

genometa project overview

Functional requirements		status	assigned protocol #	pct done
Priority 1	1.1 Graphs	started		
	optically pleasing		27, 28, 35, 40, 45, 46, 47, 52, 53	<div><div></div></div> 75%
	editable			<div><div></div></div> 20%
	1.2 Summary of all species	discussion		
	show bacteria names			<div><div></div></div> 0%
	show summed read hits		48, 49	<div><div></div></div> 20%
	summed reads in left hand widget		36	<div><div></div></div> 10%
	1.3 Reads aligned to one species	started		
	show read positions			<div><div></div></div> 20%
	1.4 Zoomable Graphs	started		
Priority 2	show complete histogram			<div><div></div></div> 90%
	multiple zoom levels		39	<div><div></div></div> 90%
	2.1 Feature annotation track (GFF file)	not started		
	display genes at their positions			<div><div></div></div> 0%
	stack overlapping genes			<div><div></div></div> 0%
	2.2 Map RefSeq to species name	not started		
	display RefSeq and name			<div><div></div></div> 0%
	2.3 Map genera name to lineage name	not started		
	display lineage name			<div><div></div></div> 0%
	2.4 Text Export	not started		
Priority 3	export information to csv format			<div><div></div></div> 0%
	2.5 Analyze number of reads	not started		
	show number of reads in info widget			<div><div></div></div> 0%
	transcriptomics/metagenomics distinction			<div><div></div></div> 0%
	3.1 Run external aligner	discussion		
	bowtie		16, 24	<div><div></div></div> 10%
	Priority 4			
	4.1 Sequence Export	not started		
	export sequence to text			<div><div></div></div> 0%
	4.2 Graph Export	discussion		
Priority 5	export graphs to vector format			<div><div></div></div> 20%
	export graphs to raster format			<div><div></div></div> 20%
	4.3 Transcriptome analysis	not started		
	list coordinates of possible sRNAs or ORFs			<div><div></div></div> 0%
	5.1 SNP visualisation	not started		
	mismatches should be flagged and vis.			<div><div></div></div> 0%
Non-functional requirements				
Priority 1	1.1 Usability	started		
	clear und understandable menu system		29, 37, 43	<div><div></div></div> 50%
	installation guide			<div><div></div></div> 0%
	1.2 Memory efficiency	started		
	fast SAM/BAM importer/parser		10, 18, 22, 23, 30, 33	<div><div></div></div> 80%
	show current memory usage			<div><div></div></div> 100%

	parallelized			0%
Priority 2	1.4 Documentation	started		
	document source code		20, 21	100%
	how to			0%
	tips and tricks			0%
	1.5 Programming language	finished		
	Java			100%
	external libraries documented			100%
	2.1 Platform independence	started		
	platform specific installer			90%
	well organized and packaged		11, 12, 20, 21	100%
	2.2 Website	not started		
	create simple website			0%
	2.3 Open Source			
	make source code available	started	17	75%