

NHGRI SEQUENCING UPDATE

as of 9/7/04*

ORGANISM	SEQUENCING CENTER(S)	# TRACES IN TRACE REPOSITORY	#DRAFT / #FINISHED BASES	OTHER INFORMATION
MOUSE , <i>Mus musculus</i>	BI/MIT, WUGSC, Sanger, BCM	81,033,371 traces	1,615,306 kb draft 1,626,828kb finished	Representatives of the Mouse Genome Sequencing Consortium met in March to discuss the finishing of the mouse genome. The current target for completion of the mouse genome is December 2005.
RAT , <i>Rattus norvegicus</i>	BCM-HGSC	40,129,118 traces	5,039,152 kb draft 54,631 kb finished	The Rat Genome Sequencing Project Consortium published the genome sequence and comparative analysis of the Brown Norway rat in the April 1, 2004 issue of Nature.
BOVINE , <i>Bos taurus</i>	BCM-HGSC	14,853,618 traces		The Bovine Genome Sequencing Project Advisory Committee meets monthly by telephone to discuss project progress and strategy.
CAENORHABDITIS REMANEI	WUGSC	3,799,234 traces		
CHICKEN , <i>Gallus gallus</i>	WUGSC	14,440,694 traces		The first assembly of the chicken genome was released on March 1, 2004
CHIMPANZEE , <i>Pan troglodytes</i>	WUGSC & BI/MIT	36,743,579 traces		The sequencing centers and collaborators are working to analyze the chimp genome sequence and prepare a manuscript on the draft assembly. The WUGSC is also achieving deeper sequencing coverage of the chimpanzee genome.
DOG , <i>Canis familiaris</i>	BI/MIT	36,336,851 traces		7X Genome Assembly released July 14, 2004.
DROSOPHILA ANANASSAE	Agencourt	2,772,509 traces		
DROSOPHILA PSEUDOOBSCURA	BCM-HGSC	2,640,686 traces		First freeze assembly of <i>D. pseudoobscura</i> in August 2003.
DROSOPHILA SIMULANS	WUGSC	2,128,144 traces		
DROSOPHILA VIRILIS	Agencourt	3,119,735 traces		
DROSOPHILA YAKUBA	WUGSC	2,186,989 traces		
HONEYBEE , <i>Apis mellifera</i>	BCM-HGSC	3,296,528 traces		Assembly version 1.1 released in January 2004
OPOSSUM, LABORATORY , <i>Monodelphis domestica</i>	BI/MIT	39,718,389 traces		
PLANARIAN , <i>Schmidtea mediterranea</i>	WUGSC	5,248,643 traces		
RHESUS MACAQUE , <i>Macaca mulatta</i>	Agencourt, BCM-HGSC, JCVJTC	17,056,245 traces		
SEA URCHIN , <i>Strongylocentrotus purpuratus</i>	BCM-HGSC	8,108,049 traces		
FUNGAL GENOME INITIATIVE	BI/MIT			
<i>Aspergillus nidulans</i>		623,573 traces		13X Genome Assembly released Feb 2003
<i>Aspergillus terreus</i>		4,608 traces		
<i>Coccidioides immitis</i>		529,589 traces		
<i>Coprinus cinereus</i>		711,671 traces		10X Genome Assembly released July 2003
<i>Cryptococcus neoformans</i> Serotype A		627,166 traces		11X Genome Assembly released June 2003
<i>Rhizopus oryzae</i>		876,388 traces		
<i>Ustilago maydis</i>		338,592 traces		10X Genome Assembly released July 2003