

Attention: this file was produced automatically, and some statistics might not make sense for certain pipelines.

Revision: b'bigraph-v0.2.0-384-g1f376b1'

This file contains statistics about the following genome(s):

- data/reports/C.elegans_plain/s/"genome": "C.elegans", "assembler": "wtdbg2": "cli_arguments": "-x": "rs", "flye": "cli_arguments": "--pacbio-corr": true/report.tex
- data/reports/A.thaliana_plain/s/"genome": "A.thaliana", "assembler": "wtdbg2": "cli_arguments": "-x": "sq", "flye": "cli_arguments": "--pacbio-raw": true/report.tex
- data/reports/D.melanogaster_A4_plain/s/"genome": "D.melanogaster_A4", "assembler": "wtdbg2": "cli_arguments": "-x": "rs", "flye": "cli_arguments": "--pacbio-raw": true/report.tex
- data/reports/D.melanogaster_ISO1_plain/s/"genome": "D.melanogaster_ISO1", "assembler": "wtdbg2": "cli_arguments": "-x": "ont", "flye": "cli_arguments": "--nano-raw": true/report.tex

Table 1: EA50max

EA50max/Strict EA50max	YV sfa	w2 sfa	YV	frg YV	w2	flye
C.elegans_plain/a:(w:(x:rs),f:(p))	978031/604113	846349/590484	986630/621916	1009589/624411	971911/650482	1111529/980977
A.thaliana_plain/a:(w:(x:sq),f:(p))	5066278/2397721	4192426/2159187	5690800/2530237	6062526/2804952	6062701/2398686	8629107/8629107
D.melanogaster_A4_plain/a:(w:(x:rs),f:(p))	5365061/2256857	3826170/1741840	5610880/2511301	8259445/2267451	8262222/2417890	4670951/4670951
D.melanogaster_ISO1_plain/a:(w:(x:on),f:(n))	2648288/231882	2286441/231304	2285784/219411	2725710/223209	2291499/227130	6831092/3028756

Table 2: EA75max

EA75max/Strict EA75max	YV sfa	w2 sfa	YV	frg YV	w2	flye
C.elegans_plain/a:(w:(x:rs),f:(p))	536678/308970	418864/245444	536678/309257	557590/310064	536597/312849	697234/535699
A.thaliana_plain/a:(w:(x:sq),f:(p))	2159111/673960	1474012/472408	2460959/673960	2161051/678385	2161036/673960	2776666/2519058
D.melanogaster_A4_plain/a:(w:(x:rs),f:(p))	1412288/926524	953431/523044	2355902/953025	2109306/952980	2255114/926524	1416887/1340163
D.melanogaster_ISO1_plain/a:(w:(x:on),f:(n))	410385/56971	394458/52440	286082/47854	613735/53397	613729/54773	2032997/848351

Table 3: EAmeanmax

EAmeanmax/Strict EAmeanmax	YV sfa	w2 sfa	YV	frg YV	w2	flye
C.elegans_plain/a:(w:(x:rs),f:(p))	1252493/672781	1071991/672031	1275999/702848	1280753/688368	1237230/724335	1338908/1158617
A.thaliana_plain/a:(w:(x:sq),f:(p))	5009075/2861911	3874474/2432639	5472419/2915163	6016193/3015332	6014893/2813653	7493395/7115588
D.melanogaster_A4_plain/a:(w:(x:rs),f:(p))	6284403/2612610	3772457/2083601	7821887/2928302	11316405/3856188	11373739/3625907	5139324/5096962
D.melanogaster_ISO1_plain/a:(w:(x:on),f:(n))	3648311/349632	3032196/321113	3621903/345472	3704953/334838	3678925/320688	10455163/3970952

Table 4: P5k

P5k/Strict P5k	YV sfa	w2 sfa	YV	frg YV	w2	flye
C.elegans_plain/a:(w:(x:rs),f:(p))	0.967/0.966	0.962/0.961	0.967/0.966	0.965/0.964	0.962/0.961	0.968/0.968
A.thaliana_plain/a:(w:(x:sq),f:(p))	0.947/0.946	0.944/0.943	0.947/0.946	0.946/0.945	0.946/0.945	0.971/0.970
D.melanogaster_A4_plain/a:(w:(x:rs),f:(p))	0.907/0.905	0.900/0.899	0.907/0.905	0.903/0.901	0.901/0.899	0.923/0.923
D.melanogaster_ISO1_plain/a:(w:(x:on),f:(n))	0.855/0.848	0.845/0.840	0.833/0.827	0.846/0.840	0.847/0.841	0.914/0.913

Table 5: P10k

P10k/Strict P10k	YV sfa	w2 sfa	YV	frg YV	w2	flye
C.elegans_plain/a:(w:(x:rs),f:(p))	0.964/0.963	0.959/0.958	0.965/0.963	0.963/0.962	0.960/0.959	0.968/0.967
A.thaliana_plain/a:(w:(x:sq),f:(p))	0.946/0.944	0.943/0.941	0.946/0.944	0.945/0.943	0.945/0.943	0.969/0.968
D.melanogaster_A4_plain/a:(w:(x:rs),f:(p))	0.905/0.902	0.898/0.895	0.905/0.902	0.901/0.898	0.899/0.896	0.921/0.921
D.melanogaster_ISO1_plain/a:(w:(x:on),f:(n))	0.852/0.838	0.841/0.830	0.830/0.817	0.843/0.830	0.843/0.831	0.912/0.910

Table 6: P15k

P15k/Strict P15k	YV sfa	w2 sfa	YV	frg YV	w2	flye
C.elegans_plain/a:(w:(x:rs),f:(p))	0.962/0.960	0.956/0.954	0.962/0.960	0.960/0.958	0.957/0.955	0.968/0.967
A.thaliana_plain/a:(w:(x:sq),f:(p))	0.945/0.942	0.942/0.939	0.945/0.942	0.944/0.941	0.943/0.941	0.968/0.967
D.melanogaster_A4_plain/a:(w:(x:rs),f:(p))	0.903/0.899	0.895/0.891	0.903/0.899	0.900/0.896	0.897/0.893	0.920/0.919
D.melanogaster_ISO1_plain/a:(w:(x:on),f:(n))	0.850/0.829	0.839/0.821	0.829/0.808	0.841/0.821	0.842/0.823	0.910/0.907

Table 7: P20k

P20k/Strict P20k	YV sfa	w2 sfa	YV	frg YV	w2	flye
C.elegans_plain/a:(w:(x:rs),f:(p))	0.959/0.956	0.953/0.950	0.960/0.957	0.958/0.956	0.954/0.952	0.967/0.967
A.thaliana_plain/a:(w:(x:sq),f:(p))	0.944/0.941	0.941/0.937	0.945/0.941	0.943/0.939	0.943/0.939	0.967/0.966
D.melanogaster_A4_plain/a:(w:(x:rs),f:(p))	0.902/0.896	0.894/0.888	0.902/0.896	0.898/0.892	0.896/0.890	0.918/0.918
D.melanogaster_ISO1_plain/a:(w:(x:on),f:(n))	0.848/0.818	0.836/0.811	0.827/0.798	0.839/0.812	0.840/0.813	0.908/0.904

Table 8: EAMeanmax and unique misassemblies

EAMeanmax/unique mis	YV sfa	w2 sfa	YV	frg YV	w2	flye
C.elegans_plain/a:(w:(x:rs),f:(p))	1252493/111	1071991/64	1275999/119	1280753/85	1237230/79	1338908/59
A.thaliana_plain/a:(w:(x:sq),f:(p))	5009075/65	3874474/45	5472419/75	6016193/61	6014893/52	7493395/96
D.melanogaster_A4_plain/a:(w:(x:rs),f:(p))	6284403/192	3772457/141	7821887/218	11316405/168	11373739/164	5139324/233
D.melanogaster_ISO1_plain/a:(w:(x:on),f:(n))	3648311/179	3032196/87	3621903/198	3704953/123	3678925/120	10455163/338

Table 9: Number of unique/total extensive misassemblies. These do not include local misassemblies. The ‘uniqueness’ is determined heuristically.

unique/total ext. mis.	YV sfa	w2 sfa	YV	frg YV	w2	flye
C.elegans_plain/a:(w:(x:rs),f:(p))	111/136	64/65	119/145	85/97	79/80	59/58
A.thaliana_plain/a:(w:(x:sq),f:(p))	65/79	45/46	75/87	61/63	52/53	96/105
D.melanogaster_A4_plain/a:(w:(x:rs),f:(p))	192/273	141/143	218/295	168/176	164/166	233/241
D.melanogaster_ISO1_plain/a:(w:(x:on),f:(n))	179/255	87/87	198/267	123/128	120/120	338/360

Table 10: Number of unique/total local misassemblies. The ‘uniqueness’ is determined heuristically.

unique/total loc. mis.	YV sfa	w2 sfa	YV	frg YV	w2	flye
C.elegans_plain/a:(w:(x:rs),f:(p))	215/305	158/158	216/300	168/180	153/153	51/48
A.thaliana_plain/a:(w:(x:sq),f:(p))	302/386	222/226	312/397	252/257	246/251	122/138
D.melanogaster_A4_plain/a:(w:(x:rs),f:(p))	474/679	315/321	469/673	343/359	324/330	132/152
D.melanogaster_ISO1_plain/a:(w:(x:on),f:(n))	1542/2284	1167/1168	1522/2261	1274/1305	1228/1229	342/371