

What was done:

- BLAST with the database used to fish out mitocontigs against the “official” MAC assemblies
- Shown are all the contigs that are retrieved that way

Paramecium_biaurelia_V1-4

query id	subject ids	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evaluate	bit score
scaffold_0085	gi 299830252 ref NC_014262.1	85.714	56	7	1	28513	28568	8766	8820	5.19E-08	58.4
scaffold_0212	gi 8928577 ref NC_001324.1	83.068	1382	228	6	941	2319	11563	12941	0	1251
scaffold_0212	gi 299830252 ref NC_014262.1	75.786	1272	279	26	1061	2316	11498	12756	3.29E-176	616
scaffold_0385	gi 8928577 ref NC_001324.1	79.856	2224	425	18	1893	4104	19838	22050	0	1604
scaffold_0385	gi 8928577 ref NC_001324.1	76.121	1583	368	8	16	1593	17945	19522	0	821
scaffold_0742	gi 8928577 ref NC_001324.1	78.052	3563	719	52	1	3537	23050	26575	0	2189
scaffold_0822	gi 8928577 ref NC_001324.1	96.774	1643	52	1	7905	9546	2134	492	0	2739
scaffold_0822	gi 299830252 ref NC_014262.1	89.046	1625	153	14	7915	9530	1807	199	0	1991
scaffold_0963	gi 8928577 ref NC_001324.1	83.732	4979	734	62	8	4942	17984	13038	0	4638
scaffold_0963	gi 299830252 ref NC_014262.1	80.921	1520	227	49	2538	4023	15270	13780	0	1142
scaffold_0963	gi 299830252 ref NC_014262.1	76.061	1107	255	7	1123	2220	16668	15563	4.73E-163	568
scaffold_0963	gi 299830252 ref NC_014262.1	96.154	130	4	1	2369	2497	15405	15276	9.18E-56	211
scaffold_0977	gi 8928577 ref NC_001324.1	80.059	2036	364	34	167	2186	32886	30877	0	1472
scaffold_0977	gi 8928577 ref NC_001324.1	79.431	1794	359	10	2923	4712	30147	28360	0	1260
scaffold_1236	gi 8928577 ref NC_001324.1	81.073	2610	470	23	2	2600	8013	10609	0	2061
scaffold_1238	gi 8928577 ref NC_001324.1	84.545	110	16	1	18	127	7374	7266	6.51E-25	108
scaffold_1377	gi 8928577 ref NC_001324.1	76.958	1992	400	48	166	2133	33203	35159	0	1081
scaffold_1377	gi 299830252 ref NC_014262.1	80.69	290	56	0	793	1082	37549	37838	1.41E-60	226
scaffold_1510	gi 8928577 ref NC_001324.1	83.016	1784	284	18	1	1774	2947	4721	0	1598
scaffold_1510	gi 299830252 ref NC_014262.1	80.833	360	54	9	1	355	2628	2977	1.94E-73	268
scaffold_1589	gi 8928577 ref NC_001324.1	84.146	1621	252	5	5	1623	28328	26711	0	1565
scaffold_1861	gi 299830252 ref NC_014262.1	84.158	202	32	0	532	733	800	599	6.60E-52	196
scaffold_1861	gi 8928577 ref NC_001324.1	83.663	202	33	0	532	733	1118	917	3.07E-50	191

scaffold_0963 is 4949bp long

Paramecium_caudatum_43c3d

query id	subject ids	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evaluate	bit score
scaffold_0188	gi 299830252 ref NC_014262.1	93.59	5741	351	14	10	5740	10657	16390	0.00E+00	8547
scaffold_0188	gi 8928577 ref NC_001324.1	86.924	933	100	15	3702	4620	14526	15450	0	1027
scaffold_0188	gi 8928577 ref NC_001324.1	76.412	1098	231	21	4626	5719	15490	16563	5.49E-163	568
scaffold_0188	gi 8928577 ref NC_001324.1	96.875	64	2	0	3511	3574	14337	14400	1.44E-24	108
scaffold_0198	gi 299830252 ref NC_014262.1	92.13	3253	231	10	1	3253	38627	35400	0	4566
scaffold_0198	gi 8928577 ref NC_001324.1	77.431	288	64	1	796	1083	34107	33821	1.03E-43	171
scaffold_0241	gi 299830252 ref NC_014262.1	89.163	2233	235	6	1	2229	28824	31053	0	2776
scaffold_0246	gi 299830252 ref NC_014262.1	90.55	2201	202	6	1	2200	41369	43564	0	2907
scaffold_0250	gi 299830252 ref NC_014262.1	90.242	2193	184	22	1	2175	23192	25372	0	2837
scaffold_0301	gi 299830252 ref NC_014262.1	92.623	1830	125	8	1	1824	8622	6797	0	2623
scaffold_0309	gi 299830252 ref NC_014262.1	92.938	1770	123	2	1	1769	38609	40377	0.00E+00	2575
scaffold_0361	gi 299830252 ref NC_014262.1	98.984	1575	14	2	5	1579	215	1787	0.00E+00	2819
scaffold_0361	gi 8928577 ref NC_001324.1	88.896	1567	152	9	25	1577	544	2102	0	1910
scaffold_0391	gi 299830252 ref NC_014262.1	90.141	1420	134	6	33	1449	35366	33950	0	1842
scaffold_0408	gi 299830252 ref NC_014262.1	95.17	1408	67	1	1	1408	26768	25362	0	2222
scaffold_0446	gi 299830252 ref NC_014262.1	95.256	1307	60	2	1	1306	3741	5046	0.00E+00	2069
scaffold_0538	gi 299830252 ref NC_014262.1	93.029	1119	78	0	1	1119	20082	18964	0	1635
scaffold_0553	gi 299830252 ref NC_014262.1	93.716	1098	59	9	1	1098	20480	21567	0.00E+00	1637
scaffold_0615	gi 299830252 ref NC_014262.1	98.24	1023	14	3	1	1022	1852	2871	0	1786
scaffold_0615	gi 8928577 ref NC_001324.1	88.911	1028	104	8	1	1020	2169	3194	0.00E+00	1258

Paramecium_decaurelia-223

query id	subject ids	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evaluate	bit score
scaffold_0413	gi 8928577 ref NC_001324.1	81.999	17660	2933	197	124	17683	39725	22212	0.00E+00	14774
scaffold_0413	gi 8928577 ref NC_001324.1	82.767	7944	1256	96	20729	28621	19522	11641	0	6981
scaffold_0413	gi 8928577 ref NC_001324.1	89.795	4929	490	11	35254	40176	4923	2	0.00E+00	6303
scaffold_0413	gi 8928577 ref NC_001324.1	79.583	6235	1198	55	29056	35245	11206	5002	0.00E+00	4392
scaffold_0413	gi 8928577 ref NC_001324.1	81.116	2330	409	26	17880	20191	22161	19845	0	1836
scaffold_0413	gi 299830252 ref NC_014262.1	84.63	3754	511	50	36039	39761	3826	108	0.00E+00	3675
scaffold_0413	gi 299830252 ref NC_014262.1	86.243	945	114	14	24816	25755	15273	14340	0	1011
scaffold_0413	gi 299830252 ref NC_014262.1	74.984	1555	348	34	27036	28564	13052	11513	0	678
scaffold_0413	gi 299830252 ref NC_014262.1	76.087	1058	238	10	23467	24515	16603	15552	3.21E-153	538
scaffold_0413	gi 299830252 ref NC_014262.1	83.843	229	37	0	7726	7954	35630	35402	4.74E-57	219
scaffold_0413	gi 299830252 ref NC_014262.1	96.154	130	4	1	24651	24779	15405	15276	7.94E-55	211
scaffold_0413	gi 299830252 ref NC_014262.1	79.239	289	60	0	5758	6046	37837	37549	4.78E-52	202
scaffold_0413	gi 299830252 ref NC_014262.1	96.875	64	2	0	25870	25933	14224	14161	1.07E-23	108
scaffold_0610	gi 299830252 ref NC_014262.1	86.139	202	28	0	6818	7019	800	599	1.24E-57	219
scaffold_0610	gi 8928577 ref NC_001324.1	85.644	202	29	0	6818	7019	1118	917	5.75E-56	213
scaffold_0658	gi 299830252 ref NC_014262.1	83.663	202	33	0	4900	5101	800	599	1.97E-49	191
scaffold_0658	gi 8928577 ref NC_001324.1	83.168	202	34	0	4900	5101	1118	917	9.17E-48	185
scaffold_0662	gi 299830252 ref NC_014262.1	84.729	203	29	2	1086	1287	599	800	8.98E-53	202
scaffold_0662	gi 8928577 ref NC_001324.1	84.236	203	30	2	1086	1287	917	1118	4.18E-51	196
scaffold_0783	gi 299830252 ref NC_014262.1	84.158	202	32	0	318	519	599	800	2.39E-51	196
scaffold_0783	gi 8928577 ref NC_001324.1	83.663	202	33	0	318	519	917	1118	1.11E-49	191

scaffold_0413 is 42,742 bp long

Paramecium_dodecaurelia-274

query id	subject ids	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evaluate	bit score
scaffold_0436	gi 8928577 ref NC_001324.1	82.79	20070	3201	214	20094	40051	19839	39767	0.00E+00	17693
scaffold_0436	gi 8928577 ref NC_001324.1	84.094	7978	1183	70	11832	19758	11563	19505	0	7624
scaffold_0436	gi 8928577 ref NC_001324.1	91.332	4926	413	14	377	5296	2	4919	0.00E+00	6719
scaffold_0436	gi 8928577 ref NC_001324.1	82.694	3935	666	12	7531	11462	7270	11192	0.00E+00	3480
scaffold_0436	gi 8928577 ref NC_001324.1	79.26	2189	436	16	5328	7507	5021	7200	0	1511
scaffold_0436	gi 299830252 ref NC_014262.1	79.185	6798	1257	123	792	7504	108	6832	0.00E+00	4569
scaffold_0436	gi 299830252 ref NC_014262.1	86.545	929	110	12	14789	15712	14352	15270	0	1009
scaffold_0436	gi 299830252 ref NC_014262.1	74.187	1569	367	30	11952	13496	11499	13053	1.05E-177	619
scaffold_0436	gi 299830252 ref NC_014262.1	76.606	1043	222	11	16029	17054	15563	16600	3.01E-158	555
scaffold_0436	gi 299830252 ref NC_014262.1	73.951	691	165	13	34088	34768	37551	38236	5.67E-71	265
scaffold_0436	gi 299830252 ref NC_014262.1	96.923	130	3	1	15753	15881	15276	15405	1.61E-56	217
scaffold_0436	gi 299830252 ref NC_014262.1	83.406	229	38	0	32182	32410	35402	35630	2.08E-55	213
scaffold_0436	gi 299830252 ref NC_014262.1	96.875	64	2	0	14598	14661	14161	14224	1.01E-23	108
scaffold_0771	gi 299830252 ref NC_014262.1	80.072	276	45	7	4828	5098	800	530	3.01E-51	196
scaffold_0771	gi 8928577 ref NC_001324.1	83.663	202	33	0	4828	5029	1118	917	1.40E-49	191

scaffold_0436 is 40,335 bp long

Paramecium_jenningsi-M

query id	subject ids	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evalue	bit score
scaffold_0359	gi 8928577 ref NC_001324.1	87.566	4930	576	36	229	5139	2	4913	0.00E+00	5674
scaffold_0359	gi 8928577 ref NC_001324.1	80.726	6195	1078	94	13500	19637	13371	19506	0	4719
scaffold_0359	gi 8928577 ref NC_001324.1	77.904	7318	1491	110	22954	30217	22655	29900	0.00E+00	4440
scaffold_0359	gi 8928577 ref NC_001324.1	78.768	4724	911	62	6668	11328	6512	11206	0.00E+00	3083
scaffold_0359	gi 8928577 ref NC_001324.1	77.456	2586	538	36	34118	36684	33817	36376	0	1504
scaffold_0359	gi 8928577 ref NC_001324.1	80.738	1625	282	27	11784	13390	11641	13252	0.00E+00	1238
scaffold_0359	gi 8928577 ref NC_001324.1	77.022	1867	389	29	31324	33172	30999	32843	0	1035
scaffold_0359	gi 299830252 ref NC_014262.1	79.184	6812	1219	158	649	7352	112	6832	0.00E+00	4540
scaffold_0359	gi 299830252 ref NC_014262.1	79.974	1528	239	53	14093	15585	13778	15273	0.00E+00	1064
scaffold_0359	gi 299830252 ref NC_014262.1	74.737	2280	514	46	15623	17863	15276	17532	0.00E+00	963
scaffold_0359	gi 299830252 ref NC_014262.1	74.602	1571	358	32	11821	13365	11498	13053	0.00E+00	652
scaffold_0359	gi 299830252 ref NC_014262.1	71.411	822	217	14	34121	34929	37549	38365	1.62E-51	200

scaffold_0359 is 40,261 bp long

Paramecium_multimicronucleatum_M03c4

query id	subject ids	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evaluate	bit score
scaffold_0129	gi 299830252 ref NC_014262.1	80.661	4085	666	101	1287	5303	15276	19304	0.00E+00	3053
scaffold_0129	gi 299830252 ref NC_014262.1	83.541	2084	309	31	12226	14292	26859	28925	0	1917
scaffold_0129	gi 299830252 ref NC_014262.1	85.934	1301	168	14	5956	7249	19613	20905	0.00E+00	1375
scaffold_0129	gi 299830252 ref NC_014262.1	84	1125	127	36	38	1135	14169	15267	0.00E+00	1031
scaffold_0129	gi 8928577 ref NC_001324.1	85	1120	123	35	38	1132	14345	15444	0	1096
scaffold_0129	gi 8928577 ref NC_001324.1	93.985	133	6	2	1285	1417	15488	15618	5.76E-52	200
scaffold_0474	gi 299830252 ref NC_014262.1	90.089	2240	197	21	1	2230	358	2582	0	2883
scaffold_0474	gi 8928577 ref NC_001324.1	89.918	2202	203	16	38	2230	709	2900	0.00E+00	2819
scaffold_0437	gi 299830252 ref NC_014262.1	79.228	2460	434	63	6	2417	4403	6833	0.00E+00	1640
scaffold_0219	gi 299830252 ref NC_014262.1	87.423	1940	236	7	6135	8070	9059	10994	0.00E+00	2224
scaffold_0219	gi 299830252 ref NC_014262.1	80.893	1523	263	23	11	1514	2593	4106	0.00E+00	1175
scaffold_0219	gi 8928577 ref NC_001324.1	75.66	1212	265	24	1	1195	2901	4099	1.32E-165	577
scaffold_0823	gi 299830252 ref NC_014262.1	84.973	925	120	9	395	1306	25858	26776	0.00E+00	920

scaffold_0129 is 14,324 long

Paramecium_novaurelia-TE

query id	subject ids	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evalue	bit score
scaffold_0326	gi 8928577 ref NC_001324.1	79.908	17629	3267	232	19264	36772	39767	22294	0.00E+00	12678
scaffold_0326	gi 8928577 ref NC_001324.1	82.561	8045	1286	92	39424	47402	19526	11533	0	6975
scaffold_0326	gi 8928577 ref NC_001324.1	89.598	4922	482	28	53901	58807	4923	17	0.00E+00	6226
scaffold_0326	gi 8928577 ref NC_001324.1	80.904	4027	736	26	47650	51664	11284	7279	0.00E+00	3145
scaffold_0326	gi 8928577 ref NC_001324.1	80.188	2231	417	22	36903	39125	22052	19839	0	1648
scaffold_0326	gi 299830252 ref NC_014262.1	80.888	5766	986	94	52700	58408	5812	106	0.00E+00	4436
scaffold_0326	gi 299830252 ref NC_014262.1	83.524	1135	149	30	43490	44608	15273	14161	0	1026
scaffold_0326	gi 299830252 ref NC_014262.1	74.698	1988	464	31	41215	43178	17535	15563	0.00E+00	848
scaffold_0326	gi 299830252 ref NC_014262.1	73.561	1581	368	43	45703	47253	13058	11498	3.40E-159	558
scaffold_0326	gi 299830252 ref NC_014262.1	86.087	230	32	0	26897	27126	35630	35401	8.35E-66	248
scaffold_0326	gi 299830252 ref NC_014262.1	81.849	292	47	5	24927	25215	37837	37549	1.40E-63	241
scaffold_0326	gi 299830252 ref NC_014262.1	96.154	130	4	1	43324	43452	15405	15276	1.10E-54	211
scaffold_0620	gi 299830252 ref NC_014262.1	85.714	56	7	1	14519	14574	8820	8766	8.17E-09	58.4
scaffold_1395	gi 299830252 ref NC_014262.1	84.158	202	32	0	4379	4580	800	599	2.64E-51	196
scaffold_1395	gi 8928577 ref NC_001324.1	83.663	202	33	0	4379	4580	1118	917	1.23E-49	191

scaffold_0326 is 59,002 bp long

Paramecium_polycaryum_Hb20-6

query id	subject ids	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evaluate	bit score
scaffold_138	gi 299830252 ref NC_014262.1	84.698	1111	143	24	40121	41220	1540	446	0.00E+00	1085
scaffold_138	gi 299830252 ref NC_014262.1	75.652	2378	472	89	23167	25479	19269	16934	0	1085
scaffold_138	gi 299830252 ref NC_014262.1	76.18	2246	395	98	37845	40029	3803	1637	0.00E+00	1055
scaffold_138	gi 299830252 ref NC_014262.1	82.04	1186	193	17	21647	22823	20820	19646	0.00E+00	992
scaffold_138	gi 299830252 ref NC_014262.1	82.265	936	154	11	10781	11708	28266	27335	0	798
scaffold_138	gi 299830252 ref NC_014262.1	74.477	1434	321	41	35981	37390	5675	4263	2.10E-165	579
scaffold_138	gi 299830252 ref NC_014262.1	83.48	569	87	6	25977	26542	16417	15853	9.97E-149	523
scaffold_138	gi 299830252 ref NC_014262.1	77.457	763	114	47	46733	47475	2825	2101	1.36E-112	403
scaffold_138	gi 299830252 ref NC_014262.1	90.498	221	21	0	4696	4916	35622	35402	3.06E-79	292
scaffold_138	gi 299830252 ref NC_014262.1	75.092	546	123	12	19738	20276	22950	22411	3.13E-64	243
scaffold_138	gi 299830252 ref NC_014262.1	76.703	455	82	8	41246	41699	2068	1637	6.77E-61	231
scaffold_138	gi 299830252 ref NC_014262.1	81.961	255	39	7	3619	3870	37830	37580	3.17E-54	209
scaffold_138	gi 8928577 ref NC_001324.1	81.341	1104	179	23	40121	41214	1859	773	0.00E+00	872
scaffold_138	gi 8928577 ref NC_001324.1	73.66	1716	339	81	38118	39777	3843	2185	7.60E-160	560
scaffold_138	gi 8928577 ref NC_001324.1	79.793	579	78	33	46911	47475	2972	2419	4.91E-107	385
scaffold_138	gi 8928577 ref NC_001324.1	82.323	198	33	2	41503	41699	2150	1954	1.50E-42	171
scaffold_138	gi 8928577 ref NC_001324.1	82.323	198	33	2	39833	40029	2150	1954	1.50E-42	171
scaffold_138	gi 8928577 ref NC_001324.1	96.923	65	2	0	3619	3683	34099	34035	3.31E-24	110
scaffold_166	gi 299830252 ref NC_014262.1	82.235	1199	193	17	3298	4487	20833	19646	0.00E+00	1016
scaffold_166	gi 299830252 ref NC_014262.1	82.43	1070	155	22	10449	11502	15406	14354	0.00E+00	904
scaffold_166	gi 299830252 ref NC_014262.1	83.089	751	100	13	9477	10205	16417	15672	0.00E+00	658
scaffold_166	gi 299830252 ref NC_014262.1	80.363	606	112	5	8381	8981	17537	16934	6.29E-128	453
scaffold_166	gi 299830252 ref NC_014262.1	75.092	546	123	12	1402	1940	22950	22411	1.48E-64	243
scaffold_166	gi 299830252 ref NC_014262.1	74.795	365	66	22	11583	11933	14217	13865	5.56E-34	141
scaffold_166	gi 8928577 ref NC_001324.1	81.557	938	143	21	10579	11502	15449	14528	0	747

scaffold_138 is 47,499 bp long (with gaps)

I excluded this one from the paper because it has too many gaps

Paramecium_primaurelia_Ir4-2

query id	subject ids	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evaluate	bit score
scaffold_104	gi 299830252 ref NC_014262.1	85.714	56	7	1	10487	10542	8766	8820	7.86E-08	58.4
scaffold_120	gi 299830252 ref NC_014262.1	96.774	31	1	0	59381	59411	41959	41929	3.36E-06	52.8
scaffold_206	gi 8928577 ref NC_001324.1	81.379	7341	1263	83	3152	10442	7267	14553	0.00E+00	5888
scaffold_206	gi 299830252 ref NC_014262.1	74.872	1568	359	29	7578	9122	11498	13053	0.00E+00	680
scaffold_206	gi 299830252 ref NC_014262.1	76.399	411	68	23	9896	10287	13824	14224	1.95E-50	195
scaffold_216	gi 8928577 ref NC_001324.1	82.773	2856	454	29	1	2829	18715	15871	0.00E+00	2514
scaffold_216	gi 299830252 ref NC_014262.1	75.871	1119	237	20	1736	2829	16780	15670	5.88E-155	540
scaffold_217	gi 8928577 ref NC_001324.1	83.766	1657	261	8	1077	2729	19834	21486	0.00E+00	1563
scaffold_229	gi 8928577 ref NC_001324.1	85.486	1943	271	9	1	1939	26219	28154	0.00E+00	2015
scaffold_238	gi 8928577 ref NC_001324.1	86.647	1730	231	0	7	1736	29900	28171	0.00E+00	1916
scaffold_255	gi 8928577 ref NC_001324.1	81.333	1350	228	18	2	1333	8609	7266	0.00E+00	1075
scaffold_265	gi 8928577 ref NC_001324.1	84.792	1348	196	9	4	1347	32468	31126	0.00E+00	1345
scaffold_265	gi 299830252 ref NC_014262.1	85.153	229	34	0	330	558	35630	35402	1.48E-63	235
scaffold_279	gi 8928577 ref NC_001324.1	89.231	1300	136	4	7	1304	4094	2797	0.00E+00	1622
scaffold_279	gi 299830252 ref NC_014262.1	78.577	1321	249	24	4	1304	3785	2479	0.00E+00	841
scaffold_293	gi 8928577 ref NC_001324.1	82.892	1245	201	9	4	1243	11182	9945	0.00E+00	1109
scaffold_393	gi 8928577 ref NC_001324.1	96.404	1001	35	1	1	1000	630	1630	0.00E+00	1648
scaffold_393	gi 299830252 ref NC_014262.1	91.094	932	76	7	72	1000	384	1311	0.00E+00	1254

Paramecium_quadecaurelia-N1A

query id	subject ids	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evalue	bit score
scaffold_0472	gi 299830252 ref NC_014262.1	84.158	202	32	0	7785	7986	800	599	5.20E-51	196
scaffold_0472	gi 8928577 ref NC_001324.1	83.663	202	33	0	7785	7986	1118	917	2.42E-49	191
scaffold_0498	gi 299830252 ref NC_014262.1	83.663	202	33	0	1795	1996	599	800	1.85E-49	191
scaffold_0498	gi 8928577 ref NC_001324.1	83.168	202	34	0	1795	1996	917	1118	8.59E-48	185

Paramecium_septaurelia-38

query id	subject ids	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evalue	bit score
scaffold_0433	gi 8928577 ref NC_001324.1	82.638	20078	3242	205	69	20046	39767	19834	0.00E+00	17540
scaffold_0433	gi 8928577 ref NC_001324.1	83.276	11588	1784	119	20342	31845	19526	8009	0.00E+00	10521
scaffold_0433	gi 299830252 ref NC_014262.1	81.229	1481	206	54	24404	25846	15270	13824	0.00E+00	1129
scaffold_0433	gi 299830252 ref NC_014262.1	76.04	1515	314	31	22888	24363	16780	15276	0.00E+00	741
scaffold_0433	gi 299830252 ref NC_014262.1	75.064	1568	356	29	26620	28164	13053	11498	0.00E+00	697
scaffold_0433	gi 299830252 ref NC_014262.1	85.153	229	34	0	7715	7943	35630	35402	3.51E-62	235
scaffold_0433	gi 299830252 ref NC_014262.1	76.976	291	63	4	5745	6033	37839	37551	1.68E-40	163
scaffold_0575	gi 8928577 ref NC_001324.1	91.155	4918	419	15	391	5301	16	4924	0.00E+00	6658
scaffold_0575	gi 299830252 ref NC_014262.1	79.438	6799	1228	125	797	7503	112	6832	0.00E+00	4654
scaffold_0689	gi 299830252 ref NC_014262.1	84.158	202	32	0	503	704	599	800	2.49E-51	196
scaffold_0689	gi 8928577 ref NC_001324.1	83.663	202	33	0	503	704	917	1118	1.16E-49	191
scaffold_0802	gi 8928577 ref NC_001324.1	83.645	2244	356	8	974	3216	11192	8959	0.00E+00	2100
scaffold_0922	gi 8928577 ref NC_001324.1	81.497	1389	243	13	1	1384	26638	25259	0.00E+00	1129
scaffold_0959	gi 8928577 ref NC_001324.1	80.786	2113	380	21	1	2096	18444	16341	0.00E+00	1629

scaffold_0433 is 31,845 bp long

Paramecium_sexaurelia_AZ8-4

nothing

Paramecium_sonneborni-ATCC_30995

query id	subject ids	% identity	alignment length	mismatches	gap opens	q. start	q. end	s. start	s. end	evaluate	bit score
scaffold_187	gi 8928577 ref NC_001324.1	80.962	7196	1231	114	111057	118174	18775	11641	0.00E+00	5570
scaffold_187	gi 8928577 ref NC_001324.1	82.514	4352	681	69	27593	31900	11641	15956	0.00E+00	3747
scaffold_187	gi 8928577 ref NC_001324.1	78.366	3855	745	71	34930	38736	15652	19465	0.00E+00	2416
scaffold_187	gi 8928577 ref NC_001324.1	81.953	1895	316	21	9397	11278	2923	4804	0.00E+00	1581
scaffold_187	gi 8928577 ref NC_001324.1	81.517	1688	303	9	118654	120338	11179	9498	0.00E+00	1380
scaffold_187	gi 8928577 ref NC_001324.1	81.27	1543	266	20	106732	108264	21374	19845	0.00E+00	1227
scaffold_187	gi 8928577 ref NC_001324.1	82.369	1072	181	7	51300	52367	26748	27815	0.00E+00	926
scaffold_187	gi 8928577 ref NC_001324.1	74.101	2197	528	34	11425	13600	5021	7197	0.00E+00	867
scaffold_187	gi 8928577 ref NC_001324.1	82.329	979	163	8	43683	44657	20310	21282	0.00E+00	841
scaffold_187	gi 8928577 ref NC_001324.1	78.833	1285	240	26	65279	66548	31363	32630	0.00E+00	837
scaffold_187	gi 8928577 ref NC_001324.1	94.59	536	28	1	4853	5388	1908	2442	0.00E+00	828
scaffold_187	gi 8928577 ref NC_001324.1	79.33	1045	204	12	84315	85353	39716	38678	0.00E+00	723
scaffold_187	gi 8928577 ref NC_001324.1	79.539	694	136	6	74959	75649	35612	36302	3.01E-138	490
scaffold_187	gi 8928577 ref NC_001324.1	79.094	574	118	2	17887	18459	8279	8851	2.43E-109	394
scaffold_187	gi 8928577 ref NC_001324.1	76.55	516	113	8	130024	130535	5940	5429	9.18E-74	276
scaffold_187	gi 8928577 ref NC_001324.1	78.804	368	74	4	99995	100360	23938	23573	2.59E-64	244
scaffold_187	gi 299830252 ref NC_014262.1	74.591	3239	741	71	9397	12591	2604	5804	0.00E+00	1347
scaffold_187	gi 299830252 ref NC_014262.1	83.656	1138	141	33	114375	115492	15273	14161	0.00E+00	1029
scaffold_187	gi 299830252 ref NC_014262.1	83.656	1138	141	33	30275	31392	14161	15273	0.00E+00	1029
scaffold_187	gi 299830252 ref NC_014262.1	75.066	2290	489	65	112098	114337	17533	15276	0.00E+00	990
scaffold_187	gi 299830252 ref NC_014262.1	74.987	1995	441	48	35045	37005	15563	17533	0.00E+00	867
scaffold_187	gi 299830252 ref NC_014262.1	90.711	506	46	1	4883	5388	1620	2124	0.00E+00	673
scaffold_187	gi 299830252 ref NC_014262.1	72.827	1634	395	42	116593	118192	13053	11435	6.42E-145	512
scaffold_187	gi 299830252 ref NC_014262.1	72.827	1634	395	42	27575	29174	11435	13053	6.42E-145	512
scaffold_187	gi 299830252 ref NC_014262.1	78.884	502	76	23	31430	31912	15276	15766	6.99E-85	313

scaffold_187 is 141,422 bp long (with gaps)

Not in paper because of having huge gaps

Paramecium_tetraurelia.GCA_000165425

nothing

Paramecium_tredecaurelia-AP38

nothing