



Map Viewer Agenda Introduction and Credits Basic Searches Map Options Additional Searches BLASTing a Genome Summary Exercises Map Viewer: http://www.ncbi.nlm.nih.gov/mapview/

	Map View	er Horme)					
			The N	tap Viewer provides a wide variety of	penome mapping and sequencing dat	a. More.,	(MIA)
	Search		*	* Vertebrates			(17)
	Rearty .	Raiart Once or Onseriem	-	* Marenals			(14)
	Teacer	peret or out or organism		Presses Criantific asymp	Common name	Build	Tools
			Go	Homo sapiens	human	Build 26.2 Build 25.1	08809
	Tools Le	end	٣	Macaca mulatta Pan bogiodytes	rhesus macaque chimpanzee	Build 1.1 Build 2.1	088 0
	0.80	learch or Browse the Genon LAST Jone Finder		Fodeets Scientific name Mus musiculus	Common name laboratory mouse	Build Build 37.1 Build 37.1	121 Tools G B B G G
		ienome Resources page		Ratus norvegicus	rat	R09C x2.4	0.88.0
	News .	derence sensue anome	w ddw 10417	Mosofremes Scientific name Omitwohavchas anatinus	Common name Auto-billed clabers	Build 11	Tools
NCDI Home Gen apViewerHome	Bank B	LAST					
NCDI Home Gen sp Viewer Home >	The Ma	LAST p Viewer provides a ▶ Vertebrates	i wide var	iety of genome mapping a	nd sequencing data. <u>More.</u>		G
ap Viewer Home)	The Ma	LAST p Viewer provides a ▶ Vertebrates ▶ Invertebrates	i wide var	iety of genome mapping a	nd sequencing data. <u>More.</u>		G
ap Viewer Home) earch tearch: Select Group or Organism	The Ma	■AST > Viewer provides a > Vertebrates > Invertebrates > Protozea	i wide var i	iety of genome mapping a	nd sequencing data. <u>More.</u>		G
earch	The Ma	■AST ■ Viewer provides a ■ Vertebrates ■ Invertebrates ■ Protozea ■ Plants ④	i wide var 6	iety of genome mapping a	nd sequencing data. <u>More.</u>		Ģ
earch for:	The Ma	→ AST > Vertebrates > Invertebrates > Protozoa > Plants ③ > Fungi ③	wide var 6) 8	iety of genome mapping a	nd sequencing data <u>More.</u>		G
earch Select Group or Organism	Bank B The Ma Co Seal Ge Bade Coper	ASI Verver provides a Vertebrates Protozoa Plants Plants Pares weees	wide var (8) (8) v	lety of genome mapping a Deno web Galagatika Teenogga puttine * Teenogga puttine	nd sequencing data <u>More</u> assists obtain aster Ston	2/ Bel21 Bel21	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0











	National Center for Biotechnology National Library of Medicine Nationa tabases BLAST OMIM Books Ta	Information I Institutes of Health #Browser Structure	Genomic biology
Search All Databas	es 🗹 for 🛛 😡		link
STE MAP Aphabera Linit Resource Guide Resource Guide About NICBI An introduction to NCBI GonBank Sequence submission support and colower PubMed, CMM, Books, and PubMed Central Molecular dotabases	What does NCBI do? Established in 1988 as national resource for molecular biology information, NCBI creates public (databases, conduct seasch in computational biology, develops software tools for analysing genome data, and disseminates biomedical information- all for the better understanding of molecular processes affecting human health and disease. More about NCB NLM/NCBI H1N1 Flu Resources Newest H1N1 influenza sequences Clatation recently added to PubMed Mediarebia: (consume health information) Emiro-Health Links	Hot Spots Cutsers of arthologous groups Coffee Break, Genes & Disease, MCBI Handbook > Electronic PCR > Entrez Home > Entrez Home > Entrez Home > Gene & http://w omblus.versey > Human genome resources	Map Viewer link Map Viewer link irectly to ww.ncbi.nlm.nih.gov/mapviev
Sequences, structures, and taxonome Genomic biology The human genome, whole genome, and related resources	H1N1 Flu Info US Info: Thing You Can Do- Yan & Arepare Informational Info Ittis are CCC.are	Influenza Virus Resource Map Viewer dbMHC Mause gename resources	



SNCBI Home Gei						
lap Viewer Home						Help
	The Me	- Manage periodes a volde version of	second many interior and some second data	Mare		(m1m)
	1110 164	present promotes a more samely or y	provine mapping and sequenced usia.	Marr.		(ALL)
iearch .	w	 Vertebrates 				(17)
		* Mananals				(14)
tearch: Homo sapiens	Y	* Primates				(3)
tor: Belect Group or Organism	1 1	Scientific name	Common name	Build	Tools	
Plants		Womo sapains	human	0-14 26 2	988	
Monocots		Macaca mulata	dama marana	Duild 1.1	0.0.0	
ools Le Euclicots		Pan Inchination	chimoatzea	Build 2.1	0.8.8	
Fungi	_	- an angeodynes		NAME AND ADDRESS OF		-
Organisms Driesstee		* Postetas		0.11		(2)
Homo saciens		Scientific name	Common name	Duild 37.1	(0, 10, 10, 10, 10, 10, 10, 10, 10, 10, 1	6.0
Manaca mucana			and and a state	Build 26.1		
Pan bogkodytes	_	Rattus norvegicus	rat	R0SC v3.4	988	
Rodents		h Manufacture				
lews Ratus posterious		b Marcanials				(1)
Monotremes		> Other Mammahs				(7)
nd ann Omittortynctus anati	005	➢ Other Vertebrates				(3)
e Geno Marsuplats		Invertebrates				(12)
tp://www.Monodelphis.domesbc	0	> Protozoa				(10)
Bos taurus		v Plants (0)				6463
annotation up date for the human de	nome	- Faint g				410
VCBI Build 36.3) more		P Howering Plants (g)				(11)
Show	all	P Algor				(4)
ielated Resources	Ŧ	F moss				(17)
		- map - 5 @			W	
NCB Mah Saarh		Assessible clavable	Common hame	Build 1 1	C) (B)	
NCBI Site map		Aspengillus fumigatus		Build 2.1	9.8.8	
Genome Biology		Aspenpillus niger		Build 1.1	0.88	
Taxonomy Enhan (Ginhal Guan)		Candida glabrata		Build 1.1	988	-
BLAST		Ctypiococcus neoformans		Build 2.1	988	
Map Viewer FTP		Debaryomyces hansenii		Build 1.1	988	
mall Common		Encephalitozoon cuniculi		Build 1.1	988	
num vervälligs		Eremothecium gossypii		Build 3.1	0.0.0	
Pacteria (B)		Ciccerena zeae		Build 1.1	0.0.0	
Organelles (B)		Mananythe mises	rice blast funnus	Build 3.1	0.0.0	
Vinites (B)		Name and a state of the state o	nor constrainges	-Serie 2.1	0.0.0	





























Add Ac	Chitip://www.ncbi.nlm.nlh.pov - Map Viewer - Mozilla Firefox Organism: Homo sapieus Chromosome: [17] Region Shown: 7485755.19	s Tool
add/remove maps	Available Maps: Maps Displayed (left to right): Org: [human ➡ Assembly: reference ➡ —Sequenco Mepo- Ab initio Assembly: Calera Ganes Move UP Calera Ganes Move DOWN Celera Transcripts Component Config Component Config W	ave to Bottom
appearance	More Options: Show Connections ♥ Verbose Mode Compress Map: off ♥ Auto Compress if > 350 px Page Length 30 Thumbhail View: ③ default (ideogram) ◎ marter OK Apply Close	









Map Viewer A	Advanced Se	earch		
5	Enachfie Nomo sapiens /human) advanced search	Find Coor		
Konstantia Konstantia Konstantia Konstantia Konstantia Konstantia Konstantia Konstantia Konstantia Konstantia Konstantia Konstantia Konstantia Konstantia Konstantia	Number of Solution 0 District of Angel Angel 0 District of Angel	Note of Analysis of Analysis B Cane JD Compared Science B Cane JD Compared Science FOR B Materiel B Cane JD Come JD Die A Die Die Come JD Come JD Die B Cohen Come JD Mahata Brindpiele JD Come JD	send at load () Concernstances () Concernstances send at load () Concernstances () C	anced Search genome
 Human shown, others vary Limit to certain data types 	B = decay = 10 (A, 170, 500, 500) B = (B = 0, 500, 500, 500, 500, 500, 500, 500,	Barnelli Tamenje Barnelli Tamenje Barnelli Tamenje Barnelli Tamenje Dirac Dirac Dirac Dirac<		
 More refined searches 	beterszgunity as retection ⊕ 80-6456 ⊙ >9756 ⊙ Copyright OpenHelix. No use or repro	gefact vertains vertains vertains vertains as retraction as a retrac	0 4 0	32





















ELOTS OF Options	Contraction of the second
Image Maile Mage [46] 0 antid duration Sequence Gegence Modula To a	be a value value value value value value vente value
Org Invans ⊗ Assembly: reference ♥ Assembly: reference ♥ Gegenco.mon.pape- Assembly: reference ♥ Assembly: reference ♥ Gegenco.mon.pape- Assembly: reference ♥ Core of the core ♥	Andre Bag, C. Cord, J. 2014; S. 2014; S



