T 7 1				1	1
Vel	vet	Α	sse	mb	ler

Coverage of Unfiltered by Filtered Assembly	Coverage of Normalized Filtered by Unfiltered Assembly	Coverage of Reference Genes by Unfiltered	Coverage of Reference Genes by Filtered	Unfiltered Assembly Statitics (No. of Contigs/Assembly Length(bp)/Max Contig Size (bp)	Normalized Assembly Statitics (No. of Contigs/Assembly Length(bp)/Max Contig Size (bp)	Unfiltered Assembly Requirements (Memory, Gb / Time (hours)
74.5%	98.6%	-	-	25,470 / 16,269,879 / 118,753	17,636 / 10,578,908 / 13,246	5 / 4
in queue	in queue	-	-	113,613 / 81,660,678 / 57,856	79,654 / 54,424,264 / 23,663	18 / 21
need to generate	need to submit	-	-			122 / 14*
in queue	in queue			92,044 / 74,813,072 / 182,003	72,705 / 49,518,627 / 34,683	11 / 14
. *	. •	=	=	543,331 / 234,686,983 / 85,596	203,299 / 181,934,800 / 145,740	76 / 8*
84.6%	98.3%	4.5%	3.9%	11,204 / 6,506,248 / 5,151	9,859 / 5,463,067 / 6,605	< 1 / < 1
Coverage of Unfiltered by Filtered Assembly	Coverage of Normalized Filtered by Unfiltered Assembly	Coverage of Reference Genes by Unfiltered	Coverage of Reference Genes by Filtered	Unfiltered Assembly Statitics (No. of Contigs/Assembly Length(bp)/Max Contig Size (bp)	Normalized Assembly Statitics (No. of Contigs/Assembly Length(bp)/Max Contig Size (bp)	Unfiltered Assembly Requirements (Memory, Gb / Time (hours)
		-	-		12,513 / 7,012,036 / 17,048	< 1 / < 1
67.5%	94.5%	-	-	76,269 / 45,844,975 / 37,738	52,978 / 30,040,031 / 18,882	2 / 2
need to generate	in queue	-	-	N/A		> 116 / incomplete
70.4%	94.4%	15.5%	13.0%	60,330 / 47,984,619 / 54,407	48,940 / 33,276,502 / 22,083	12 / 3
74.0%	96.5%	=	=	173,432 / 211,067,996 / 106,503	132,614 / 142,139,101 / 85,539	58 / 15
86.5%	93.4%	3.8%	3.5%	8,707 / 4,698,575 / 5,113	7,726 / 4,078,947 / 3,845	< 1 / <1
- 8	Unfiltered by Filtered Assembly 74.5% in queue need to generate in queue 84.6% ssembler Coverage of Unfiltered by Filtered Assembly 75.6% 67.5% need to generate 70.4% 74.0%	Unfiltered by Filtered Assembly 74.5% 98.6% in queue in queue need to generate in queue s4.6% 98.3% Seembler Coverage of Unfiltered by Filtered Assembly 75.6% 93.9% 67.5% 94.5% need to generate in queue in queue in queue in queue in queue seemble very filtered by the filtered Assembly the filtered by the filtered by the filtered Assembly the filtered by the fi	Unfiltered by Filtered Assembly Normalized Filtered by Unfiltered Assembly Reference Genes by Unfiltered 74.5% in queue need to generate in queue in queue in queue in queue 84.6% 98.6%	Unfiltered by Filtered Assembly Normalized Filtered by Unfiltered Assembly Reference Genes by Unfiltered Reference Genes by Unfiltered 74.5% 98.6% - - in queue in queue - - need to generate in queue in queue - - in queue in queue - - in queue in queue - - in queue 98.3% 4.5% 3.9% Seembler Coverage of Unfiltered by Filtered Assembly Unfiltered Assembly Unfiltered Assembly Unfiltered Assembly Unfiltered Assembly Unfiltered Assembly Unfiltered Assembly In queue In queu	Unfiltered by Filtered Assembly Unfiltered Ength(bp)/Max Contig Size (bp)	Unfiltered by Filtered Assembly Normalized Filtered by Unfiltered Genes by Unfiltered Assembly Reference Genes by Unfiltered Genes by Unfiltered (No. of Contigs/Assembly Length(bp)/Max Contig Size (bp) Normalized Assembly Statitics (No. of Contigs/Assembly Length(bp)/Max Contig Size (bp) Normalized Assembly Length(bp)/Max Contig Size (bp) <

	Coverage of Unfiltered by Filtered Assembly	Coverage of Normalized Filtered by Unfiltered Assembly	Coverage of Reference Genes by Unfiltered	Coverage of Reference Genes by Filtered	Unfiltered Assembly Statitics (No. of Contigs/Assembly Length(bp)/Max Contig Size (bp)	Normalized Assembly Statitics (No. of Contigs/Assembly Length(bp)/Max Contig Size (bp)	Unfiltered Assembly Requirements (Memory, Gb / Time (hours)
Small Soil	86.6%	95.8%	-	-	14,275 / 7,100,052 / 37,720	12,801 / 6,343,110 / 13,246	3 / < 1
Medium Soil	82.2%	95.7%	=	=	66,640 / 33,321,411 / 28,695	56,023 / 27,880,293 / 15,721	10 / < 1
Large Soil	need to generate	need to submit	=	=	412,059 / 215,614,765 / 32,514		48 / 11
Rumen	84.7%	97.3%	14.7%	13.4%	62,896 / 40,792,029 / 22,875	55,975 / 34,540,861 / 19,044	5 / < 1
Human Gut	84.9%	98.5%	-	-	190,963 / 171,502,574 / 57,803	161,795 / 139,686,630 / 56,034	35 / 5
Simulated	93.2%	96.1%	2.5%	2.4%	6,322 / 2,940,509 / 3,786	6,029 / 2,821,631 / 3,764	< 1 / < 1