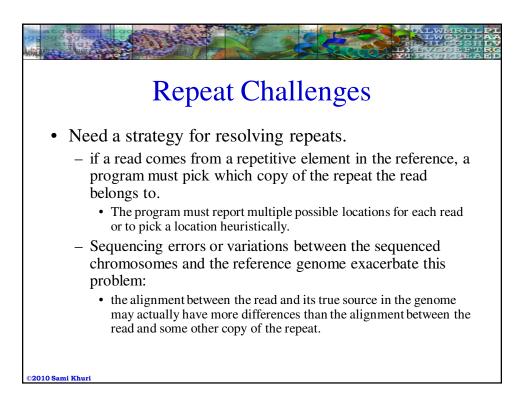


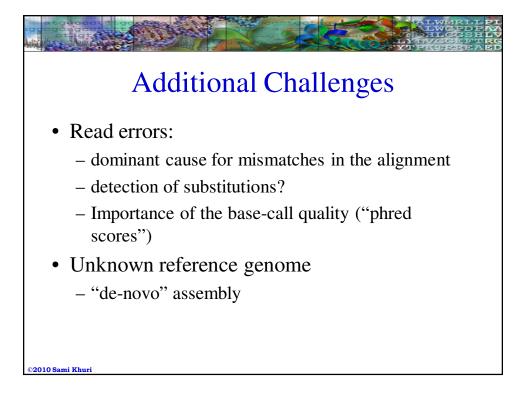






Program	BAC on MHC-162k	BAC on chr6	BAC on all
BLAST	06:56:11 (51M)	>5 days	>8 days
BLAT	00:04:06 (32M)	06:33:03 (32M)	7 days+22:47:16(32M)
RMAP	00:00:51 (1.9G)	00:27:54 (1.9G)	10:09:03 (1.9G)
Mosaik	00:05:33 (214M)	00:07:41 (3.4G)	02:11:15 (3.5G)
ZOOM	00:00:37 (1.1G)	00:06:09 (1.1G)	01:33:03 (1.1G)





Short Read Mappers						
In the last few years, many tools for short-read						
alignments have been published:						
Program	Website	Open source?	Handles ABI color space?	Maximum read length		
Bowtie	http://bowtie.cbcb.umd.edu	Yes	No	None		
BWA	http://maq.sourceforge.net/bwa-man.shtml	Yes	Yes	None		
Maq	http://maq.sourceforge.net	Yes	Yes	127		
Mosaik	http://bioinformatics.bc.edu/marthlab/Mosaik	No	Yes	None		
	http://www.novocraft.com	No	No	None		
Novoalign		NIa	No	60		
Novoalign SOAP2	http://soap.genomics.org.cn	No	NO	00		

