

Table 1. Summary of the currently available *Cannabis* genome assemblies.

Cultivar	Cultivar Type	Source	NCBI BioProject	GenBank Assembly ID	WGS Accession	Sequencing Technology	Coverage	Genome Size (Mb)	Assembly Level	No. Scaffolds	Scaffold N50	No. CDS	Publication
CBDRx	Hemp	NCBI	PRJEB29284	GCA_90062475.2	UZA001	Oxford Nanopore	100x	876.148	Chromosome	221	91,912,889	33,604	Grassa et al., 2018
Finola (FN)	Hemp	NCBI	PRJNA73819	GCA_003417725.2	QKVJ02	PacBio	98x	1009.67	Chromosome	5,303	370,471	n/a	Lavery et al., 2019
Purple Kush (PK)	Drug type	NCBI	PRJNA73819	GCA_000230575.5	AGQN03	PacBio	79x	891.965	Chromosome	12,836	133,904	n/a	Lavery et al., 2019
wild <i>Cannabis</i> (CR) ¹	Wild	NCBI	PRJNA562042	GCA_013030365.1	WRXK01	PacBio	153x	812.525	Chromosome	483	82,998,198	n/a	Gao et al., 2020
Jamaican Lion (JL) Mother	Drug type	NCBI, Medicinal Genomics Website ²	PRJNA575581	GCA_012923435.1	JAATIP01	PacBio	125x	876.736	Contig	1,599	3,283,100	27,358	McKernan et al., 2020
Jamaican Lion (JL) Father	Drug type	NCBI, Medicinal Genomics Website ²	PRJNA575581	GCA_013030025.1	JAATIQ01	PacBio	125x	1009.16	Contig	1,264	1,668,042	31,591	McKernan et al., 2020
Jamaican Lion (JL) Daughter	Drug type	Medicinal Genomics Website ²	n/a	n/a	n/a	PacBio	n/a	999.122	Contig	658	3,491,975	n/a	McKernan et al., 2020
Jamaican Lion (JL) DASH	Drug type	NCBI	PRJNA486541	GCA_003660325.2	QVPT02	PacBio	125x	1333.38	Contig	556	3,811,003	n/a	McKernan et al., 2018
Chemdog91	Drug type	NCBI	PRJNA297710	GCA_001509995.1	LKUB01	Illumina	300x	285.933	Scaffold	175,088	2,250	n/a	McKernan et al., 2015
LA Confidential	Drug type	NCBI	PRJNA297710	GCA_001510005.1	LKUA01	Roche 454	50x	595.358	Contig	311,039	2,649	n/a	McKernan et al., 2015
Cannatonic	Drug type	NCBI	PRJNA350523	GCA_001865755.1	MNPR01	PacBio	10x	585.824	Contig	11,110	128,718	n/a	Unpublished
Pineapple Banana Bubba Kush	Drug type	NCBI	PRJNA378470	GCA_002090435.1	MXBD01	PacBio	72x	512.174	Contig	18,355	51,819	n/a	Unpublished

¹ Note that this wild *Cannabis* cultivar is named 'JL' elsewhere, and that it is renamed here to CR to avoid confusion with the Jamaican Lion cultivar.

² Assemblies are accessible on the Medicinal Genomics Website available at <https://www.medicinalgenomics.com/jamaican-lion-data-release/>.