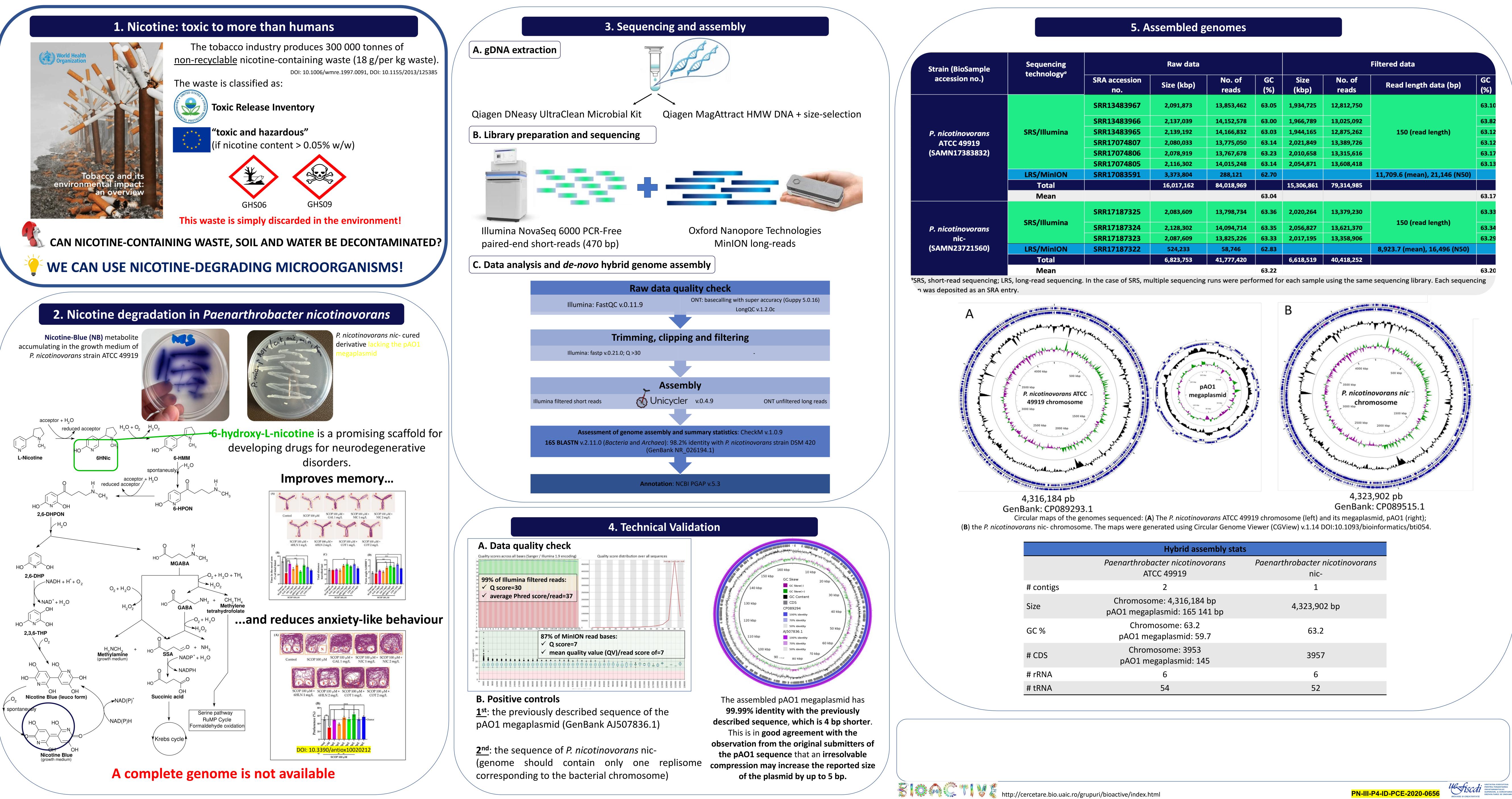


## Complete genome sequence of the well-studied nicotine-degrading microorganism *Paenarthrobacter nicotinovorans* strain ATCC 49919



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Raw data				Filtered data			
n	Size (kbp)	No. of reads	GC (%)	Size (kbp)	No. of reads	Read length data (bp)	GC (%)
7	2,091,873	13,853,462	63.05	1,934,725	12,812,750	150 (read length)	63.1
6	2,137,039	14,152,578	63.00	1,966,789	13,025,092		63.8
5	2,139,192	14,166,832	63.03	1,944,165	12,875,262		<b>63.</b>
7	2,080,033	13,775,050	63.14	2,021,849	13,389,726		63.3
6	2,078,919	13,767,678	63.23	2,010,658	13,315,616		<b>63.</b>
5	2,116,302	14,015,248	63.14	2,054,871	13,608,418		<b>63.</b> :
1	3,373,804	288,121	62.70			11,709.6 (mean), 21,146 (N50)	
	16,017,162	84,018,969		15,306,861	79,314,985		
			63.04				63.:
5	2,083,609	13,798,734	63.36	2,020,264	13,379,230	150 (read length)	63.3
4	2,128,302	14,094,714	63.35	2,056,827	13,621,370		63.3
3	2,087,609	13,825,226	63.33	2,017,195	13,358,906		63.2
2	524,233	58,746	62.83			8,923.7 (mean), 16,496 (N50)	
	6,823,753	41,777,420		6,618,519	40,418,252		

63.20

Hybrid assembly stats			
<i>robacter nicotinovorans</i> ATCC 49919	Paenarthrobacter nicotinovorans nic-		
2	1		
osome: 4,316,184 bp egaplasmid: 165 141 bp	4,323,902 bp		
nromosome: 63.2 L megaplasmid: 59.7	63.2		
romosome: 3953 1 megaplasmid: 145	3957		
6	6		
54	52		