

Table S14: Association of CNVs, detected in CD-1 mice, with behavior in the FST. For seven different parameters of the FST (the time animals were floating, struggling, freezing or swimming, the frequency animals start floating and the latency to first floating and freezing phase) the nominal p-value and the p-value after Bonferroni correction are shown. The table is sorted by p-values of the time animals spent floating. Statistical significance is defined as $p < 0.05$ and the respective values are highlighted in red. Values showing a trend ($p < 0.1$) are highlighted in yellow.

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
222	5	12,178,347	12,178,906	559	4	0.0003	0.2245	0.7102	542.6103	0.0619	47.3233	0.3921	299.5341	0.0936	71.5094	0.9812	749.6705	0.0001	0.0467
429	10	20,924,226	20,938,033	13,807	10	0.0004	0.2715	0.8230	628.7864	0.2585	197.4781	0.6289	480.4836	0.1383	105.6792	0.5722	437.1822	0.0000	0.0220
432	10	27,471,662	27,497,089	25,427	11	0.0004	0.3414	0.4426	338.1495	0.2760	210.8596	0.9785	747.5831	0.1329	101.5087	0.7202	550.2011	0.0000	0.0049
83	2	89,760,829	89,783,357	22,528	18	0.0008	0.5815	0.2988	228.3159	0.1294	98.8791	0.6775	517.5985	0.1489	113.7889	0.5503	420.3925	0.0001	0.0573
146	3	79,517,672	79,541,183	23,511	15	0.0008	0.6236	0.2854	218.0378	0.5224	399.1073	0.6633	506.7771	0.3124	238.6589	0.6598	504.1027	0.0001	0.1078
411	9	37,086,445	37,086,843	398	5	0.0009	0.7035	0.4307	329.0364	0.2141	163.5808	0.9974	762.0411	0.1335	101.9822	0.7326	559.7310	0.0000	0.0174
439	10	65,108,691	65,113,379	4,688	7	0.0014	1.0626	0.6138	468.9061	0.3487	266.4130	0.4394	335.6717	0.0048	3.6448	0.9841	751.8619	0.0001	0.1061
288	6	75,345,457	75,345,955	498	7	0.0017	1.2679	0.9963	761.1838	0.0137	10.4785	0.3700	282.6557	0.1780	135.9926	0.6488	495.6825	0.0010	0.7496
665	16	62,626,563	62,633,214	6,651	7	0.0018	1.3838	0.9037	690.4292	0.1337	102.1228	0.9571	731.2550	0.1933	147.6722	0.9118	696.5908	0.0001	0.0480
45	1	173,168,430	173,168,911	481	10	0.0020	1.5298	0.6735	514.5462	0.1657	126.5721	0.9396	717.8475	0.2536	193.7167	0.7990	610.4337	0.0001	0.0644
725	18	69,835,601	69,836,287	686	4	0.0025	1.9122	0.3891	297.3000	0.3591	274.3534	0.8496	649.0881	0.1364	104.2295	0.3409	260.4206	0.0002	0.1418
174	3	141,728,366	141,728,691	325	4	0.0030	2.2957	0.7084	541.2529	0.1658	126.6981	0.8293	633.6096	0.2807	214.4410	0.8067	616.2881	0.0001	0.0835
315	6	139,788,838	139,789,925	1,087	7	0.0030	2.3283	0.5003	382.2611	0.1572	120.1357	0.6992	534.2054	0.7453	569.3837	0.9084	694.0544	0.0013	0.9579
106	2	147,572,128	147,572,911	783	5	0.0031	2.3897	0.0963	73.5445	0.1240	94.7577	0.0430	32.8900	0.2111	161.2624	0.2782	212.5195	0.0213	16.2419
177	3	143,512,892	143,520,968	8,076	4	0.0032	2.4687	0.3413	260.7718	0.4875	372.4585	0.1693	129.3792	0.7700	588.2557	0.1212	92.6155	0.0126	9.6568
119	2	181,026,765	181,027,369	604	7	0.0042	3.2047	0.5829	445.3165	0.4472	341.6619	0.7597	580.4120	0.4239	323.8422	0.6906	527.6036	0.0002	0.1424
351	7	78,961,795	78,971,649	9,854	10	0.0042	3.2071	0.3265	249.4393	0.4135	315.8870	0.4917	375.6548	0.8022	612.8615	0.3404	260.0546	0.0001	0.0729
193	4	89,324,010	89,327,913	3,903	9	0.0043	3.3037	0.8638	659.9684	0.3997	305.3529	0.6758	516.2846	0.3689	281.8534	0.8759	669.1753	0.0013	0.1303
29	1	132,430,355	132,474,622	44,267	14	0.0045	3.4426	0.0447	34.1887	0.6142	469.2291	0.1069	81.7039	0.0821	62.7066	0.9230	705.1511	0.0111	8.4844
41	1	155,362,668	155,395,168	32,500	26	0.0062	4.7159	0.6184	472.4305	0.5498	420.0232	0.4248	324.5448	0.2490	190.2081	0.8908	680.5776	0.0043	3.2527
84	2	89,902,828	89,923,597	20,769	7	0.0063	4.8368	0.5432	415.0385	0.2102	160.5706	0.9575	731.5321	0.0741	56.6421	0.3827	292.3622	0.0004	0.2921
633	15	22,457,663	22,478,262	20,599	9	0.0067	5.1458	0.5225	399.2042	0.4171	318.6649	0.1754	133.9779	0.1139	86.9830	0.5059	386.5436	0.0100	7.6645
112	2	158,150,954	158,151,984	1,030	7	0.0069	5.3000	0.5746	439.0306	0.0668	51.0406	0.5059	386.4831	0.7274	555.7156	0.2975	227.2524	0.0059	4.5323
110	2	152,838,130	152,838,140	10	3	0.0077	5.8570	0.0747	57.0861	0.8126	620.8221	0.0326	24.9114	0.4942	377.5708	0.3129	239.0708	0.0710	54.2611
446	10	103,379,190	103,397,024	17,834	12	0.0078	5.9239	0.8476	647.5531	0.0987	75.4112	0.8301	634.2317	0.1044	79.7393	0.6633	506.7973	0.0009	0.6924
581	14	11,851,066	11,874,015	22,949	9	0.0081	6.2137	0.7011	535.6598	0.2260	172.6775	0.6189	472.8401	0.8217	627.8098	0.7245	553.5200	0.0009	0.6803
104	2	145,449,366	145,461,121	11,755	12	0.0107	8.1923	0.3283	250.7883	0.0141	10.7348	0.5013	383.0230	0.0255	19.4859	0.2338	178.6465	0.0026	1.9643
100	2	128,720,236	128,721,154	918	8	0.0114	8.6725	0.1273	97.2260	0.4169	318.4737	0.6412	489.8771	0.7784	594.7132	0.5045	385.4622	0.0128	9.7638
468	11	45,592,572	45,593,461	889	3	0.0117	9.8641	0.2631	201.0277	0.7672	586.1102	0.1716	131.1190	0.7766	593.3462	0.6194	473.2292	0.0427	32.5854
95	2	104,754,730	104,755,713	983	6	0.0129	9.8431	0.5755	439.7025	0.1606	122.7007	0.2520	192.4924	0.6652	508.2235	0.0828	63.2643	0.0509	38.8939
583	14	13,832,594	13,842,014	9,420	6	0.0142	10.8489	0.3571	272.8273	0.5328	407.0594	0.6340	484.3955	0.6410	489.7488	0.7422	567.0055	0.0188	14.3532
28	1	130,723,207	130,733,460	10,253	10	0.0169	12.9364	0.1908	145.7961	0.4118	314.6250	0.9532	728.2719	0.9725	743.0070	0.8525	651.3047	0.0069	5.3089
567	13	104,201,097	104,203,640	2,543	4	0.0179	13.6417	0.6714	512.9676	0.1454	111.0764	0.6568	501.8134	0.3177	242.7372	0.7273	555.6772	0.0077	5.9064
630	15	21,134,231	21,172,655	38,424	11	0.0190	14.5187	0.5696	435.1850	0.8644	660.3935	0.0010	0.7323	0.0111	8.5171	0.0681	52.0313	0.2275	173.8388
64	2	38,974,768	38,976,716	1,948	5	0.0191	14.5828	0.0274	20.9265	0.9957	760.7243	0.1980	151.2660	0.1904	145.5036	0.2377	181.6307	0.0378	28.8448
628	15	19,835,128	19,869,085	33,957	5	0.0210	16.0683	0.9383	716.8550	0.1269	96.9857	0.1203	91.9117	0.2245	171.5355	0.1255	95.9131	0.0558	42.6312
660	16	32,184,109	32,184,127	18	3	0.0219	16.7694	0.8023	612.9631	0.1588	121.3583	0.5823	444.8552	0.1252	95.6548	0.6055	462.6137	0.0083	6.3444
545	13	18,383,273	18,417,107	33,834	17	0.0231	17.6427	0.3675	280.7359	0.4246	324.3876	0.0151	11.5047	0.0188	14.3717	0.8703	664.8822	0.1269	96.9450
647	15	57,135,310	57,181,123	45,813	11	0.0250	19.1033	0.2354	179.8543	0.0293	22.3877	0.4186	319.8239	0.0950	72.5445	0.8985	686.4250	0.0995	75.9990
577	13	118,198,423	118,226,410	27,987	14	0.0257	19.6417	0.1789	136.7125	0.8637	659.8533	0.3399	259.6667	0.4107	313.7799	0.6973	532.7549	0.0343	26.2356
308	6	128,729,176	128,769,001	39,825	28	0.0263	20.0956	0.9710	741.8439	0.3243	247.7714	0.3296	251.8060	0.2979	227.6057	0.1792	136.9148	0.0312	23.8524
293	6	93,784,886	93,785,383	497	3	0.0283	21.6209	0.3949	301.7075	0.1985	151.6879	0.7121	544.0477	0.6987	533.7907	0.1789	136.6492	0.0195	14.8713
606	14	75,621,182	75,623,938	2,756	8	0.0284	21.7097	0.2282	174.3382	0.6493	496.0329	0.7029	536.9998	0.4679	357.5107	0.7760	592.8931	0.0403	30.7789
605	14	74,318,558	74,331,581	13,023	7	0.0288	22.0180	0.2493	190.4581	0.6653	508.3214	0.2930	223.8185	0.4036	308.3880	0.6452	492.9481	0.0468	35.7380
535	13	7,649,110	7,724,259	75,149	19	0.0295	22.5067	0.5180	395.7343	0.7628	582.7696	0.3295	251.7585	0.8430	644.0649	0.7181	548.5931	0.0020	1.5143
493	12	33,508,991	33,511,756	2,765	8	0.0298	22.7406	0.3851	294.1978	0.4271	326.3387	0.1586	121.1819	0.2154	164.6030	0.6344	484.6768	0.0720	55.0188
386	8	29,493,904	29,531,641	37,737	6	0.0316	24.1699	0.5502	420.3694	0.0669	51.1495	0.0564	43.0852	0.7404	565.6807	0.1182	90.3024	0.1975	150.9164
178	4	3,458,919	3,479,026	20,107	8	0.0318	24.3185	0.1107	84.5898	0.1792	136.9060	0.1370	104.6760	0.2072	158.3125	0.8745	668.0807	0.0797	60.8745
326	7	5,363,956	5,499,501	135,545	21	0.0325	24.8419	0.6737	514.6717	0.9463	722.9916	0.7931	605.9202	0.7097	542.2078	0.5019	383.4627	0.0068	5.1605
392	8	52,870,886	52,923,754	52,868	16	0.0326	24.9009	0.5646	431.3336	0.0181	13.8031	0.2154	164.5954	0.0688	52.5911	0.0593	45.3087	0.0424	32.3943

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
596	14	42,076,755	42,953,331	876,576	23	0.0332	25.3685	0.7201	550.1919	0.1129	86.2824	0.0606	46.2771	0.7449	569.1168	0.9163	700.0802	0.1898	145.0283
492	12	32,849,195	32,849,548	353	2	0.0334	25.5236	0.1106	84.5221	0.5768	440.6955	0.3795	289.9500	0.2746	209.8231	0.7165	547.4023	0.0393	30.0409
673	17	6,255,961	6,909,183	653,222	59	0.0348	26.5891	0.2541	194.1065	0.0764	58.3581	0.0516	39.4377	0.1096	83.7179	0.5986	457.3302	0.1390	106.1874
113	2	158,641,258	158,643,203	1,945	5	0.0357	27.2802	0.5723	437.2117	0.1304	99.5910	0.6038	461.2861	0.8785	671.1491	0.2852	217.8928	0.0402	30.6847
438	10	64,959,612	64,965,464	5,852	4	0.0394	30.1086	0.7122	544.1266	0.4675	357.1905	0.3678	281.0064	0.0033	2.5266	0.8983	686.3075	0.0164	12.5405
686	17	34,644,200	34,650,995	6,795	8	0.0412	31.4963	0.2829	216.1395	0.0188	14.3880	0.8257	630.8121	0.5955	454.9372	0.4113	314.2165	0.0346	26.4230
396	8	76,812,850	76,823,496	10,646	6	0.0417	31.8625	0.3975	303.6697	0.0844	64.5090	0.0093	7.0972	0.0112	8.5340	0.3899	297.9143	0.2180	166.5230
467	11	41,644,605	41,644,707	102	2	0.0429	32.7609	0.2860	218.4694	0.5085	388.4583	0.2836	216.6406	0.5417	413.8369	0.7749	591.9887	0.0823	62.8767
750	19	34,662,998	34,681,285	18,287	11	0.0440	33.6398	0.3719	284.1661	0.6514	497.6963	0.1311	100.1626	0.5238	400.1619	0.0413	31.5726	0.1397	106.6958
423	9	118,476,311	118,491,621	15,310	19	0.0445	34.0280	0.2583	197.3465	0.0905	69.1044	0.2209	168.7662	0.9295	710.1180	0.8739	667.6894	0.1401	107.0434
420	9	113,721,718	113,722,368	650	6	0.0446	34.0443	0.5442	415.8013	0.8017	612.5171	0.0637	48.6580	0.1269	96.9201	0.0419	32.0189	0.1485	113.4601
643	15	48,458,300	48,477,647	19,347	3	0.0449	34.3108	0.1391	106.2448	0.0268	20.4606	0.1084	82.7909	0.1010	77.1344	0.5077	387.8724	0.1135	86.7385
387	8	30,463,842	30,483,664	19,822	4	0.0462	35.2592	0.1514	115.6942	0.0744	56.8719	0.0597	45.6014	0.6673	509.8143	0.1085	82.9107	0.2424	185.1743
421	9	114,756,414	114,766,671	10,257	11	0.0470	35.8807	0.8462	646.5277	0.5062	386.7012	0.8823	674.1000	0.7553	577.0133	0.6986	533.7401	0.0136	10.3977
649	15	57,941,561	57,943,509	1,948	10	0.0473	36.1331	0.6984	533.5945	0.0685	52.3364	0.8079	617.2382	0.9797	748.4751	0.7132	544.8561	0.0148	11.3270
98	2	119,435,715	119,443,644	7,929	14	0.0474	36.2360	0.6743	515.1826	0.0282	21.5602	0.4179	319.2462	0.7379	563.7599	0.1223	93.4302	0.0032	2.4825
272	6	45,499,299	45,520,306	21,007	9	0.0479	36.6326	0.5930	453.0449	0.3725	284.5553	0.4494	343.3657	0.3426	261.7181	0.6288	480.4080	0.0458	35.0141
731	18	74,681,698	74,696,062	14,364	9	0.0488	37.2509	0.3141	239.9407	0.2837	216.7839	0.2788	212.9875	0.4326	330.5187	0.7959	608.0938	0.0833	63.6645
168	3	133,030,667	133,030,900	233	4	0.0492	37.6236	0.5025	383.8837	0.5487	419.1772	0.6157	470.3786	0.2933	224.1134	0.3920	299.4783	0.0044	3.3636
662	16	39,667,623	39,667,660	37	2	0.0513	39.2062	0.0630	48.1691	0.3475	265.5032	0.4100	313.2512	0.5441	415.7041	0.0101	7.7321	0.0745	56.9105
347	7	55,012,164	55,036,726	24,562	3	0.0519	39.6587	0.7282	556.3160	0.4468	341.3702	0.1786	136.4597	0.8664	661.9572	0.1279	97.7212	0.1597	122.0208
117	2	162,539,702	162,582,200	42,498	13	0.0523	39.9801	0.3150	240.6764	0.1988	151.8481	0.5035	384.6614	0.5393	412.0458	0.9693	740.5710	0.1041	79.4970
546	13	19,273,334	19,275,613	2,279	9	0.0524	40.0526	0.4630	353.7123	0.0463	35.3373	0.3401	259.8060	0.9027	689.6590	0.4661	356.1090	0.1076	82.2237
651	15	59,826,344	59,837,575	11,231	5	0.0529	40.3900	0.2670	203.9872	0.0667	50.9498	0.3805	290.7078	0.1422	108.6251	0.9510	726.5400	0.0484	36.9977
425	10	9,122,767	9,150,853	28,086	12	0.0529	40.4133	0.7808	596.5054	0.0209	15.9587	0.3001	229.2445	0.8509	650.0505	0.6653	508.2639	0.1330	101.5961
599	14	63,523,410	63,543,436	20,026	8	0.0533	40.7477	0.9955	760.5414	0.1770	135.2040	0.2727	208.3122	0.0619	47.2998	0.2526	193.0171	0.0546	41.6960
657	15	95,128,952	95,144,563	15,611	9	0.0575	43.9142	0.5569	425.4690	0.4330	330.8405	0.1769	135.1628	0.3918	299.3476	0.5771	440.8761	0.1432	109.3905
544	13	17,574,927	17,603,308	28,381	9	0.0593	45.3162	0.1887	144.1615	0.8341	637.2710	0.0314	23.9717	0.0145	11.1002	0.0938	71.6615	0.2005	153.1920
761	X	132,892,320	132,962,355	70,035	9	0.0619	47.3278	0.3506	267.8704	0.3931	300.3593	0.3674	280.7221	0.1559	119.1197	0.6682	510.5207	0.0606	46.3193
103	2	142,748,719	142,766,622	17,903	6	0.0628	47.9934	0.0510	38.9697	0.7819	597.3942	0.4485	342.6882	0.5311	405.7306	0.1389	106.1467	0.0736	56.2489
227	5	54,011,829	54,052,518	40,689	9	0.0630	48.1305	0.4971	379.7678	0.5113	390.6360	0.0143	10.9572	0.8170	624.1906	0.0180	13.7780	0.5796	442.8452
43	1	160,802,986	161,749,651	946,665	290	0.0641	48.9588	0.8320	635.6619	0.5428	414.7126	0.2844	217.2967	0.3799	290.2464	0.4767	364.1696	0.1028	78.5268
430	10	21,769,739	22,093,887	324,148	86	0.0644	49.2218	0.8961	684.6515	0.6402	489.1351	0.4808	367.3187	0.9961	761.0318	0.9998	763.8769	0.1002	76.5781
655	15	68,444,814	68,498,293	53,479	9	0.0645	49.2481	0.6616	505.4685	0.2113	161.4565	0.2170	165.8171	0.1178	90.0234	0.8583	655.7794	0.0995	75.9806
262	5	147,753,247	147,754,272	1,025	9	0.0664	50.7108	0.0650	49.6508	0.2772	211.7849	0.6172	471.5636	0.0795	60.7541	0.4431	338.5007	0.0302	23.0380
585	14	31,420,361	31,420,623	262	6	0.0727	55.5601	0.4211	321.6868	0.1080	82.5316	0.3757	287.0119	0.9370	715.8816	0.7732	590.7056	0.1359	103.8038
713	17	88,952,743	88,963,711	10,968	20	0.0747	57.0680	0.5846	446.6025	0.7912	604.4391	0.5547	423.7954	0.0981	74.9613	0.8756	668.9583	0.0412	31.4920
475	11	64,416,011	64,432,150	16,139	6	0.0785	60.0076	0.1172	89.5406	0.6060	462.9459	0.1502	114.7561	0.1663	127.0686	0.1368	104.5140	0.1734	132.5047
194	4	98,039,179	98,039,527	348	2	0.0791	60.4398	0.7653	584.7039	0.0025	1.9342	0.0268	20.4746	0.7389	564.5405	0.2654	202.7388	0.5957	455.0794
512	12	94,915,259	94,917,313	2,054	6	0.0825	63.0188	0.2184	166.8275	0.3892	297.3168	0.5634	430.4195	0.4054	309.7087	0.3243	247.7343	0.0105	8.0204
92	2	99,858,667	99,872,693	14,026	6	0.0844	64.4764	0.7671	586.0443	0.5623	429.6162	0.7579	579.0365	0.4236	323.6501	0.0246	18.7698	0.0496	37.9011
200	4	112,348,832	113,968,233	1,619,401	160	0.0848	64.7509	0.1714	130.9292	0.9984	762.7675	0.5459	417.0489	0.2406	183.8520	0.7875	601.6821	0.0660	50.4528
15	1	77,743,451	77,769,548	26,097	15	0.0858	65.5438	0.3298	251.9885	0.0255	19.4996	0.3692	282.0835	0.1523	116.3697	0.3183	243.1600	0.0901	68.8420
111	2	157,151,875	157,154,538	2,663	7	0.0865	66.0784	0.1159	88.5616	0.0938	71.6758	0.4864	371.5871	0.3348	255.8248	0.4438	339.0661	0.2008	153.3734
338	7	35,461,546	35,461,901	355	5	0.0873	66.7243	0.9857	753.0631	0.0567	43.3063	0.3354	256.2395	0.2727	208.3134	0.1206	92.1436	0.1104	84.3182
440	10	65,208,081	65,240,478	32,397	5	0.0874	66.7836	0.8353	638.1338	0.4551	347.6672	0.5924	452.5789	0.0090	6.8820	0.9815	749.8680	0.0308	23.5486
571	13	110,285,017	110,360,210	75,193	25	0.0910	69.5433	0.2239	171.0557	0.2595	198.2426	0.8718	666.0316	0.8687	663.6825	0.9129	697.4364	0.0394	30.1346
508	12	77,397,670	77,403,999	6,329	18	0.0912	69.6576	0.9417	719.4320	0.3345	255.5294	0.1729	132.0701	0.8695	664.3284	0.0662	50.5471	0.3072	234.6865
239	5	63,315,493	63,315,979	486	3	0.0916	70.0191	0.5586	426.8063	0.9716	742.2938	0.5128	391.7954	0.0715	54.6433	0.0001	0.0621	0.0555	42.3789
334	7	20,658,198	24,083,399	3,425,201	25	0.0919	70.2450	0.4854	370.8439	0.4662	356.1580	0.0485	37.0683	0.1528	116.7086	0.0499	38.1029	0.3334	254.6885

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
72	2	67,407,575	67,425,236	17,661	4	0.0922	70.4363	0.4194	320.4306	0.3260	249.0389	0.1473	112.5548	0.9806	749.2069	0.6884	525.9542	0.3281	250.6847
627	15	18,713,339	18,756,200	42,861	14	0.0928	70.8727	0.5743	438.7498	0.9026	689.5956	0.0298	22.7340	0.0054	4.1481	0.2796	213.5768	0.2294	175.2467
243	5	77,492,850	77,510,553	17,703	9	0.0930	71.0486	0.2501	191.1093	0.4070	310.9335	0.6614	505.3249	0.1126	86.0435	0.8131	621.1960	0.0471	36.0167
565	13	101,131,358	101,185,606	54,248	42	0.0931	71.1052	0.2724	208.1157	0.8301	634.1941	0.3722	284.3421	0.5339	407.8814	0.5785	441.9557	0.1281	97.8471
46	1	173,219,128	173,222,721	3,593	17	0.0959	73.2889	0.0305	23.3325	0.3494	266.9107	0.7899	603.4771	0.7145	545.8998	0.0134	10.2753	0.0481	36.7175
763	X	154,298,124	154,298,522	398	5	0.0964	73.6164	0.4424	337.9754	0.0906	69.2036	0.3696	282.3796	0.3893	297.4236	0.1873	143.1347	0.1373	104.8971
448	10	109,341,525	109,363,075	21,550	12	0.0983	75.1105	0.6496	496.2659	0.1339	102.2951	0.5168	394.8136	0.7162	547.1782	0.5252	401.2450	0.0256	19.5224
395	8	62,393,103	62,420,070	26,967	13	0.0993	75.8331	0.2555	195.1786	0.1256	95.9862	0.3686	281.5967	0.1913	146.1249	0.7684	587.0549	0.3158	241.2700
632	15	22,146,459	22,192,021	45,562	7	0.0997	76.1511	0.2639	201.5982	0.8389	640.9297	0.0911	69.5789	0.1355	103.4890	0.2047	156.3549	0.2461	188.0060
550	13	25,542,964	25,545,689	2,725	3	0.1010	77.1376	0.7934	606.1811	0.0475	36.3086	0.6972	532.6496	0.5605	428.2340	0.3727	284.7640	0.0436	33.3182
242	5	73,849,774	73,880,229	30,455	12	0.1014	77.4349	0.7443	568.6367	0.9655	737.6427	0.5442	415.7531	0.5489	419.3273	0.7246	553.6236	0.0348	26.5745
294	6	97,429,680	97,475,425	45,745	19	0.1045	79.8348	0.9926	758.3332	0.3400	259.7775	0.6174	471.7044	0.2696	205.9909	0.8169	624.1179	0.0142	10.8188
134	3	52,324,222	52,329,358	5,136	6	0.1047	79.9843	0.3158	241.2474	0.7341	560.8854	0.2718	207.6334	0.7404	565.6699	0.1559	119.0935	0.2278	174.0702
518	12	102,582,454	102,828,642	246,188	96	0.1071	81.7890	0.4940	377.3930	0.5608	428.4565	0.2594	198.1904	0.2459	187.8694	0.4770	364.3930	0.1780	135.9705
482	11	112,741,985	112,742,345	360	2	0.1084	82.8072	0.7141	545.5580	0.3927	300.0015	0.4564	348.7066	0.4833	369.2327	0.3744	286.0667	0.1340	102.3816
352	7	79,385,029	79,385,270	241	3	0.1084	82.8294	0.9485	724.6534	0.9948	759.9906	0.3302	252.2999	0.7685	587.1392	0.5577	426.0892	0.0150	11.4453
183	4	21,584,773	21,585,024	251	4	0.1092	83.4182	0.2503	191.1979	0.9287	709.5498	0.4013	306.6302	0.8257	630.8332	0.6806	519.9705	0.0193	14.7416
695	17	45,324,397	45,349,233	24,836	10	0.1096	83.7567	0.5422	414.2654	0.4763	363.8563	0.0149	11.3547	0.1196	91.3420	0.5536	422.9846	0.5093	389.0985
24	1	118,847,466	118,897,095	49,629	12	0.1123	85.8057	0.4809	367.3905	0.0040	3.0404	0.0021	1.6270	0.0816	62.3791	0.4992	381.4137	0.7804	596.2134
42	1	159,719,419	160,644,184	924,765	434	0.1128	86.1656	0.7959	608.0882	0.8577	655.2590	0.1244	95.0237	0.3328	254.2345	0.6320	482.8389	0.2902	221.7091
498	12	57,366,059	57,387,621	21,562	8	0.1132	86.4488	0.9532	728.2317	0.5452	416.4952	0.5966	455.8356	0.7420	566.8929	0.3259	248.9626	0.1156	88.3141
115	2	159,730,233	159,749,061	18,828	7	0.1135	86.7126	0.6141	469.1879	0.2803	214.1122	0.1097	83.8315	0.8022	612.9019	0.1156	88.2886	0.4466	341.2041
354	7	86,827,857	86,840,870	13,013	32	0.1140	87.1158	0.7789	595.0507	0.0315	24.0337	0.3558	271.8471	0.3686	281.6367	0.6455	493.1549	0.3191	243.8112
682	17	32,776,807	32,785,160	8,353	9	0.1176	89.8375	0.3724	284.4971	0.8880	678.4058	0.8378	640.1006	0.6071	463.8202	0.3089	235.9706	0.0414	31.5960
345	7	54,813,251	54,974,058	160,807	21	0.1184	90.4527	0.5987	457.3878	0.8271	631.8693	0.1708	130.5141	0.8885	678.8019	0.0596	45.5394	0.3790	289.5351
215	5	6,935,526	6,993,918	58,392	8	0.1211	92.5245	0.4761	363.7100	0.6514	497.6378	0.5423	414.3243	0.2581	197.1754	0.0261	19.9351	0.0141	10.7902
631	15	21,563,129	21,834,835	271,706	50	0.1218	93.0587	0.0781	59.6582	0.6730	514.2087	0.5638	430.7449	0.5084	388.4008	0.3206	244.9087	0.1271	97.1400
437	10	61,300,867	61,301,038	171	3	0.1218	93.0810	0.0179	13.6442	0.8900	679.9470	0.5224	399.1096	0.0920	70.3087	0.5818	444.4740	0.0886	67.6994
669	16	83,059,531	83,101,057	41,526	8	0.1220	93.1896	0.3022	230.9083	0.6163	470.8851	0.1475	112.6630	0.2724	208.1174	0.4538	346.7114	0.2619	200.0675
223	5	24,721,251	24,722,132	881	2	0.1239	94.6939	0.3093	236.3239	0.1895	144.7531	0.1798	137.3318	0.6915	528.3018	0.6118	467.4313	0.4153	317.2777
652	15	59,995,445	60,044,261	48,816	12	0.1265	96.6487	0.3746	286.1622	0.2089	159.5831	0.1983	151.5134	0.0878	67.0542	0.8386	640.6536	0.1944	148.5314
284	6	70,686,052	70,700,249	14,197	8	0.1273	97.2788	0.3151	240.7674	0.4906	374.7981	0.1022	78.0633	0.5780	441.5973	0.4706	359.5652	0.4193	320.3682
388	8	34,256,748	34,305,880	49,132	12	0.1294	98.8314	0.9715	742.2017	0.1173	89.5947	0.4557	348.1721	0.1749	133.5959	0.1045	79.8383	0.1256	95.9557
393	8	53,127,775	53,284,994	157,219	33	0.1304	99.6041	0.2224	169.8884	0.1824	139.3432	0.2011	153.6170	0.4264	325.7607	0.8697	664.4872	0.4630	353.7399
681	17	31,987,684	31,988,529	845	12	0.1314	100.3550	0.8875	678.0613	0.5894	450.2979	0.4982	380.6287	0.9707	741.6010	0.5873	448.7303	0.0298	22.7326
70	2	63,192,560	63,242,247	49,687	4	0.1314	100.3759	0.9441	721.3025	0.6189	472.8179	0.2614	199.6765	0.5609	428.5043	0.7109	543.1003	0.2565	195.9545
588	14	35,539,377	35,543,834	4,457	7	0.1331	101.7131	0.0521	39.8163	0.9317	711.8515	0.7937	606.3895	0.1549	118.3171	0.3609	275.7310	0.0635	48.5479
9	1	52,348,330	52,357,761	9,431	3	0.1334	101.9237	0.4183	319.5836	0.6934	529.7862	0.2605	199.0232	0.2269	173.3802	0.4894	373.9189	0.2104	160.7190
184	4	29,707,218	29,784,325	77,107	22	0.1336	102.0910	0.0303	23.1117	0.1941	148.3285	0.6966	532.2218	0.5710	436.2077	0.4225	322.7850	0.1841	140.6662
716	18	11,268,641	11,308,509	39,868	13	0.1356	103.6294	0.9295	710.1208	0.4155	317.4448	0.6905	527.5198	0.5625	429.7475	0.0729	55.6926	0.1193	91.1672
573	13	111,250,585	111,303,484	52,899	9	0.1363	104.1085	0.9604	733.7075	0.5569	425.4342	0.4023	307.3372	0.1849	141.2692	0.9666	738.4880	0.1475	112.7032
656	15	91,559,592	91,567,072	7,480	11	0.1378	105.2997	0.7872	601.4252	0.3540	270.4828	0.9265	707.8485	0.8314	635.1871	0.9573	731.3920	0.0843	64.4319
650	15	59,688,211	59,688,516	305	3	0.1385	105.7780	0.1692	129.2496	0.2436	186.1400	0.5544	423.5560	0.1699	129.8077	0.6472	494.4492	0.1037	79.2494
241	5	72,864,953	72,887,910	22,957	4	0.1407	107.5243	0.4845	370.1524	0.7534	575.5668	0.8266	631.5419	0.4294	328.0775	0.6127	468.1387	0.0906	69.2147
456	11	3,416,276	3,416,511	235	6	0.1429	109.2080	0.5148	393.3197	0.1208	92.2767	0.0742	56.6711	0.7022	536.4752	0.9682	739.7276	0.5469	417.8555
732	18	74,750,012	74,750,945	933	4	0.1431	109.3655	0.7364	562.6026	0.1682	128.4948	0.4430	338.4743	0.6951	531.0537	0.5347	408.5337	0.2027	154.8604
497	12	57,140,406	57,157,776	17,370	11	0.1471	112.3647	0.9759	745.5853	0.7491	572.3364	0.8390	640.9606	0.9022	689.2646	0.2782	212.5534	0.1260	96.2630
170	3	137,032,543	137,036,277	3,734	6	0.1477	112.8064	0.6838	522.4602	0.2679	204.6509	0.0426	32.5237	0.3830	292.6179	0.2604	198.9672	0.5652	431.8390
551	13	26,062,769	26,097,780	35,011	6	0.1478	112.9213	0.6326	483.3114	0.4852	370.7110	0.1661	126.9136	0.9720	742.5804	0.3773	288.2465	0.0104	7.9416
570	13	110,143,424	110,148,369	4,945	4	0.1500	114.5731	0.2250	171.9248	0.7417	566.6813	0.9917	757.6694	0.6824	521.3342	0.5730	437.7410	0.0875	66.8766

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
203	4	143,539,831	143,555,553	15,722	14	0.1501	114.7102	0.0220	16.7953	0.7662	585.3524	0.9026	689.5594	0.4696	358.7625	0.6686	510.8008	0.0592	45.2662
484	11	120,870,358	120,888,586	18,228	9	0.1502	114.7610	0.5929	452.9544	0.6582	502.8307	0.0225	17.1861	0.3518	268.7784	0.0135	10.3048	0.6565	501.5889
678	17	23,102,933	23,283,132	180,199	16	0.1507	115.1317	0.2340	178.7755	0.8852	676.2702	0.8628	659.1507	0.6192	473.0806	0.2415	184.4955	0.1013	77.4141
590	14	36,600,804	36,600,995	191	3	0.1514	115.6829	0.1628	124.4129	0.9956	760.6602	0.6695	511.4917	0.2066	157.8296	0.7523	574.7755	0.1014	77.5001
17	1	79,034,685	79,074,361	39,676	13	0.1540	117.6882	0.7306	558.1725	0.0618	47.2414	0.0065	4.9395	0.3145	240.2842	0.1558	119.0524	0.8596	656.7036
278	6	68,860,428	68,900,983	40,555	15	0.1561	119.2762	0.8454	645.8797	0.7975	609.2530	0.8027	613.2626	0.9371	715.9421	0.5304	405.2389	0.1338	102.2364
715	18	8,199,910	8,205,008	5,098	4	0.1565	119.5344	0.0944	72.0962	0.5227	399.3394	0.7738	591.1719	0.8897	679.7210	0.6106	466.4851	0.0761	58.1023
161	3	112,470,201	112,489,449	19,248	15	0.1587	121.2549	0.0612	46.7613	0.0726	55.4649	0.0205	15.6917	0.8514	650.4512	0.2546	194.5327	0.8934	682.5463
697	17	49,818,440	49,818,487	47	2	0.1589	121.4190	0.5965	455.7409	0.8772	670.2030	0.1315	100.4851	0.2391	182.6744	0.9903	756.5572	0.3691	281.9630
220	5	10,562,250	10,612,072	49,822	9	0.1613	123.2084	0.5062	386.7244	0.0191	14.6004	0.0007	0.5251	0.1148	87.7075	0.6412	489.9144	0.9333	713.0146
350	7	60,618,457	60,731,880	113,423	23	0.1621	123.8713	0.4863	371.4972	0.3422	261.4066	0.8443	645.0357	0.3250	248.3253	0.9759	745.6193	0.0922	70.4609
584	14	17,144,372	17,180,428	36,056	17	0.1636	124.9633	0.9649	737.2160	0.7307	558.2880	0.3361	256.7463	0.4537	346.6064	0.6761	516.5317	0.0394	30.0994
309	6	130,065,363	130,316,515	251,152	113	0.1644	125.6376	0.4328	330.6510	0.6876	525.2910	0.7640	583.6970	0.6663	509.0184	0.9557	730.1357	0.2006	153.2658
711	17	85,125,658	85,126,027	369	8	0.1651	126.1324	0.4346	332.0216	0.0252	19.2272	0.3823	292.1015	0.7227	552.1406	0.5717	436.7890	0.2619	200.0923
3	1	23,385,680	23,385,855	175	3	0.1685	128.7174	0.4103	313.4592	0.4099	313.1972	0.2289	174.8564	0.5937	453.5489	0.5358	409.3881	0.3580	273.4849
398	8	80,087,901	80,089,033	1,132	7	0.1722	131.5487	0.1193	91.1351	0.7651	584.4991	0.8932	682.3879	0.3671	280.4669	0.9292	709.9436	0.2058	157.2090
86	2	90,687,682	90,704,935	17,253	30	0.1722	131.5488	0.3045	232.6038	0.8346	637.6083	0.2198	167.9650	0.3521	269.0398	0.3470	265.0803	0.3209	245.1763
455	10	129,849,758	129,883,067	33,309	10	0.1730	132.1984	0.7195	549.6998	0.0946	72.3060	0.2883	220.2419	0.2794	213.4278	0.9891	755.6650	0.2609	199.3109
603	14	72,957,542	72,959,141	1,599	7	0.1760	134.4296	0.1186	90.6141	0.5026	383.9781	0.5991	457.6881	0.0413	31.5336	0.7071	540.2345	0.1001	76.4757
646	15	56,628,058	56,711,813	83,755	18	0.1765	134.8760	0.2693	205.7691	0.0506	38.6511	0.4346	332.0221	0.1554	118.7602	0.9373	716.0833	0.4784	365.4638
157	3	103,421,855	103,422,775	920	8	0.1780	136.0112	0.5707	435.9968	0.3247	248.1069	0.6399	488.8866	0.8740	667.7338	0.5703	435.6713	0.1968	150.3696
327	7	6,274,816	6,275,328	512	4	0.1857	141.8463	0.7292	557.0912	0.0570	43.5381	0.6641	507.3882	0.7428	567.5324	0.6181	472.2277	0.2001	152.9055
256	5	109,297,277	109,405,615	108,338	12	0.1865	142.4608	0.2451	187.2402	0.1976	150.9845	0.5970	456.0887	0.4734	361.6418	0.1858	141.9395	0.0904	69.0397
313	6	138,345,026	138,345,242	216	3	0.1873	143.0860	0.7284	556.4755	0.1557	118.9587	0.7879	601.9743	0.5065	386.9615	0.8570	654.7420	0.1329	101.5282
407	8	124,603,535	124,616,409	12,874	7	0.1893	144.6023	0.8286	633.0540	0.2990	228.4099	0.2894	221.0900	0.1156	88.2886	0.1866	142.5649	0.2408	183.9374
490	12	29,152,942	29,155,139	2,197	3	0.1895	144.7437	0.7412	566.3025	0.0837	63.9698	0.7831	598.2918	0.2346	179.1992	0.7234	552.6623	0.2952	225.5684
231	5	56,305,332	56,639,679	334,347	64	0.1912	146.1043	0.7819	597.3825	0.1671	127.6354	0.1467	112.0631	0.2701	206.3382	0.9035	690.2696	0.4217	322.1852
668	16	82,784,724	82,800,887	16,163	7	0.1914	146.2447	0.2896	221.2305	0.5677	433.6993	0.1119	85.4589	0.1801	137.5614	0.5271	402.7246	0.4126	315.2524
640	15	47,636,509	47,639,595	3,086	5	0.1917	146.4772	0.6043	461.7141	0.3825	292.2405	0.7289	556.8950	0.9676	739.2416	0.9541	728.9584	0.0892	68.1407
61	2	23,575,240	23,694,548	119,308	14	0.1919	146.6220	0.1643	125.5042	0.1480	113.0651	0.1654	126.3838	0.8477	647.6377	0.7559	577.5054	0.5132	392.0940
47	1	175,732,220	175,912,848	180,628	66	0.1937	148.0032	0.2351	179.6492	0.3608	275.6664	0.5398	412.4236	0.8225	628.3822	0.5144	392.9806	0.0660	50.3936
718	18	28,685,988	28,686,474	486	9	0.1942	148.4061	0.0504	38.5398	0.4106	313.7150	0.7365	562.6850	0.4971	379.7505	0.3081	235.3833	0.2660	203.2458
30	1	135,250,842	135,255,585	4,743	16	0.1959	149.6524	0.8977	685.8252	0.1844	140.9106	0.0546	41.7163	0.7370	563.0785	0.1817	138.7994	0.7544	576.3629
514	12	96,196,196	96,223,173	26,977	11	0.1960	149.7719	0.1397	106.7290	0.0762	58.2197	0.1466	111.9896	0.1966	150.1778	0.9721	742.7078	0.7980	609.7084
710	17	82,353,226	82,354,184	958	3	0.1991	152.1341	0.1078	82.3799	0.9979	762.4095	0.1794	137.0846	0.2885	220.4068	0.4535	346.4628	0.4229	323.1030
699	17	50,703,622	50,708,249	4,627	6	0.2014	153.9016	0.6706	512.3357	0.8844	675.6509	0.2739	209.2262	0.8006	611.6594	0.8037	613.9968	0.0247	18.8601
723	18	57,820,265	57,902,448	82,183	39	0.2018	154.2000	0.6502	496.7423	0.5853	447.1946	0.9801	748.8154	0.2158	164.9043	0.5190	396.5016	0.0825	63.0376
474	11	62,217,314	62,234,630	17,316	19	0.2043	156.0926	0.0516	39.4066	0.4293	327.9534	0.8693	664.1801	0.7866	600.9310	0.7980	609.7037	0.1770	135.2011
218	5	7,989,617	8,014,367	24,750	6	0.2076	158.5951	0.6015	459.5099	0.3245	247.8861	0.5338	407.8562	0.1174	89.6720	0.1096	83.7165	0.1540	117.6215
226	5	52,175,933	52,192,752	16,819	9	0.2078	158.7257	0.5495	419.8310	0.2963	226.3629	0.3714	283.7210	0.5633	430.3742	0.5207	397.8214	0.3318	253.5192
54	1	191,042,126	191,079,146	37,020	18	0.2080	158.9057	0.2628	200.8103	0.9391	717.4391	0.7796	595.6243	0.8176	624.6527	0.9860	753.3114	0.1945	148.5807
683	17	33,066,096	33,073,239	7,143	22	0.2089	159.5892	0.3453	263.7903	0.0957	73.1276	0.5878	449.0896	0.2478	189.3124	0.0262	19.9906	0.1188	90.7347
51	1	177,998,116	178,000,769	2,653	5	0.2104	160.7592	0.2885	220.4039	0.3414	260.8443	0.6720	513.4042	0.6514	497.6457	0.1507	115.1093	0.2095	160.0297
564	13	95,862,954	95,864,309	1,355	4	0.2132	162.8559	0.1980	151.2448	0.5961	455.4081	0.6577	502.5180	0.6151	469.9567	0.0331	25.3000	0.0704	53.7908
318	6	140,731,823	140,757,346	25,523	9	0.2140	163.4788	0.8681	663.2372	0.4317	329.8097	0.5440	415.5796	0.6325	483.2134	0.7997	610.9742	0.3660	279.5895
101	2	131,988,279	131,995,341	7,062	4	0.2144	163.8299	0.7610	581.4421	0.0620	47.3311	0.9968	716.5660	0.0779	59.4842	0.0812	62.0707	0.2879	219.9258
444	10	87,785,880	87,786,384	504	4	0.2181	166.6397	0.7035	537.4477	0.3292	251.4759	0.3588	274.1119	0.8882	678.5769	0.6975	532.8910	0.4350	332.3760
616	14	95,445,940	95,528,057	82,117	17	0.2198	167.9161	0.2566	196.0531	0.4340	331.5784	0.3842	293.5099	0.4451	340.0276	0.9735	743.7479	0.0330	25.2454
27	1	129,051,041	129,076,535	25,494	4	0.2210	168.8327	0.1046	79.8854	0.3844	293.6498	0.4553	347.8411	0.8974	685.5924	0.1593	121.7242	0.3676	280.8733
93	2	100,669,661	100,698,052	28,391	7	0.2239	171.0901	0.6647	507.7930	0.8055	615.3715	0.9268	708.0938	0.5036	384.7548	0.0333	25.4193	0.1373	104.8786

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
389	8	50,456,466	50,456,470	4	3	0.2247	171.6771	0.0540	41.2879	0.3369	257.3576	0.8949	683.6832	0.2621	200.2491	0.9371	715.9750	0.2906	222.0562
516	12	100,077,912	100,080,008	2,096	7	0.2283	174.4536	0.5764	440.4052	0.2841	217.0629	0.5661	432.4903	0.9014	688.6636	0.6658	508.6993	0.2920	223.1050
213	5	5,584,666	5,584,972	306	7	0.2285	174.5843	0.3657	279.3611	0.5213	398.2646	0.3782	288.9069	0.2949	225.3050	0.0049	3.7650	0.0272	20.7557
623	14	112,786,859	112,786,924	65	2	0.2313	176.7275	0.2929	223.7696	0.1516	115.8542	0.3754	286.7969	0.4312	329.4465	0.0899	68.6492	0.3416	261.0202
636	15	29,502,036	29,545,764	43,728	18	0.2327	177.8047	0.6791	518.8304	0.0693	52.9710	0.0091	6.9205	0.8943	683.2450	0.6271	479.0812	0.8246	629.9913
367	7	113,403,102	113,539,296	136,194	13	0.2349	179.4710	0.5186	396.1893	0.1960	149.7804	0.3507	267.9042	0.0700	53.4642	0.3007	229.7602	0.2587	197.6171
155	3	93,569,096	94,040,272	471,176	40	0.2350	179.5408	0.6705	512.2952	0.2416	184.5810	0.3651	278.9435	0.6099	465.9276	0.9991	763.3249	0.5006	382.4613
752	19	35,148,473	35,148,919	446	5	0.2352	179.6663	0.7248	553.7279	0.8766	669.7499	0.3946	301.4455	0.9950	760.1603	0.1120	85.6049	0.4199	320.8289
2	1	20,549,514	20,552,454	2,940	4	0.2366	180.7636	0.5157	394.0067	0.4279	326.9486	0.3045	232.6160	0.1799	137.4734	0.0820	62.6458	0.6939	530.1457
658	15	97,858,331	97,859,240	909	5	0.2373	181.2931	0.1660	126.8439	0.0118	8.9787	0.1092	83.4638	0.2556	195.2541	0.7075	540.5059	0.5447	416.1885
726	18	70,602,756	70,623,157	20,401	18	0.2380	181.8248	0.4611	352.2609	0.7070	540.1415	0.9492	725.2176	0.3412	260.6631	0.2931	223.9446	0.1324	101.1313
507	12	77,072,190	77,074,593	2,403	3	0.2396	183.0763	0.6700	511.9152	0.3971	303.4104	0.2818	215.2646	0.7238	552.9578	0.0311	23.7567	0.4633	353.9509
563	13	87,580,492	87,732,309	151,817	19	0.2396	183.0810	0.3607	275.5894	0.3955	302.1456	0.3646	278.5307	0.6825	521.4187	0.1813	138.4777	0.0435	33.2670
679	17	27,427,669	27,585,674	158,005	67	0.2434	185.9669	0.3037	232.0429	0.3056	233.4519	0.1963	149.9723	0.7615	581.8122	0.7117	543.7117	0.6657	508.6212
560	13	73,527,064	73,546,036	18,972	7	0.2458	187.7569	0.5931	453.1308	0.0966	73.8319	0.3928	300.0995	0.9078	693.5246	0.1396	106.6741	0.4570	349.1851
333	7	16,481,510	16,489,413	7,903	14	0.2459	187.8622	0.5652	431.8344	0.3826	292.3291	0.0558	42.6192	0.0036	2.7159	0.2052	156.8003	0.4450	339.9959
121	3	8,555,413	8,556,638	1,225	7	0.2480	189.4736	0.3817	291.6011	0.3909	298.6403	0.6533	499.0970	0.5690	434.6824	0.4744	362.4082	0.3533	269.8940
416	9	49,959,080	49,978,944	19,864	10	0.2482	189.6193	0.5221	398.8465	0.5118	391.0332	0.8296	633.8481	0.9477	724.0244	0.4167	318.3391	0.2311	176.5475
14	1	72,198,891	72,210,724	11,833	11	0.2485	189.8329	0.1154	88.1570	0.2691	205.5996	0.7741	591.4471	0.5954	454.9148	0.7429	567.5881	0.1067	81.5491
285	6	74,552,424	74,645,435	93,011	29	0.2493	190.4858	0.3212	245.4141	0.8403	641.9677	0.4444	339.5095	0.9355	714.7150	0.5442	415.7967	0.0638	48.7626
481	11	99,948,025	99,948,032	7	3	0.2514	192.0429	0.0195	14.8721	0.1685	128.7386	0.8602	657.1549	0.9588	732.5446	0.5439	415.5321	0.1692	129.2317
414	9	39,149,141	39,234,634	85,493	13	0.2521	192.6391	0.8469	647.0324	0.7934	606.1228	0.3381	258.3034	0.9214	703.9841	0.4683	357.8114	0.0484	36.9659
257	5	112,964,873	112,965,257	384	3	0.2530	193.2656	0.0585	44.7138	0.5830	445.4126	0.5827	445.1841	0.8795	671.9036	0.6759	516.3650	0.1059	80.8895
690	17	36,167,127	36,248,347	81,220	71	0.2539	193.9760	0.1401	107.0019	0.0883	67.4830	0.3739	285.6926	0.9945	759.8314	0.2844	217.3173	0.4562	348.5086
582	14	13,703,652	13,703,878	226	2	0.2549	194.7664	0.3429	261.9714	0.7361	562.3673	0.5874	448.7704	0.2234	170.6402	0.9054	691.7028	0.1765	134.8343
85	2	90,107,247	90,107,565	318	4	0.2581	197.2062	0.2326	177.7206	0.2172	165.9434	0.6279	479.7140	0.8173	624.4389	0.7506	573.4870	0.3015	230.3665
8	1	42,233,858	42,246,588	12,730	4	0.2601	198.7009	0.6770	517.2219	0.2476	189.1546	0.9380	716.6162	0.2069	158.0393	0.0722	55.1235	0.1089	83.2223
523	12	115,034,479	115,040,077	5,598	8	0.2627	200.6805	0.3151	240.7243	0.6710	512.6150	0.3188	243.5533	0.6813	520.5167	0.1596	121.9151	0.0627	47.8755
270	6	34,205,393	34,221,475	16,082	8	0.2628	200.7985	0.0449	34.2720	0.1234	94.3151	0.0972	74.2691	0.2994	228.7641	0.2784	212.6719	0.9940	759.4012
480	11	91,549,365	91,640,179	90,814	26	0.2634	201.2166	0.6428	491.0637	0.7907	604.0749	0.2878	219.8939	0.1585	121.0664	0.5399	412.4834	0.3586	273.9990
102	2	141,299,494	141,324,822	25,328	10	0.2638	201.5450	0.4148	316.9359	0.2684	205.0933	0.5917	452.0314	0.0289	22.0988	0.1537	117.4327	0.1585	121.1045
610	14	83,692,252	83,699,784	7,532	4	0.2645	202.1116	0.3522	269.0787	0.7900	603.5238	0.5797	442.8962	0.7355	561.9409	0.9592	732.8541	0.3178	242.8054
211	5	5,129,103	5,135,345	6,242	9	0.2648	202.3227	0.3880	296.4700	0.1992	152.1897	0.3891	297.2786	0.6087	465.0206	0.1354	103.4165	0.0505	38.5472
191	4	81,900,655	81,923,439	22,784	7	0.2664	203.4992	0.4350	332.3703	0.0332	25.3912	0.0802	61.2639	0.4357	332.9083	0.6542	499.8262	0.9944	759.7163
225	5	37,404,544	37,441,150	36,606	12	0.2679	204.6541	0.9384	716.9694	0.4421	337.7452	0.1592	121.5927	0.6850	523.3035	0.7263	554.9081	0.0407	31.0936
25	1	124,786,026	124,822,324	36,298	17	0.2700	206.2870	0.1974	150.8268	0.6978	533.0940	0.5354	409.0461	0.7005	535.2187	0.8799	672.2597	0.0838	64.0087
746	19	22,260,383	22,278,255	17,872	8	0.2739	209.2335	0.0572	43.7112	0.7487	571.9929	0.6883	525.8764	0.5076	387.8250	0.7565	577.9517	0.2575	196.7510
574	13	112,541,067	112,542,692	1,625	9	0.2752	210.2330	0.7692	587.6394	0.3607	275.6047	0.4660	355.9918	0.3920	299.4958	0.4098	313.0517	0.3333	254.6033
733	18	75,257,879	75,261,870	3,991	6	0.2760	210.8670	0.3671	280.4565	0.4891	373.6563	0.8491	648.7454	0.9284	709.2813	0.7538	575.9324	0.2675	204.3482
379	7	126,590,644	126,592,641	1,997	7	0.2762	210.9940	0.0096	7.3477	0.8460	646.3615	0.7274	555.7326	0.9744	744.4131	0.7288	556.8252	0.1475	112.6624
10	1	55,456,409	55,456,847	438	4	0.2768	211.5011	0.3380	258.2696	0.1335	101.9807	0.8871	677.7619	0.8142	622.0180	0.8687	663.6598	0.2328	177.8941
709	17	80,443,846	80,449,220	5,374	17	0.2773	211.8765	0.2134	163.0094	0.9702	741.2417	0.9645	736.8708	0.7784	594.6981	0.1534	117.1913	0.2502	191.1825
491	12	30,667,058	30,671,688	4,630	16	0.2801	214.0078	0.2605	198.9974	0.8351	638.0501	0.4944	377.7308	0.2449	187.0774	0.9349	714.2604	0.2842	217.1097
575	13	114,694,855	114,724,317	29,462	12	0.2822	215.5636	0.8848	675.9808	0.4786	365.6241	0.5336	407.6577	0.6491	495.9378	0.4784	365.5166	0.3473	265.3544
341	7	39,096,069	46,665,068	7,568,999	70	0.2830	216.1793	0.7223	551.8084	0.3780	288.7850	0.8722	666.3668	0.7201	550.1874	0.0202	15.4442	0.2371	181.1296
141	3	76,770,745	76,819,643	48,898	10	0.2832	216.3597	0.1713	130.8788	0.4560	348.3655	0.7394	564.9229	0.8165	623.7968	0.7743	591.5802	0.1396	106.6769
469	11	46,482,581	46,488,864	6,283	4	0.2836	216.6450	0.4894	373.9334	0.2275	173.8373	0.3214	245.5455	0.3950	301.7563	0.4737	361.8913	0.4453	340.2039
185	4	30,266,433	30,312,363	45,930	5	0.2843	217.1848	0.0119	9.0618	0.5055	386.1692	0.6029	460.6294	0.1892	144.5593	0.4180	319.3289	0.2072	158.3178
260	5	118,388,158	118,390,795	2,637	9	0.2843	217.1872	0.2187	167.0657	0.6048	462.0621	0.5543	423.4616	0.4232	323.3628	0.4431	338.5077	0.1579	120.6433
195	4	99,656,586	99,659,910	3,324	8	0.2844	217.2662	0.1174	89.7192	0.4231	323.2291	0.6985	533.6483	0.4401	336.2264	0.0803	61.3696	0.0975	74.4645

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
445	10	99,340,365	99,364,548	24,183	8	0.2851	217.7963	0.2326	177.6817	0.2291	175.0589	0.3563	272.1801	0.8336	636.8787	0.5767	440.5705	0.4978	380.3240
494	12	38,175,763	38,194,460	18,697	6	0.2858	218.3422	0.3592	274.4430	0.6049	462.1695	0.4524	345.6716	0.6819	520.9777	0.8079	617.2611	0.4069	310.8367
290	6	75,938,517	76,017,583	79,066	26	0.2877	219.8283	0.1649	126.0114	0.8247	630.0807	0.3335	254.8163	0.6997	534.5607	0.5716	436.6798	0.0777	59.3532
176	3	142,821,258	142,823,735	2,477	8	0.2899	221.5201	0.4532	346.2224	0.3732	285.1214	0.2245	171.5043	0.2971	226.9498	0.1555	118.8021	0.8517	650.7172
391	8	52,394,663	52,466,264	71,601	14	0.2904	221.8742	0.2428	185.5357	0.0067	5.1498	0.3671	280.4714	0.9801	748.7644	0.1625	124.1531	0.5312	405.8094
663	16	44,159,384	44,159,604	220	3	0.2934	224.1760	0.8126	620.8404	0.9231	705.2566	0.2870	219.2594	0.4249	324.5965	0.4939	377.3375	0.0384	29.3284
26	1	125,564,862	125,583,245	18,383	5	0.2937	224.3608	0.0818	62.4780	0.8514	650.4911	0.7535	575.6499	0.5776	441.2548	0.7170	547.7499	0.1315	100.4601
152	3	90,910,494	91,030,404	119,910	12	0.2969	226.8100	0.3049	232.9451	0.8996	687.2778	0.8006	611.6889	0.9613	734.4521	0.7095	542.0915	0.1783	136.2153
63	2	24,535,423	24,654,597	119,174	107	0.2969	226.8118	0.2669	203.9455	0.5055	386.1991	0.2808	214.5620	0.1717	131.1929	0.0652	49.8340	0.8174	624.5047
179	4	6,095,005	6,095,833	828	2	0.2972	227.0670	0.2836	216.6756	0.7975	609.2537	0.2079	158.8369	0.5627	429.9339	0.9849	752.4270	0.6203	473.8864
756	19	50,825,237	50,868,798	43,561	17	0.2986	228.1532	0.9319	711.9729	0.1715	131.0247	0.0443	33.8381	0.0189	14.4475	0.4179	319.2430	0.6715	513.0504
314	6	139,364,857	139,412,174	47,317	19	0.3041	232.3554	0.8386	640.7197	0.8376	639.9621	0.7116	543.6896	0.4527	345.8400	0.1702	130.0599	0.2666	203.6818
621	14	110,191,067	110,226,475	35,408	15	0.3052	233.1686	0.8171	624.2813	0.9883	755.0982	0.8779	670.6884	0.5862	447.8426	0.0698	53.3232	0.1647	125.8064
182	4	19,295,055	19,299,440	4,385	4	0.3083	235.5581	0.4131	315.6000	0.5082	388.2568	0.0613	46.8468	0.0057	4.3874	0.2291	175.0116	0.5755	439.6715
204	4	144,334,174	144,334,795	621	4	0.3094	236.3710	0.3484	266.1761	0.3911	298.7946	0.8166	623.8802	0.3063	234.0040	0.1640	125.3015	0.2942	224.7453
363	7	111,428,102	111,428,284	182	3	0.3107	237.3841	0.7634	583.2692	0.8902	680.1031	0.7732	590.7364	0.5387	411.5495	0.1266	96.7313	0.3990	304.8015
237	5	59,737,484	59,830,718	93,234	21	0.3154	240.9328	0.4802	366.8663	0.7815	597.0440	0.0542	41.3905	0.9170	700.6131	0.5028	384.1050	0.9465	723.1159
464	11	33,520,397	33,534,591	14,194	17	0.3177	242.7125	0.5814	444.2016	0.6527	498.6690	0.1218	93.0340	0.0467	35.6441	0.6841	522.6225	0.5604	428.1080
701	17	53,145,663	53,184,954	39,291	15	0.3193	243.9154	0.2939	224.5188	0.7230	552.3850	0.2335	178.3918	0.6658	508.7009	0.3667	280.1962	0.6388	488.0273
604	14	73,243,966	73,249,111	5,145	6	0.3232	246.8926	0.0491	37.5206	0.7905	603.9575	0.9180	701.3295	0.0371	28.3488	0.9838	751.6059	0.1317	100.6546
192	4	89,041,272	89,044,023	2,751	11	0.3244	247.8468	0.5485	419.0807	0.3591	274.3846	0.7837	598.7262	0.8886	678.8973	0.6757	516.2063	0.2084	159.1882
216	5	7,031,786	7,048,239	16,453	7	0.3282	250.7110	0.6696	511.5486	0.3946	301.4635	0.5592	427.2589	0.3994	305.1497	0.0755	57.6493	0.3268	249.7126
488	12	18,193,095	18,552,020	358,925	63	0.3286	251.0685	0.3417	261.0791	0.0256	19.5660	0.2981	227.7725	0.5431	414.9274	0.3025	231.1311	0.7217	551.3522
611	14	84,107,263	84,127,489	20,226	7	0.3306	252.5501	0.8823	674.0709	0.0682	52.0905	0.2035	155.4813	0.2761	210.9488	0.9737	743.9178	0.5887	449.7650
753	19	38,127,355	38,132,440	5,085	12	0.3358	256.5353	0.2235	170.7223	0.7756	592.5754	0.7742	591.4717	0.3088	235.9585	0.5455	416.7583	0.2977	227.4249
556	13	67,635,961	67,639,652	3,691	5	0.3366	257.1754	0.5763	440.3044	0.1865	142.5239	0.0644	49.1724	0.1660	126.8553	0.8389	640.9478	0.8121	620.4786
664	16	45,375,511	45,390,941	15,430	5	0.3394	259.3133	0.6899	527.0611	0.0013	1.0159	0.3361	256.8034	0.4587	350.4580	0.7982	609.8556	0.7484	571.8066
127	3	19,908,299	19,908,553	254	3	0.3419	261.2258	0.7093	541.8975	0.9396	717.8365	0.0341	26.0263	0.1788	136.6245	0.0089	6.8341	0.9498	725.6852
457	11	21,397,151	21,398,878	1,727	6	0.3425	261.6483	0.2084	159.1954	0.4425	338.0437	0.1271	97.0916	0.0009	0.6826	0.1790	136.7809	0.4170	318.6104
214	5	5,954,742	6,110,511	155,769	34	0.3429	261.9850	0.8143	622.1163	0.8092	618.1986	0.4323	330.2765	0.2336	178.5075	0.0065	4.9671	0.0598	45.6582
153	3	91,831,940	91,835,321	3,381	7	0.3443	263.0258	0.1775	135.6333	0.6310	482.0509	0.6773	517.4675	0.9447	721.7859	0.6394	488.5103	0.1778	135.8083
266	6	15,857,424	15,864,027	6,603	8	0.3481	265.9506	0.8789	671.5030	0.0985	75.2220	0.2371	181.1808	0.5339	407.8912	0.1398	106.8263	0.6527	498.6333
210	5	4,844,004	4,869,796	25,792	9	0.3512	268.3427	0.6014	459.5044	0.2940	224.6382	0.4141	316.3786	0.3591	274.3801	0.0167	12.7563	0.0693	52.9650
6	1	36,837,694	36,838,290	596	10	0.3515	268.5652	0.8578	655.3908	0.4574	349.4866	0.6953	531.2422	0.1020	77.9599	0.1167	89.1630	0.6372	486.7979
740	19	13,926,464	13,952,598	26,134	18	0.3577	273.2571	0.5472	418.0473	0.2400	183.3946	0.1362	104.0210	0.1990	152.0565	0.7881	602.0969	0.6856	523.8034
50	1	177,725,275	177,729,816	4,541	7	0.3583	273.7628	0.2623	200.4132	0.2891	220.8589	0.0880	67.2572	0.2767	211.3719	0.9294	710.0632	0.8192	625.8554
287	6	75,304,536	75,338,698	34,162	33	0.3585	273.8607	0.1193	91.1741	0.5716	436.6912	0.1668	127.4617	0.7397	565.1548	0.7631	583.0137	0.0618	47.2376
75	2	77,654,621	77,675,641	21,020	7	0.3586	274.0022	0.3050	233.0289	0.5886	449.7058	0.7645	584.1093	0.7724	590.1018	0.3987	304.5704	0.3514	268.4497
18	1	95,748,149	95,795,140	46,991	8	0.3588	274.1312	0.7157	546.8011	0.7683	587.0078	0.7901	603.6126	0.4220	322.4162	0.3243	247.7686	0.2923	223.2931
615	14	91,461,859	91,492,733	30,874	4	0.3596	274.7109	0.1930	147.4157	0.7836	598.6884	0.1656	126.4893	0.3990	304.8163	0.2084	159.1930	0.7316	558.9476
291	6	79,445,527	79,447,101	1,574	5	0.3597	274.8048	0.0753	57.4960	0.7085	541.2808	0.9259	707.4165	0.3741	285.7838	0.2401	183.4041	0.2324	177.5833
738	19	11,666,254	11,674,336	8,082	7	0.3625	276.9770	0.8743	667.9575	0.8221	628.1009	0.5821	444.6989	0.5708	436.1203	0.8251	630.3668	0.4375	334.2229
140	3	75,822,052	75,927,523	105,471	32	0.3627	277.0953	0.0957	73.0905	0.3125	238.7364	0.7106	542.8730	0.8265	631.4533	0.6505	496.9505	0.1884	143.9018
758	19	52,346,092	52,353,968	7,876	6	0.3631	277.4379	0.1733	132.3899	0.2300	175.7365	0.3069	234.4994	0.1656	126.5541	0.6660	508.8304	0.4920	375.8809
451	10	117,614,479	117,746,451	131,972	25	0.3635	277.6859	0.6191	473.0177	0.8893	679.4546	0.4741	362.2349	0.1990	152.0374	0.0150	11.4405	0.3864	295.1990
310	6	130,707,413	130,787,067	79,654	17	0.3635	277.7214	0.8305	634.5070	0.6438	491.8723	0.9251	706.7927	0.2653	202.6733	0.8876	678.1576	0.3980	304.0360
22	1	116,260,504	116,348,067	87,563	21	0.3650	278.8586	0.6577	502.4876	0.5118	390.9847	0.9178	701.2059	0.5616	429.0243	0.7706	588.7523	0.2642	201.8262
224	5	24,735,376	24,752,262	16,886	8	0.3687	281.6841	0.8308	634.7188	0.3939	300.9155	0.2095	160.0774	0.9601	733.5241	0.4905	374.7675	0.0664	50.7029
339	7	35,802,070	35,807,318	5,248	12	0.3699	282.5775	0.8692	664.0479	0.0549	41.9099	0.2283	174.4224	0.4027	307.6658	0.2861	218.5633	0.6478	494.9348
114	2	159,276,790	159,289,145	12,355	7	0.3716	283.9238	0.1245	95.1307	0.5311	405.7866	0.5497	420.0007	0.1901	145.2180	0.9425	720.0495	0.7136	545.2264

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
139	3	75,701,773	75,712,088	10,315	27	0.3770	288.0070	0.2517	192.2747	0.7450	569.1532	0.5244	400.6062	0.3313	253.1366	0.3937	300.7874	0.4012	306.5014
235	5	58,053,095	58,082,352	29,257	10	0.3785	289.1691	0.9689	740.2106	0.9639	736.4424	0.4545	347.2331	0.6897	526.9685	0.8445	645.2080	0.1142	87.2415
217	5	7,052,180	7,171,279	119,099	18	0.3830	292.5872	0.5886	449.6895	0.3418	261.1709	0.2352	179.7041	0.3158	241.2972	0.0253	19.3572	0.0442	33.7708
219	5	10,100,240	10,117,317	17,077	11	0.3836	293.1046	0.7565	577.9814	0.0534	40.8115	0.0282	21.5496	0.8124	620.7077	0.2363	180.5465	0.7611	581.4624
519	12	110,355,216	110,412,139	56,923	8	0.3858	294.7843	0.5820	444.6820	0.2268	173.2656	0.9798	748.5627	0.2320	177.2261	0.8854	676.4501	0.5038	384.9377
312	6	138,231,553	138,237,439	5,886	11	0.3866	295.3511	0.9348	714.1993	0.3263	249.2790	0.6124	467.8411	0.5945	454.1916	0.9911	757.2083	0.4175	318.9890
230	5	56,051,344	56,105,526	54,182	22	0.3877	296.1944	0.7347	561.3339	0.4410	336.9547	0.4724	360.8839	0.4530	346.0756	0.6562	501.3252	0.4973	379.9305
246	5	84,551,530	84,563,500	11,970	10	0.3882	296.5661	0.9128	697.4141	0.5300	404.9202	0.3177	242.7503	0.0213	16.2691	0.4542	347.0465	0.4028	307.7373
639	15	46,239,982	46,247,063	7,081	8	0.3886	296.9186	0.8053	615.2179	0.5873	448.6847	0.6084	464.8035	0.8102	618.9658	0.3633	277.5390	0.1705	130.2338
591	14	37,935,152	37,946,976	11,824	22	0.3891	297.2673	0.3236	247.2681	0.1952	149.1568	0.4293	327.9803	0.7875	601.6175	0.6346	484.8319	0.5715	436.6431
736	19	8,566,372	8,598,321	31,949	6	0.3894	297.5384	0.8679	663.0774	0.1544	117.9747	0.6007	458.9199	0.9635	736.1358	0.5495	419.8132	0.1997	152.5393
727	18	71,609,676	71,611,282	1,606	4	0.3911	298.7856	0.0667	50.9273	0.6542	499.7804	0.8519	650.8875	0.6590	503.4604	0.3497	267.1919	0.2369	180.9836
335	7	27,627,143	27,736,250	109,107	13	0.3933	300.4599	0.4935	377.0408	0.0685	52.3557	0.1303	99.5664	0.7284	556.4640	0.8035	613.8508	0.9586	732.3697
721	18	44,715,384	44,733,855	18,471	4	0.3944	301.3271	0.1490	113.8514	0.2037	155.6612	0.7151	546.3611	0.6445	492.4356	0.9931	758.7183	0.4056	309.8771
547	13	22,180,406	22,247,428	67,022	20	0.3944	301.3308	0.3865	295.3182	0.0957	73.1037	0.0723	55.2534	0.1310	100.0476	0.3805	290.7364	0.8786	671.2326
572	13	110,512,099	110,531,531	19,432	16	0.3965	302.9042	0.1558	119.0541	0.2317	177.0480	0.1597	121.9776	0.5878	449.0794	0.0207	15.7788	0.8410	642.5405
749	19	33,521,544	33,634,022	112,478	26	0.3976	303.7393	0.9676	739.2142	0.9316	711.7544	0.3076	235.0184	0.8613	658.0566	0.1288	98.4364	0.7256	554.3254
91	2	98,502,651	98,504,185	1,534	7	0.3977	303.8715	0.1671	127.6364	0.2066	157.8777	0.7996	610.8854	0.2292	175.1093	0.4575	349.5564	0.3923	299.7299
566	13	101,744,103	101,745,478	1,375	4	0.3996	305.3141	0.8074	616.8911	0.0849	64.8840	0.7488	572.0574	0.8363	638.9385	0.5719	436.9186	0.4862	371.4609
579	14	3,200,632	7,671,143	4,470,511	61	0.4002	305.7851	0.9557	730.1926	0.1059	80.8927	0.2924	223.3748	0.0422	32.2720	0.9224	704.7133	0.4726	361.0509
521	12	112,776,324	112,778,081	1,757	12	0.4018	306.9917	0.1659	126.7130	0.7027	536.8329	0.6398	488.8447	0.4559	348.3144	0.1287	98.3540	0.2793	213.3737
19	1	97,254,323	97,293,244	38,921	6	0.4040	308.6435	0.3842	293.4997	0.7802	596.0647	0.5872	448.6265	0.5891	450.1098	0.4850	370.5050	0.1596	121.9650
433	10	44,430,245	44,548,182	117,937	25	0.4057	309.9364	0.1544	117.9400	0.6522	498.2491	0.0775	59.2019	0.8424	643.6034	0.4745	362.5145	0.9208	703.4583
654	15	67,155,975	67,185,571	29,596	8	0.4081	311.7513	0.1087	83.0332	0.5465	417.5317	0.2801	213.9684	0.0310	23.6886	0.5603	428.0590	0.4665	356.4213
369	7	115,270,034	115,271,579	1,545	5	0.4107	313.7539	0.9095	694.8585	0.7754	592.3694	0.3479	265.8311	0.2931	223.8982	0.6280	479.7623	0.1847	141.0836
229	5	55,418,075	55,483,118	65,043	10	0.4118	314.5801	0.8814	673.3783	0.4418	337.5009	0.3100	236.8452	0.7033	537.2987	0.5911	451.6257	0.7166	547.5010
472	11	59,279,699	59,279,901	202	2	0.4132	315.6963	0.6142	469.2667	0.8700	664.7063	0.8029	613.4285	0.2922	223.2789	0.0010	0.7501	0.2980	227.6388
5	1	35,232,073	35,235,862	3,789	4	0.4140	316.3209	0.2018	154.1418	0.4706	359.5089	0.4840	369.7874	0.0134	10.2016	0.9963	761.1731	0.0563	42.9969
569	13	109,177,164	109,203,852	26,688	19	0.4149	317.0212	0.1359	103.8566	0.6111	466.8926	0.1437	109.8073	0.3784	289.0662	0.5124	391.4872	0.8647	660.6063
138	3	75,623,409	75,627,481	4,072	7	0.4154	317.3440	0.3100	236.8186	0.9356	714.8271	0.9759	745.5863	0.5582	426.4281	0.2131	162.7882	0.2715	207.3959
609	14	81,762,359	82,272,046	509,687	95	0.4206	321.3619	0.1980	151.2547	0.3666	280.0560	0.9296	710.2509	0.4314	329.6033	0.7299	557.6801	0.2619	200.1163
120	3	7,421,882	7,421,985	103	2	0.4209	321.5486	0.6127	468.1068	0.9606	733.8764	0.5156	393.9517	0.8262	631.2550	0.4252	324.8801	0.5612	428.7233
759	19	58,755,311	58,769,822	14,511	9	0.4219	322.3494	0.0564	43.1223	0.2981	227.7721	0.7471	570.7816	0.2252	172.0846	0.3394	259.3256	0.6439	491.9689
760	19	60,848,615	60,849,582	967	6	0.4222	322.5488	0.4460	340.7242	0.5646	431.3597	0.5649	431.6125	0.5011	382.8522	0.3676	280.8688	0.6854	523.6736
207	4	155,497,765	155,507,226	9,461	9	0.4225	322.7803	0.1070	81.7141	0.7725	590.1973	0.2165	165.4196	0.3246	247.9795	0.6126	468.0186	0.7199	550.0081
31	1	141,633,508	141,686,866	53,358	21	0.4261	325.5218	0.9073	693.1532	0.4299	328.4649	0.8420	643.2835	0.5253	401.3418	0.9435	720.8390	0.5214	398.3725
568	13	104,734,657	104,736,352	1,695	4	0.4271	326.2727	0.1133	86.5485	0.5329	407.1349	0.8930	682.2811	0.8655	661.2311	0.1893	144.6378	0.3085	235.6966
122	3	10,385,565	10,390,978	5,413	14	0.4280	326.9620	0.3089	235.9686	0.7343	561.0116	0.5906	451.2328	0.3641	278.1961	0.1435	109.6204	0.4409	336.8359
76	2	77,675,871	77,873,766	197,895	90	0.4316	329.7438	0.2336	178.4499	0.0905	69.1045	0.2715	207.4572	0.4351	332.3972	0.5664	432.7244	0.9850	752.5692
410	9	35,652,844	35,929,172	276,328	71	0.4325	330.4342	0.9141	698.3767	0.9746	744.6232	0.6400	488.9439	0.8656	661.3433	0.4639	354.4502	0.5766	440.5009
696	17	47,888,395	47,889,838	1,443	5	0.4330	330.8453	0.4767	364.1797	0.7854	600.0286	0.9324	712.3228	0.3493	266.8789	0.6393	488.4535	0.2891	220.8666
707	17	74,806,574	74,808,253	1,679	6	0.4338	331.3932	0.2155	164.6181	0.9594	732.9990	0.2482	189.6470	0.4436	338.8948	0.6248	477.3414	0.7333	560.2696
118	2	174,886,491	177,803,022	2,916,531	80	0.4344	331.9033	0.6869	524.7633	0.0290	22.1819	0.0027	2.0961	0.9204	703.2143	0.4576	349.5708	0.3328	254.2471
463	11	33,359,372	33,375,067	15,695	4	0.4354	332.6184	0.6394	488.4793	0.7163	547.2813	0.0670	51.2083	0.1072	81.9182	0.6786	518.4399	0.9420	719.7162
401	8	80,806,213	80,834,051	27,838	15	0.4362	333.2643	0.6014	459.4452	0.8144	622.1972	0.2441	186.4863	0.6550	500.4277	0.3445	263.2078	0.8242	629.6654
301	6	107,044,360	107,080,793	36,433	6	0.4371	333.9648	0.9742	744.3200	0.3781	288.8718	0.6716	513.1044	0.3129	239.0548	0.8965	684.8973	0.4082	311.8995
319	6	142,719,701	142,721,973	2,272	9	0.4392	335.5442	0.5479	418.5780	0.6605	504.6091	0.9307	711.0769	0.9262	707.6539	0.9741	744.2266	0.3948	301.6271
661	16	36,257,364	36,334,363	76,999	28	0.4426	338.1688	0.1518	116.0063	0.4832	369.1921	0.4833	369.2485	0.1466	112.0057	0.2285	174.5679	0.0946	72.2839
162	3	114,246,547	114,456,005	209,458	37	0.4427	338.2588	0.0389	29.6938	0.7308	558.3436	0.2840	216.9502	0.2052	156.7746	0.8218	627.8620	0.0645	49.2712
522	12	114,835,711	114,963,919	128,208	50	0.4437	338.9549	0.6675	509.9951	0.3671	280.4836	0.1785	136.3971	0.0347	26.4776	0.9897	756.0968	0.6182	472.2743

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
489	12	28,320,295	28,349,039	28,744	15	0.4437	338.9804	0.3829	292.5415	0.5166	394.6922	0.8033	613.7424	0.5966	455.8043	0.0012	0.8918	0.2470	188.7091
506	12	75,965,852	75,973,713	7,861	4	0.4443	339.4145	0.0174	13.3019	0.7357	562.0493	0.7456	569.6676	0.9467	723.3159	0.7685	587.1554	0.2820	215.4116
674	17	7,098,601	7,157,189	58,588	18	0.4456	340.4567	0.3223	246.2250	0.5115	390.7505	0.4202	321.0065	0.7684	587.0845	0.1176	89.8252	0.1437	109.7709
281	6	70,210,441	70,265,090	54,649	19	0.4458	340.6140	0.5378	410.8514	0.5835	445.7853	0.0992	75.7507	0.8806	672.7954	0.9760	745.6861	0.8961	684.5892
559	13	71,170,616	71,187,686	17,070	5	0.4466	341.1851	0.0313	23.9221	0.4778	365.0565	0.9808	749.3064	0.7409	566.0858	0.5827	445.2000	0.3587	274.0275
593	14	40,716,609	40,737,506	20,897	5	0.4472	341.6624	0.4779	365.1274	0.8855	676.4905	0.1549	118.3663	0.1788	136.6412	0.8859	676.8427	0.7724	590.1038
268	6	24,062,606	24,063,639	1,033	6	0.4484	342.5833	0.6261	478.3265	0.5998	458.2166	0.4948	378.0640	0.6646	507.7487	0.2377	181.5988	0.5869	448.3863
671	17	3,865,865	3,901,219	35,354	14	0.4490	343.0442	0.3057	233.5901	0.6789	518.7085	0.3043	232.4921	0.7276	555.8558	0.6909	527.8242	0.7853	599.9890
378	7	126,424,614	126,433,784	9,170	7	0.4501	343.8965	0.0051	3.8975	0.5721	437.0916	0.5301	405.0041	0.9506	726.2751	0.8850	676.1457	0.2075	158.5406
358	7	110,073,824	110,096,332	22,508	20	0.4523	345.5647	0.8477	647.6630	0.7310	558.4914	0.9066	692.6405	0.3442	262.9507	0.1144	87.4287	0.5526	422.2153
594	14	40,897,017	40,992,496	95,479	21	0.4559	348.2773	0.1025	78.3375	0.7793	595.4046	0.5031	384.3873	0.2877	219.7828	0.5375	410.6660	0.4966	379.4243
495	12	49,411,350	49,474,614	63,264	14	0.4560	348.3957	0.3681	281.2172	0.9482	724.4594	0.3595	274.6592	0.4659	355.9749	0.3426	261.7381	0.1980	151.2840
322	6	143,508,240	143,525,815	17,575	8	0.4566	348.8112	0.6553	500.6377	0.0286	21.8707	0.9433	720.7133	0.8573	654.9781	0.8320	635.6116	0.4369	333.7933
164	3	116,517,329	116,519,296	1,967	8	0.4566	348.8568	0.6834	522.0921	0.4734	361.6926	0.6247	477.2996	0.6185	472.5592	0.5107	390.1756	0.2073	158.4148
719	18	32,594,220	32,604,842	10,622	20	0.4582	350.0985	0.2771	211.6883	0.4659	355.9559	0.4619	352.8902	0.6659	508.7427	0.3343	255.4243	0.1592	121.6007
380	7	130,213,756	130,215,357	1,601	3	0.4662	356.1652	0.5124	391.4796	0.6243	476.9870	0.6702	512.0274	0.5008	382.5759	0.9148	698.9131	0.2017	154.1269
552	13	47,103,645	47,106,624	2,979	8	0.4663	356.2156	0.6933	529.6552	0.8723	666.4356	0.3865	295.3223	0.6105	466.4019	0.0587	44.8234	0.1344	102.6464
276	6	68,387,772	68,420,548	32,776	16	0.4680	357.5793	0.7566	578.0361	0.6401	489.0591	0.1866	142.5776	0.8078	617.1628	0.9936	759.1225	0.0978	74.7220
691	17	36,257,749	36,302,789	45,040	66	0.4688	358.1266	0.1118	85.4328	0.1148	87.6732	0.4391	335.4978	0.7162	547.1891	0.4094	312.7950	0.7851	599.8388
21	1	111,646,054	111,711,660	65,606	7	0.4706	359.5760	0.9170	700.5649	0.4507	344.3397	0.5312	405.8080	0.0944	72.0983	0.5235	399.9578	0.4224	322.6827
67	2	51,610,260	51,614,420	4,160	4	0.4739	362.0730	0.5590	427.0786	0.3969	303.2091	0.6892	526.5690	0.2905	221.9067	0.4701	359.1464	0.7494	572.5254
460	11	29,170,076	29,217,510	47,434	9	0.4748	362.7650	0.2594	198.1683	0.7667	585.7246	0.2887	220.5424	0.9254	706.9975	0.3505	267.7654	0.8721	666.2761
431	10	24,369,091	24,369,167	76	3	0.4754	363.2046	0.2750	210.1030	0.0926	70.7115	0.4978	380.3438	0.0912	69.6574	0.7816	597.1467	0.9976	762.1298
307	6	128,595,431	128,596,253	822	3	0.4762	363.8357	0.6748	515.5636	0.8598	656.9131	0.5379	410.9523	0.3703	282.9242	0.8986	686.5003	0.5436	415.3106
747	19	26,846,010	26,846,087	77	3	0.4792	366.0826	0.2778	212.2584	0.3657	279.3803	0.9971	761.7667	0.7417	566.6223	0.6968	532.3784	0.4034	308.1901
689	17	36,151,872	36,151,991	119	3	0.4796	366.4125	0.1538	117.5122	0.1245	95.0995	0.3583	273.7765	0.6226	475.6713	0.1759	134.3539	0.8980	686.0866
706	17	72,689,319	72,703,908	14,589	13	0.4796	366.4468	0.1981	151.3542	0.8033	613.7389	0.5676	433.6185	0.8986	686.5593	0.9197	702.6165	0.6376	487.1206
742	19	15,223,352	15,236,075	12,723	12	0.4803	366.9493	0.8916	681.1948	0.6928	529.3198	0.7167	547.5558	0.2028	154.9524	0.1155	88.2394	0.1927	147.2075
180	4	8,414,927	8,415,380	453	3	0.4807	367.2919	0.3762	287.3915	0.1183	90.3468	0.3436	262.4802	0.5314	405.9868	0.9285	709.3934	0.7493	572.4710
247	5	85,651,181	85,653,617	2,436	3	0.4846	370.2485	0.9808	749.3396	0.8793	671.7924	0.1858	171.9599	0.0364	27.8235	0.2429	185.5724	0.6781	518.0449
366	7	112,352,842	112,433,900	81,058	21	0.4851	370.6227	0.5698	435.3081	0.5450	416.3972	0.6330	483.6193	0.1715	131.0355	0.2874	219.5715	0.4358	332.9891
409	9	24,281,885	24,282,276	391	5	0.4864	371.6046	0.2979	227.6213	0.0691	52.7956	0.3901	298.0092	0.6817	520.8064	0.7431	567.7579	0.1538	117.4695
349	7	55,454,535	55,702,761	248,226	42	0.4873	372.3072	0.5400	412.5363	0.7196	549.8053	0.4931	376.7490	0.6231	476.0467	0.1827	139.5989	0.7848	599.5855
344	7	54,636,276	54,680,897	44,621	11	0.4881	372.8790	0.8067	616.2945	0.9692	740.4871	0.4671	356.8443	0.4379	334.5727	0.1452	110.9394	0.8599	656.9603
317	6	139,939,182	139,950,758	11,576	9	0.4898	374.1921	0.5185	396.1269	0.9508	726.4044	0.6020	459.9350	0.8831	674.6683	0.6938	530.0403	0.6878	525.5042
209	5	3,884,799	3,922,844	38,045	15	0.4925	376.2472	0.6284	480.0939	0.1577	120.4990	0.5536	422.9518	0.5452	416.5573	0.1352	103.2810	0.1956	149.4121
69	2	62,524,035	62,524,468	433	6	0.4926	376.3172	0.6396	488.6430	0.4618	352.8078	0.7858	600.3261	0.9137	698.0402	0.6244	477.0734	0.5366	409.9871
620	14	110,067,383	110,117,892	50,509	23	0.4932	376.7750	0.7629	582.8188	0.7649	584.3627	0.8476	647.5671	0.6750	515.6641	0.0850	64.9206	0.3165	241.8014
722	18	44,814,127	44,831,000	16,873	8	0.4932	376.8217	0.3656	279.3280	0.2432	185.7700	0.4064	310.4532	0.8589	656.1819	0.9557	730.1718	0.7689	587.4553
625	14	122,006,064	122,006,350	286	6	0.4941	377.4768	0.0302	23.0632	0.5051	385.9189	0.7434	567.9842	0.0938	71.6528	0.7031	537.1841	0.1713	130.8362
197	4	105,739,813	105,741,093	1,280	4	0.4958	378.7773	0.9268	708.0787	0.2877	219.7658	0.7105	542.8546	0.9176	701.0785	0.3786	289.2302	0.3126	238.8492
94	2	101,400,951	101,406,561	5,610	7	0.4973	379.9224	0.6570	501.9465	0.5138	392.5166	0.1976	150.9402	0.1021	78.0057	0.9854	752.8425	0.7560	577.5571
465	11	35,243,687	35,260,436	16,749	9	0.4977	380.2146	0.5530	422.5300	0.4506	344.2508	0.5713	436.4450	0.9476	723.9797	0.2343	179.0223	0.2678	204.5812
23	1	117,256,807	117,267,404	10,597	4	0.4980	380.4767	0.4251	324.7644	0.3371	257.5783	0.8882	678.6201	0.7430	567.6325	0.8877	678.2357	0.3373	257.6732
415	9	48,364,375	48,368,373	3,998	5	0.4982	380.6446	0.8608	657.6800	0.1910	145.9616	0.5802	443.3022	0.3852	294.2605	0.2526	193.0014	0.5410	413.3301
533	12	117,219,726	117,240,329	20,603	9	0.4984	380.7967	0.2823	215.6538	0.9018	688.9822	0.2473	188.9213	0.0411	31.4117	0.5647	431.4487	0.6184	472.4717
680	17	30,582,926	31,058,945	476,019	439	0.4986	380.9338	0.9957	760.7026	0.2802	214.0981	0.2209	168.7746	0.6507	497.1454	0.2810	214.6673	0.9414	719.2622
304	6	116,198,049	116,199,740	1,691	2	0.4995	381.6505	0.2566	196.0766	0.7590	579.8957	0.5686	434.3801	0.4879	372.7407	0.0802	61.2658	0.5460	417.1710
676	17	13,398,037	13,649,185	251,148	40	0.5019	383.4599	0.1546	118.0813	0.8509	650.0598	0.3256	248.7439	0.5047	385.6265	0.3847	293.9213	0.7861	600.5779
167	3	122,728,997	122,729,137	140	3	0.5031	384.3687	0.2342	178.9021	0.6475	494.6831	0.7154	546.5649	0.0394	30.1098	0.6857	523.8410	0.3345	255.5731

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
274	6	67,506,071	67,662,275	156,204	15	0.5039	384.9528	0.6097	465.8146	0.6189	472.8307	0.8569	654.6822	0.8497	649.2064	0.1882	143.8005	0.4692	358.4797
160	3	111,559,680	111,562,943	3,263	4	0.5052	385.9717	0.2198	167.9087	0.6849	523.2438	0.3858	294.7343	0.3969	303.2269	0.6717	513.1836	0.9832	751.1286
82	2	89,450,021	89,457,958	7,937	14	0.5103	389.8858	0.9452	722.0950	0.3287	251.1646	0.8844	675.6469	0.9695	740.6622	0.9205	703.2992	0.5164	394.5012
539	13	15,251,117	15,261,775	10,658	7	0.5124	391.4715	0.4316	329.7651	0.7654	584.7709	0.2264	172.9457	0.8032	613.6154	0.5906	451.2439	0.9767	746.2109
511	12	93,121,761	93,132,845	11,084	12	0.5126	391.6006	0.2097	160.2236	0.9866	753.7627	0.8493	648.9023	0.0708	54.1228	0.2456	187.6507	0.2140	163.5115
7	1	39,032,035	39,038,959	6,924	11	0.5126	391.6474	0.5557	424.5883	0.8160	623.3950	0.9067	692.7142	0.6869	524.7632	0.8958	684.3566	0.4716	360.2928
613	14	85,098,924	85,109,651	10,727	4	0.5143	392.8891	0.7652	584.6444	0.2300	175.7511	0.1348	102.9622	0.0297	22.6822	0.6807	520.0746	0.7850	599.7093
365	7	111,647,983	111,683,670	35,687	15	0.5189	396.4713	0.8553	653.4617	0.7743	591.5983	0.8250	630.3037	0.3326	254.1140	0.1649	125.9857	0.6957	531.5455
340	7	38,961,668	38,997,301	35,633	20	0.5202	397.4423	0.6701	511.9186	0.1438	109.8446	0.9309	711.2402	0.7366	562.7624	0.4886	373.2620	0.3914	298.9933
561	13	73,546,675	73,574,553	27,878	11	0.5226	399.2984	0.9697	740.8505	0.4644	354.7659	0.9205	703.2244	0.5405	412.9224	0.7986	610.1458	0.5131	392.0319
375	7	116,229,414	116,230,142	728	2	0.5227	399.3250	0.6962	531.8857	0.9442	721.3598	0.7658	585.0417	0.3427	261.7970	0.4063	310.4480	0.4601	351.5339
52	1	183,060,113	183,072,518	12,405	24	0.5234	399.9053	0.2984	227.9410	0.8734	667.2889	0.5866	448.1282	0.2453	187.4222	0.6820	521.0260	0.5220	398.8346
277	6	68,535,332	68,785,029	249,697	67	0.5244	400.6219	0.9392	717.5627	0.7592	580.0590	0.7296	557.4315	0.8844	675.6979	0.9439	721.1740	0.3476	265.5704
372	7	115,511,458	115,540,995	29,537	9	0.5298	404.7547	0.8575	655.1365	0.6758	516.3167	0.5586	426.7530	0.3044	232.5950	0.3187	243.4699	0.3760	287.2925
413	9	38,480,102	38,488,311	8,209	9	0.5302	405.0559	0.4941	377.5013	0.9364	715.4399	0.3909	298.6228	0.5052	385.9468	0.7427	567.4199	0.2534	193.5689
517	12	100,214,407	100,217,042	2,635	6	0.5306	405.3850	0.9702	741.2526	0.7389	564.5055	0.3566	272.4795	0.7373	563.3271	0.9621	735.0332	0.8161	623.5342
536	13	12,573,915	12,574,894	979	3	0.5317	406.2355	0.1738	132.7703	0.2705	206.6488	0.3862	295.0918	0.8484	648.1734	0.9259	707.3728	0.8126	620.8329
20	1	97,405,881	97,405,894	13	2	0.5328	407.0596	0.5677	433.7443	0.8248	630.1559	0.1739	132.8558	0.4766	364.0867	0.5694	435.0223	0.1544	117.9313
598	14	52,484,180	52,492,450	8,270	8	0.5340	407.9527	0.9536	728.5605	0.8831	674.6627	0.5415	413.7286	0.5845	446.5740	0.1250	95.4926	0.8111	619.6643
619	14	108,869,805	109,052,336	182,531	21	0.5341	408.0280	0.5354	409.0126	0.8175	624.6065	0.6734	514.4703	0.8994	687.1472	0.0893	68.2585	0.3118	238.2137
642	15	47,894,162	47,942,137	47,975	12	0.5353	408.9983	0.8273	632.0747	0.1433	109.4967	0.4031	307.9483	0.5546	423.7506	0.8861	676.9988	0.9914	757.4304
132	3	46,180,539	46,182,502	1,963	3	0.5356	409.1742	0.7390	564.5668	0.9200	702.8706	0.3545	270.8549	0.2380	181.7946	0.5708	436.0949	0.7004	535.0941
641	15	47,861,366	47,886,626	25,260	5	0.5362	409.6349	0.8360	638.7365	0.1238	94.5589	0.0603	46.0345	0.8838	675.2049	0.9414	719.1946	0.6374	487.0011
337	7	32,532,002	32,694,597	162,595	16	0.5369	410.2138	0.5891	450.0558	0.3911	298.7694	0.6164	470.9625	0.2237	170.8752	0.6078	464.3959	0.4508	344.4149
394	8	55,050,369	55,055,813	5,444	9	0.5372	410.4220	0.5774	441.0970	0.0661	50.5029	0.2085	159.3104	0.6515	497.7284	0.0969	74.0526	0.9857	753.0768
667	16	72,099,380	72,103,464	4,084	5	0.5375	410.6178	0.8056	615.5053	0.1107	84.5380	0.7371	563.1098	0.4094	312.7644	0.2759	210.7971	0.7469	570.6651
704	17	70,419,780	70,420,015	235	4	0.5389	411.6865	0.8975	685.6844	0.8742	667.8772	0.5252	401.2505	0.4080	311.6898	0.9768	746.2716	0.6179	472.0946
735	19	7,348,368	7,349,675	1,307	7	0.5411	413.3895	0.9348	714.2005	0.7478	571.3038	0.5036	384.7795	0.0751	57.4019	0.6114	467.1362	0.4796	366.3771
532	12	117,059,447	117,200,047	140,600	41	0.5411	413.4091	0.3698	282.5147	0.5250	401.0816	0.2590	197.9130	0.0331	25.2790	0.3494	266.9402	0.3306	252.6017
371	7	115,400,336	115,401,546	1,210	6	0.5432	414.9679	0.9866	753.7961	0.8718	666.0873	0.9665	738.3987	0.6429	491.2077	0.3237	247.3311	0.5247	400.8738
390	8	52,224,120	52,273,067	48,947	10	0.5462	417.3241	0.5356	409.2318	0.2566	196.0306	0.8769	669.9414	0.1921	146.7580	0.9215	704.0383	0.7574	578.6154
672	17	4,743,771	4,743,805	34	2	0.5473	418.1604	0.9590	732.6569	0.7702	588.4153	0.9828	750.8277	0.5174	395.2701	0.4409	336.8586	0.5726	437.4796
586	14	34,491,963	34,505,348	13,385	5	0.5488	419.2532	0.6381	487.4815	0.2535	193.6445	0.1449	110.7281	0.8112	619.7417	0.0583	44.5122	0.8607	657.6035
282	6	70,355,698	70,356,974	1,276	7	0.5488	419.2930	0.6182	472.2983	0.9848	752.3565	0.4874	372.3667	0.7133	544.9252	0.3782	288.9621	0.2200	168.0771
201	4	121,651,872	122,237,050	585,178	26	0.5520	421.7636	0.2566	196.0168	0.1413	107.9295	0.8345	637.5465	0.8884	678.7590	0.0151	11.5069	0.4228	322.9986
499	12	60,477,871	60,593,624	115,753	26	0.5523	421.9728	0.6667	509.3213	0.6818	520.8801	0.4102	313.3872	0.8229	628.7227	0.2929	223.8105	0.2009	153.4589
232	5	57,133,588	57,340,535	206,947	46	0.5544	423.5971	0.9420	719.7150	0.2637	201.4887	0.3936	300.6968	0.6049	462.1567	0.8243	629.7709	0.8174	624.4717
587	14	34,935,044	34,947,005	11,961	4	0.5547	423.7593	0.3673	280.6504	0.8529	651.6007	0.8166	623.8891	0.4733	361.6267	0.2535	193.6861	0.3293	251.5507
87	2	95,223,572	95,293,225	69,653	17	0.5559	424.7091	0.6851	523.4275	0.7148	546.0729	0.9735	743.7602	0.9713	742.0865	0.3277	250.3422	0.4709	359.7934
199	4	111,745,396	112,286,229	540,833	112	0.5560	424.7929	0.6384	487.7714	0.8416	642.9654	0.9340	713.5865	0.3541	270.5335	0.5640	430.8819	0.3465	264.7123
589	14	36,416,179	36,417,134	955	4	0.5573	425.7588	0.0107	8.1996	0.1951	149.0466	0.4566	348.8505	0.5859	447.6166	0.6693	511.3797	0.2128	162.5635
171	3	137,487,798	137,529,819	42,021	14	0.5603	428.0764	0.1706	130.3324	0.7009	535.5230	0.9349	714.2565	0.3593	274.4926	0.5236	400.0021	0.3694	282.1933
263	5	148,493,203	148,495,504	2,301	12	0.5618	429.2389	0.5472	418.0706	0.1255	95.8982	0.7741	591.4011	0.6374	486.9571	0.9449	721.9051	0.4618	352.8364
254	5	105,511,760	105,511,768	8	3	0.5619	429.3058	0.5987	457.4104	0.3041	232.3607	0.8655	661.2287	0.7382	563.9804	0.3612	275.9876	0.5035	384.6813
510	12	89,139,185	89,415,572	276,387	30	0.5628	429.9646	0.0868	66.3012	0.9868	753.9236	0.8313	635.1143	0.1585	121.1259	0.7444	568.7571	0.4246	324.4176
717	18	12,384,760	12,387,394	2,634	7	0.5628	429.9705	0.5458	417.0233	0.8451	645.6232	0.7176	548.2232	0.7205	550.4585	0.5751	439.3625	0.3381	258.2780
250	5	91,008,627	91,008,703	76	3	0.5637	430.6399	0.2241	171.2355	0.4714	360.1736	0.6394	488.5030	0.5733	438.0248	0.6925	529.0799	0.7905	603.9708
34	1	150,529,441	150,543,605	14,164	3	0.5652	431.8009	0.7635	583.3419	0.6730	514.1871	0.5517	421.4774	0.8485	648.2881	0.5611	428.6611	0.8148	622.5292
258	5	114,023,755	114,025,841	2,086	5	0.5653	431.8959	0.6893	526.6594	0.4653	355.4813	0.4536	346.5754	0.0684	52.2853	0.8286	633.0275	0.5603	428.0860
739	19	12,220,912	12,308,914	88,002	18	0.5655	432.0565	0.0784	59.9231	0.8550	653.2099	0.5482	418.7975	0.0633	48.3491	0.9574	731.4862	0.4941	377.4602

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
357	7	109,855,744	109,858,484	2,740	7	0.5669	433.0920	0.8965	684.9010	0.3708	283.2906	0.9979	762.3923	0.4010	306.3909	0.2218	169.4666	0.6304	481.6582
486	12	11,545,659	11,610,212	64,553	13	0.5703	435.7249	0.8001	611.3077	0.4402	336.3010	0.0059	4.4972	0.0450	34.4094	0.5191	396.5624	0.5447	416.1743
297	6	102,304,927	102,326,421	21,494	6	0.5706	435.9331	0.5933	453.2605	0.5943	454.0574	0.3866	295.3913	0.2687	205.2514	0.1735	132.5303	0.7472	570.8385
144	3	77,485,805	77,554,692	68,887	15	0.5731	437.8143	0.2207	168.5881	0.6415	490.1367	0.7131	544.7763	0.9571	731.2375	0.8957	684.3271	0.3935	300.6423
698	17	50,132,851	50,143,591	10,740	8	0.5736	438.2267	0.2582	197.2936	0.3717	283.9702	0.8544	652.7651	0.7916	604.7805	0.4108	313.8851	0.5658	432.2483
137	3	75,378,209	75,414,973	36,764	15	0.5751	439.4060	0.2123	162.2267	0.9290	709.7910	0.5608	428.4811	0.8966	684.9922	0.3925	299.8856	0.7510	573.7635
342	7	48,319,662	48,548,430	228,768	41	0.5752	439.4150	0.7319	559.1837	0.9218	704.2761	0.7679	586.6846	0.6145	469.4410	0.0277	21.1587	0.5777	441.3858
148	3	80,082,499	80,104,957	22,458	7	0.5756	439.7878	0.4555	348.0055	0.9657	737.7992	0.8135	621.5317	0.9736	743.8137	0.5146	393.1784	0.6302	481.4866
653	15	66,051,348	66,054,407	3,059	8	0.5760	440.0888	0.7467	570.5003	0.5081	388.1681	0.4672	356.9228	0.9891	755.6770	0.4992	381.3992	0.8602	657.1889
53	1	186,078,558	186,110,754	32,196	11	0.5762	440.2096	0.4126	315.2042	0.7516	574.2500	0.8516	650.6432	0.6010	459.1709	0.8700	664.6845	0.3882	296.5956
557	13	70,109,094	70,129,981	20,887	9	0.5765	440.4677	0.3081	235.3537	0.8523	651.1216	0.8377	639.9835	0.0281	21.4995	0.3486	266.3019	0.3196	244.1444
259	5	116,694,063	116,703,656	9,593	6	0.5770	440.8107	0.3599	274.9912	0.5307	405.4627	0.8264	631.3467	0.7556	577.2768	0.2058	157.2240	0.4022	307.2531
300	6	106,983,886	107,033,569	49,683	20	0.5776	441.2820	0.8883	678.6477	0.9336	713.2643	0.6979	533.1791	0.8853	676.3793	0.8458	646.1576	0.7113	543.4405
485	11	121,303,097	121,310,264	7,167	6	0.5813	444.1388	0.5537	423.0030	0.8450	645.5465	0.3458	264.1735	0.8450	645.5801	0.0661	50.5332	0.9940	759.4080
172	3	138,263,100	138,275,710	12,610	5	0.5837	445.9197	0.5376	410.7610	0.6209	474.3666	0.4913	375.3783	0.6689	511.0442	0.7923	605.3276	0.7640	583.6769
525	12	115,674,340	115,700,639	26,299	6	0.5859	447.6135	0.1091	83.3272	0.5651	431.7364	0.2699	206.2325	0.0368	28.1414	0.8020	612.7078	0.3888	297.0071
60	2	19,097,545	19,120,990	23,445	8	0.5863	447.9155	0.7169	547.6812	0.1586	121.2008	0.6302	481.4584	0.5390	411.7579	0.0964	73.6716	0.6398	488.8419
729	18	72,714,633	72,727,773	13,140	6	0.5872	448.6366	0.8833	674.8636	0.6874	525.1693	0.7770	593.6056	0.5017	383.3050	0.4295	328.1393	0.5710	436.2715
320	6	142,768,112	142,806,140	38,028	29	0.5917	452.0443	0.2224	169.9086	0.3528	269.5569	0.8062	615.9062	0.3990	304.8256	0.7326	559.7106	0.5557	424.5372
275	6	67,876,359	68,253,141	376,782	109	0.5954	454.8486	0.8819	673.7367	0.6001	458.4735	0.3969	303.2190	0.7258	554.5196	0.6328	483.4226	0.2728	208.4265
754	19	44,133,553	44,133,654	101	3	0.5962	455.5187	0.3943	301.2326	0.4453	340.2033	0.3112	237.7223	0.7749	592.0044	0.9593	732.9084	0.9420	719.7121
343	7	50,914,593	50,919,381	4,788	12	0.5983	457.1316	0.4493	343.2299	0.9073	693.1397	0.9620	734.9869	0.8224	628.2804	0.0184	14.0601	0.5419	414.0336
35	1	150,754,214	150,777,417	23,203	9	0.6042	461.6258	0.7845	599.3787	0.7313	558.7250	0.7508	573.6416	0.5872	448.6133	0.5350	408.7464	0.7910	604.3035
418	9	88,476,937	88,499,227	22,290	15	0.6053	462.4752	0.4863	371.5427	0.2832	216.3630	0.7704	588.6078	0.1859	142.0652	0.9974	761.9873	0.8879	678.3223
271	6	41,994,493	42,018,238	23,745	6	0.6056	462.7039	0.5398	412.4098	0.4794	366.2985	0.8121	620.4755	0.4414	337.2549	0.3316	253.3208	0.8031	613.5982
97	2	114,646,550	114,812,772	166,222	53	0.6057	462.7360	0.7644	584.0377	0.2848	217.5726	0.8981	686.1557	0.8939	682.9529	0.9982	762.6137	0.5134	392.2185
757	19	52,231,855	52,248,556	16,701	4	0.6068	463.6147	0.3392	259.1397	0.5018	383.3445	0.3672	280.5715	0.5260	401.8403	0.7749	591.9884	0.8780	670.7782
450	10	115,399,439	115,404,360	4,921	6	0.6091	465.3545	0.9822	750.3822	0.7530	575.2911	0.3851	294.2328	0.1973	150.7488	0.8999	687.5415	0.7565	577.9461
618	14	99,527,482	99,532,575	5,093	5	0.6118	467.4102	0.5448	416.2461	0.9353	714.5403	0.2474	188.9839	0.6103	466.2742	0.7526	574.9712	0.2254	172.1679
558	13	70,444,536	70,451,412	6,876	16	0.6139	469.0072	0.9239	705.8477	0.1420	108.5176	0.4109	313.9421	0.2684	205.0867	0.8249	630.2442	0.7289	556.8907
459	11	29,035,527	29,037,126	1,599	5	0.6150	469.8889	0.1419	108.4457	0.7914	604.6045	0.4584	350.2350	0.8187	625.4649	0.6081	464.5573	0.3194	243.9873
165	3	116,765,381	116,765,393	12	3	0.6154	470.1999	0.9993	763.4865	0.5646	431.3240	0.0992	75.8247	0.6973	532.7594	0.3928	300.1020	0.7004	535.1283
331	7	12,671,417	12,671,825	408	6	0.6181	472.2591	0.5762	440.2525	0.2283	174.3932	0.9457	722.5382	0.2112	161.3811	0.0135	10.2988	0.8311	634.9888
376	7	116,559,867	116,581,880	22,013	9	0.6184	472.4331	0.6801	519.5655	0.6356	485.5920	0.4475	341.9229	0.4400	336.1442	0.3787	289.3598	0.3617	276.3706
576	13	115,684,513	115,685,411	898	2	0.6186	472.6344	0.5221	398.9154	0.8141	621.9481	0.5171	395.0791	0.8874	678.0029	0.6764	516.7411	0.8352	638.0602
74	2	74,336,997	74,349,334	12,337	4	0.6187	472.6635	0.6162	470.7799	0.3569	272.7038	0.3392	259.1135	0.2192	167.4318	0.2966	226.6118	0.8454	645.9047
221	5	10,785,521	11,246,794	461,273	17	0.6201	473.7206	0.8733	667.2096	0.8975	685.7140	0.6698	511.7102	0.5063	386.7790	0.0980	74.8823	0.3111	237.6937
311	6	137,984,036	137,984,036	0	1	0.6222	475.3550	0.9199	702.8028	0.2378	181.6779	0.9822	750.3842	0.7319	559.1854	0.8250	630.2697	0.6007	458.9430
359	7	110,142,788	110,201,227	58,439	14	0.6231	476.0393	0.8552	653.3630	0.5401	412.6194	0.9711	741.9003	0.2883	220.2676	0.1750	133.7262	0.7560	577.6157
677	17	21,378,620	21,419,945	41,325	23	0.6255	477.8757	0.2309	176.4035	0.6342	484.5629	0.6050	462.2467	0.9616	734.6630	0.4355	332.6913	0.3859	294.8062
751	19	35,071,034	35,142,532	71,498	19	0.6258	478.1147	0.9615	734.6107	0.8569	654.6451	0.3908	298.5499	0.8200	626.4689	0.0764	58.3566	0.9492	725.1793
79	2	85,832,974	85,867,734	34,760	11	0.6264	478.5701	0.3482	266.0070	0.1427	109.0309	0.7831	598.3215	0.3602	275.1755	0.9204	703.1951	0.8688	663.7525
116	2	161,562,255	161,562,577	322	2	0.6272	479.2134	0.0724	55.3117	0.9484	724.5678	0.9093	694.6950	0.9112	696.1501	0.2637	201.4617	0.5378	410.8705
382	8	28,371,247	28,479,196	107,949	43	0.6300	481.3574	0.2996	228.9009	0.6843	522.8054	0.9797	748.4981	0.5572	425.7326	0.1571	120.0137	0.7052	538.7989
212	5	5,538,674	5,547,973	9,299	10	0.6318	482.6775	0.5593	427.2899	0.2723	208.0393	0.3618	276.4119	0.6141	469.1623	0.0449	34.2976	0.2169	165.6931
705	17	70,731,388	70,734,298	2,910	4	0.6329	483.5181	0.5172	395.1458	0.4466	341.2121	0.7140	545.5116	0.0549	41.9616	0.7344	561.1134	0.7501	573.1016
670	16	90,821,219	90,821,219	0	1	0.6352	485.2679	0.0195	14.9263	0.1965	150.0883	0.9339	713.4706	0.0980	74.8863	0.8829	674.5088	0.8095	618.4742
461	11	32,188,750	32,201,707	12,957	10	0.6377	487.2056	0.8311	634.9732	0.4010	306.3375	0.8823	674.0576	0.2432	185.7689	0.4197	320.6512	0.7132	544.8560
123	3	15,340,258	15,819,607	479,349	47	0.6385	487.8089	0.8171	624.2406	0.8530	651.6546	0.4364	333.4115	0.0443	33.8479	0.4565	348.7580	0.6023	460.1787
602	14	72,880,516	72,895,559	15,043	6	0.6387	487.9859	0.2106	160.8667	0.8692	664.0735	0.6516	497.8544	0.1417	108.2317	0.2862	218.6847	0.9559	730.3020

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
173	3	141,381,217	141,384,341	3,124	8	0.6398	488.8192	0.6217	474.9434	0.4562	348.5414	0.6841	522.6454	0.7502	573.1634	0.7682	586.8858	0.8421	643.3333
666	16	70,097,687	70,137,600	39,913	11	0.6406	489.4487	0.7010	535.5813	0.4346	332.0056	0.4055	309.7825	0.5578	426.1784	0.8883	678.6907	0.8761	669.3771
273	6	67,402,363	67,416,752	14,389	10	0.6408	489.6058	0.5319	406.3398	0.4947	377.9474	0.7478	571.3229	0.9515	726.9439	0.5839	446.1309	0.7397	565.0967
755	19	44,222,802	44,223,055	253	4	0.6460	493.5242	0.3336	254.8926	0.5207	397.8380	0.2976	227.3491	0.8264	631.3475	0.8872	677.7997	0.8797	672.0824
542	13	17,220,681	17,226,530	5,849	6	0.6469	494.2399	0.5722	437.1948	0.1302	99.4513	0.0977	74.6644	0.4336	331.3039	0.5603	428.0840	0.7432	567.7920
77	2	83,693,539	83,697,762	4,223	8	0.6494	496.1574	0.6130	468.3666	0.1653	126.2965	0.9485	724.6665	0.2373	181.2993	0.8713	665.6459	0.8332	636.5282
384	8	28,608,199	28,691,596	83,397	34	0.6512	497.5437	0.6578	502.5503	0.4013	306.6262	0.4145	316.6488	0.4560	348.4089	0.0364	27.8019	0.8695	664.2673
12	1	59,336,832	59,337,495	663	4	0.6516	497.8037	0.3712	283.5655	0.1134	86.6350	0.4960	378.9372	0.2872	219.4408	0.6168	471.2725	0.2305	176.0728
595	14	41,640,656	41,648,076	7,420	5	0.6521	498.1999	0.2499	190.9320	0.7174	548.0597	0.4625	353.3679	0.9420	719.6526	0.8269	631.7831	0.9527	727.8787
529	12	116,193,887	116,195,061	1,174	6	0.6522	498.3043	0.1880	143.6219	0.6804	519.8116	0.2712	207.2177	0.0271	20.7197	0.4110	313.9684	0.4508	344.3969
634	15	25,938,508	25,938,536	28	2	0.6527	498.6902	0.2899	221.4964	0.0867	66.2103	0.3402	259.8960	0.9679	739.5112	0.6288	480.3782	0.9087	694.2558
159	3	110,734,020	110,807,739	73,719	12	0.6568	501.8203	0.9695	740.7289	0.8805	672.6660	0.2676	204.4307	0.7540	576.0426	0.4087	312.2817	0.2033	155.3097
1	1	16,147,549	16,166,507	18,958	8	0.6569	501.8784	0.4042	308.8178	0.8746	668.1730	0.4725	360.9942	0.0197	15.0141	0.7171	547.8436	0.1405	107.3608
265	6	8,041,854	8,049,012	7,158	12	0.6573	502.1836	0.2261	172.7733	0.1896	144.8582	0.2114	161.5268	0.9940	759.4099	0.5859	447.6334	0.7704	588.5758
39	1	152,327,228	152,327,348	120	2	0.6579	502.6588	0.9897	756.1580	0.1494	114.1352	0.4141	316.3961	0.4300	328.5166	0.8940	683.0311	0.8608	657.6878
142	3	76,953,923	76,971,769	17,846	6	0.6600	504.2291	0.0854	65.2411	0.4250	324.7091	0.8366	639.1670	0.9563	730.6196	0.9224	704.7043	0.5391	411.8621
538	13	13,972,917	13,987,506	14,589	8	0.6642	507.4603	0.3659	279.5407	0.6621	505.8787	0.7635	583.3467	0.5962	455.5267	0.9682	739.7095	0.6553	500.6692
299	6	104,527,703	104,528,363	660	2	0.6665	509.2314	0.6743	515.1480	0.5367	410.0508	0.6298	481.1765	0.3759	287.1707	0.6820	521.0406	0.7022	536.4509
381	7	133,164,530	133,182,625	18,095	5	0.6675	509.9925	0.0920	70.2924	0.5369	410.1839	0.6090	465.3096	0.5615	428.9939	0.8543	652.6560	0.5160	394.2209
33	1	145,624,593	145,649,348	24,755	33	0.6682	510.5195	0.4012	306.5388	0.8191	625.8199	0.3429	262.0044	0.5921	452.3382	0.9433	720.6528	0.3379	258.1482
419	9	103,355,461	103,358,235	2,774	4	0.6781	518.1066	0.6339	484.2671	0.8375	639.8496	0.4682	357.7251	0.9410	718.9560	0.8771	670.0791	0.3488	266.4716
96	2	107,456,118	107,456,210	92	3	0.6785	518.3436	0.2536	193.7805	0.2935	224.2471	0.8640	660.1281	0.8064	616.0879	0.4824	368.5734	0.7669	585.8926
324	6	145,108,944	145,120,036	11,092	15	0.6789	518.6436	0.4540	346.8706	0.9222	704.5967	0.3792	289.6754	0.1525	116.4839	0.2074	158.4371	0.4824	368.5583
399	8	80,089,624	80,092,244	2,620	6	0.6791	518.8342	0.3281	250.6348	0.4809	367.3753	0.2161	165.1154	0.0870	66.4341	0.6897	526.9516	0.9512	726.6888
685	17	34,521,273	34,521,839	566	4	0.6792	518.9116	0.3405	260.1474	0.6276	479.4752	0.0117	8.9253	0.7553	577.0467	0.2103	160.6885	0.2504	191.2835
449	10	111,372,429	111,375,473	3,044	5	0.6809	520.2198	0.3435	262.4150	0.1444	110.3462	0.0845	64.5816	0.0685	52.3152	0.1139	87.0326	0.8361	638.8067
135	3	73,340,026	73,346,338	6,312	6	0.6820	521.0833	0.6845	522.9850	0.7257	554.4628	0.6015	459.5351	0.5089	388.8324	0.4971	379.8047	0.7721	589.8944
368	7	115,004,586	115,041,563	36,977	9	0.6843	522.7851	0.8808	672.9266	0.3927	300.0471	0.5489	419.3874	0.4094	312.8158	0.2795	213.5667	0.4975	380.0787
190	4	77,228,417	77,255,056	26,639	11	0.6861	524.1689	0.2975	227.3137	0.1238	94.5802	0.9951	760.2542	0.2242	171.2968	0.1562	119.3083	0.8202	626.6508
166	3	121,705,472	121,715,079	9,607	33	0.6873	525.0995	0.1150	87.8867	0.0941	71.9269	0.0177	13.5522	0.2557	195.3636	0.5513	421.1898	0.4469	341.4365
537	13	13,804,037	13,805,108	1,071	5	0.6880	525.6465	0.4975	380.0619	0.6913	528.1642	0.9717	742.4112	0.4908	374.9535	0.8735	667.3646	0.5402	412.6752
361	7	111,067,015	111,077,749	10,734	10	0.6888	526.2569	0.7338	560.6198	0.5714	436.5744	0.9791	748.0589	0.2750	210.1208	0.2171	165.8695	0.8040	614.2491
59	2	15,367,870	15,368,633	763	3	0.6897	526.9651	0.1986	151.6956	0.7809	596.6165	0.8567	654.5230	0.8828	674.4569	0.0570	43.5520	0.7665	585.6316
607	14	78,207,014	78,207,745	731	3	0.6938	530.0432	0.1143	87.3021	0.9530	728.1296	0.8774	670.2959	0.0664	50.7388	0.3937	300.7816	0.4750	362.9323
424	10	7,534,475	7,534,653	178	4	0.6940	530.2170	0.3631	277.3707	0.2221	169.6921	0.6890	526.4022	0.0879	67.1506	0.0717	54.7601	0.5696	435.1909
454	10	126,764,978	126,765,568	590	9	0.6953	531.1897	0.2391	182.6775	0.8640	660.0673	0.3154	240.9813	0.4893	373.8308	0.0147	11.1990	0.3594	274.6137
549	13	25,099,130	25,099,212	82	3	0.6958	531.6060	0.8950	683.7485	0.1841	140.6298	0.7982	609.8012	0.4564	348.7050	0.1826	139.4725	0.6540	499.6549
187	4	57,769,227	57,769,969	742	10	0.6965	532.1449	0.4516	345.0315	0.8890	679.1798	0.4891	373.6913	0.5860	447.7320	0.1847	141.1095	0.9017	688.8884
526	12	115,795,799	115,842,787	46,988	18	0.6972	532.6358	0.1236	94.4455	0.7766	593.3460	0.2610	199.4335	0.0434	33.1194	0.4221	322.5039	0.4667	356.5234
360	7	110,370,159	110,491,407	121,248	30	0.6982	533.4358	0.8566	654.4548	0.6852	523.4965	0.8925	681.8654	0.2364	180.6300	0.2407	183.8614	0.7779	594.3175
644	15	54,022,603	54,023,121	518	4	0.6986	533.6928	0.1840	140.5767	0.9765	746.0191	0.1599	122.1670	0.2145	163.8466	0.3079	235.2576	0.8743	667.9681
253	5	105,034,912	105,359,320	324,408	61	0.7004	535.1108	0.7773	593.8798	0.5266	402.3394	0.1873	143.1233	0.9187	701.8513	0.9211	703.7183	0.7209	550.7494
648	15	57,340,168	57,347,478	7,310	10	0.7005	535.1786	0.1699	129.8264	0.9883	755.0461	0.2348	179.3809	0.1903	145.4047	0.6142	469.2455	0.9756	745.3445
305	6	126,749,487	126,750,695	1,208	6	0.7014	535.8697	0.7331	560.1088	0.4128	315.4005	0.9147	698.8469	0.2217	169.3660	0.4078	311.5240	0.9005	688.0151
515	12	96,623,312	96,623,586	274	2	0.7048	538.4789	0.3952	301.9074	0.1818	138.9178	0.2598	198.5021	0.6132	468.5040	0.3414	260.8144	0.1965	150.1158
403	8	98,500,773	98,502,741	1,968	6	0.7061	539.4333	0.7339	560.6669	0.6070	463.7453	0.9881	754.9029	0.8720	666.2164	0.4176	319.0551	0.6212	474.6121
355	7	109,754,987	109,760,894	5,907	3	0.7068	539.9711	0.9532	728.2381	0.3809	291.0436	0.8759	669.1994	0.3616	276.2789	0.1831	139.9258	0.8913	680.9798
501	12	64,045,150	64,099,191	54,041	11	0.7109	543.1190	0.6460	493.5752	0.5095	389.2309	0.9489	724.9400	0.3011	230.0306	0.3860	294.9415	0.4960	378.9587
252	5	94,161,655	96,262,456	2,100,801	10	0.7112	543.3876	0.3628	277.1981	0.5236	400.0366	0.8019	612.6377	0.7891	602.8804	0.0581	44.3966	0.7542	576.1722
688	17	35,565,259	35,576,419	11,160	9	0.7126	544.4381	0.8364	639.0084	0.9007	688.1640	0.9201	702.9765	0.9787	747.7557	0.4301	328.5752	0.7142	545.6553

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
737	19	9,210,938	9,398,238	187,300	34	0.7171	547.8298	0.4641	354.5539	0.4422	337.8597	0.8711	665.5215	0.5725	437.3604	0.6578	502.5374	0.6602	504.3760
373	7	115,566,346	115,604,872	38,526	12	0.7171	547.8460	0.8584	655.8292	0.2812	214.8495	0.4292	327.9322	0.3934	300.5878	0.4110	313.9973	0.4546	347.2827
321	6	143,197,769	143,206,183	8,414	12	0.7171	547.8902	0.5180	395.7170	0.7424	567.1744	0.4263	325.6581	0.1729	132.1164	0.7631	582.9882	0.8357	638.4604
158	3	105,009,284	105,009,297	13	2	0.7175	548.1593	0.1549	118.3804	0.6904	527.4699	0.3464	264.6188	0.1706	130.3540	0.7171	547.8832	0.9194	702.4565
626	15	18,654,064	18,701,020	46,956	15	0.7179	548.4633	0.9502	725.9280	0.3725	284.5588	0.3766	287.7147	0.6862	524.2654	0.5803	443.3465	0.3982	304.2225
622	14	111,421,090	111,489,633	68,543	8	0.7186	548.9925	0.8234	629.1036	0.1351	103.2207	0.9139	698.2151	0.2894	221.0995	0.3307	252.6291	0.5783	441.8388
724	18	59,506,767	59,507,938	1,171	3	0.7200	550.1175	0.1233	94.1866	0.1366	104.3770	0.0127	9.6748	0.1991	152.1229	0.6343	484.6048	0.3965	302.9618
741	19	14,845,431	14,846,370	939	5	0.7222	551.7607	0.0206	15.7070	0.5388	411.6551	0.8733	667.1687	0.3568	272.6077	0.1327	101.3747	0.4746	362.6130
181	4	12,377,058	12,377,306	248	3	0.7274	555.7135	0.3825	292.2445	0.5791	442.4118	0.2340	178.7514	0.5287	403.9637	0.7455	569.5577	0.3117	238.1599
131	3	38,148,460	38,176,970	28,510	6	0.7275	555.7839	0.4959	378.8351	0.2943	224.8621	0.0437	33.4042	0.0218	16.6313	0.9807	749.2395	0.7369	562.9756
296	6	101,279,285	101,286,899	7,614	6	0.7294	557.2323	0.5536	422.9245	0.6087	465.0620	0.6642	507.4330	0.1617	123.5240	0.8028	613.3255	0.6942	530.3892
329	7	10,962,599	10,978,345	15,746	36	0.7299	557.6572	0.1876	143.3233	0.7856	600.2285	0.9610	734.2411	0.7788	594.9962	0.1782	136.1083	0.7255	554.3129
553	13	51,435,014	51,439,412	4,398	4	0.7302	557.8652	0.6628	506.3430	0.6561	501.2608	0.5470	417.8871	0.6328	483.4707	0.5607	428.3657	0.9433	720.6584
133	3	46,586,743	46,615,495	28,752	4	0.7338	560.6351	0.6001	458.4545	0.9679	739.4524	0.7186	548.9999	0.9577	731.6523	0.3155	241.0548	0.8461	646.4373
13	1	71,734,705	71,741,575	6,870	8	0.7367	562.8683	0.3756	286.9352	0.0238	18.1693	0.1602	122.4059	0.9093	694.7232	0.1249	95.4029	0.6495	496.2070
248	5	88,583,061	88,583,112	51	4	0.7378	563.6609	0.4129	315.4186	0.8512	650.3467	0.7444	568.7402	0.5928	452.8718	0.2325	177.6598	0.7646	584.1560
107	2	148,755,144	148,927,143	171,999	37	0.7388	564.4493	0.1928	147.2692	0.5750	439.2657	0.8277	632.3656	0.9858	753.1636	0.8120	620.3318	0.6334	483.8817
614	14	90,380,187	90,380,247	60	2	0.7403	565.6152	0.4150	317.0385	0.5185	396.1605	0.1106	84.4648	0.4305	328.8665	0.2567	196.1482	0.6606	504.6625
336	7	31,017,542	31,018,654	1,112	15	0.7440	568.4407	0.4114	314.3217	0.5305	405.2905	0.3790	289.5699	0.3029	231.3996	0.4545	347.2384	0.7003	535.0326
283	6	70,471,117	70,538,758	67,641	9	0.7452	569.3384	0.6931	529.5020	0.7257	554.4553	0.7426	567.3611	0.6458	493.4237	0.7212	550.9756	0.6145	469.4419
267	6	23,304,438	23,304,526	88	2	0.7456	569.6201	0.1074	82.0370	0.4786	365.6291	0.0602	46.0109	0.7499	572.9472	0.9515	726.9457	0.3851	294.1939
601	14	68,685,551	68,694,460	8,909	3	0.7493	572.4583	0.7757	592.6347	0.3902	298.1140	0.3488	266.4612	0.6062	463.1177	0.9763	745.8978	0.9032	690.0176
145	3	77,660,467	77,714,260	53,793	12	0.7529	575.1850	0.1959	149.6918	0.2758	210.7262	0.7193	549.5197	0.7347	561.3154	0.9061	692.2785	0.6092	465.4090
385	8	28,730,777	28,743,469	12,692	10	0.7532	575.4560	0.1657	126.5892	0.1580	120.6875	0.3431	262.1167	0.5939	453.7307	0.0413	31.5558	0.9153	699.2773
744	19	19,959,182	19,972,780	13,598	11	0.7533	575.4842	0.1977	151.0105	0.2747	209.8783	0.3008	229.8110	0.6959	531.6780	0.9513	726.7874	0.8513	650.4079
496	12	50,509,608	50,895,726	386,118	74	0.7543	576.2857	0.9427	720.2563	0.5815	444.2319	0.4369	333.7809	0.2144	163.7784	0.4683	357.7827	0.8691	663.9867
458	11	22,235,060	22,253,961	18,901	8	0.7549	576.7267	0.9342	713.7662	0.2730	208.5350	0.5397	412.3195	0.1307	99.8732	0.2098	160.3118	0.7317	559.0027
428	10	15,385,518	15,432,971	47,453	8	0.7552	577.0062	0.4866	371.7771	0.2644	202.0315	0.1807	138.0499	0.1153	88.1257	0.2243	171.4023	0.9048	691.2412
675	17	13,259,210	13,301,725	42,515	15	0.7566	578.0417	0.4820	368.2290	0.8548	653.0322	0.1983	151.4926	0.5065	386.9427	0.3412	260.6984	0.7463	570.1457
427	10	15,272,668	15,281,790	9,122	3	0.7567	578.1201	0.4280	326.9691	0.5862	447.8946	0.4780	365.1843	0.0562	42.9387	0.3396	259.4284	0.7293	557.1993
443	10	73,046,724	73,090,099	43,375	9	0.7569	578.2334	0.9505	726.2093	0.1095	83.6572	0.1701	129.9495	0.5152	393.5955	0.5414	413.6267	0.7044	538.1886
356	7	109,794,774	109,817,326	22,552	8	0.7582	579.2998	0.9494	725.3561	0.5532	422.6237	0.9967	761.4795	0.2162	165.1795	0.2138	163.3061	0.9266	707.9492
129	3	27,091,227	27,091,625	398	2	0.7609	581.3079	0.8228	628.6521	0.5438	415.4322	0.6438	491.8447	0.9976	762.1687	0.5208	397.9159	0.9532	728.2610
687	17	35,482,411	35,482,653	242	6	0.7625	582.5120	0.2616	199.8662	0.1552	118.5594	0.8530	651.6687	0.7620	582.1599	0.6809	520.1881	0.8824	674.1582
473	11	60,139,991	60,140,876	885	2	0.7626	582.6533	0.9710	741.8353	0.5289	404.0535	0.9077	693.5082	0.5660	432.4415	0.0013	0.9858	0.9009	688.2983
55	2	8,079,421	8,097,887	18,466	3	0.7636	583.3826	0.2688	205.3326	0.9084	693.9851	0.7363	562.5622	0.6269	478.9789	0.3967	303.0985	0.8027	613.2283
89	2	95,601,049	95,660,090	59,041	14	0.7646	584.1621	0.5387	411.5881	0.9219	704.3236	0.9100	695.2694	0.9295	710.1425	0.8124	620.6691	0.6731	514.2726
728	18	72,536,401	72,559,030	22,629	10	0.7659	585.1363	0.7803	596.1379	0.4761	363.7629	0.7625	582.5568	0.8551	653.2771	0.1983	151.4937	0.6428	491.1001
208	5	3,499,602	3,519,482	19,880	13	0.7696	587.9484	0.6699	511.7970	0.1645	125.7117	0.2466	188.4078	0.5409	413.2422	0.0171	13.0729	0.2227	170.1451
453	10	126,303,572	126,304,575	1,003	4	0.7703	588.4972	0.9133	697.7729	0.9605	733.8008	0.1045	79.8564	0.3959	302.4649	0.2762	210.9861	0.5972	456.2940
108	2	149,137,132	149,146,946	9,814	3	0.7704	588.5837	0.1763	134.6764	0.6273	479.2350	0.9810	749.4782	0.7522	574.6981	0.5389	411.7426	0.8201	626.5945
48	1	175,929,891	175,942,012	12,121	4	0.7720	589.7993	0.1027	78.4758	0.3032	231.6383	0.3663	279.8760	0.9612	734.3843	0.7773	593.8362	0.3780	288.8193
175	3	142,632,626	142,644,531	11,905	6	0.7726	590.2448	0.6970	532.5382	0.2754	210.3928	0.4601	351.4998	0.9735	743.7413	0.1067	81.5239	0.8904	680.2646
436	10	55,530,107	55,533,033	2,926	3	0.7730	590.6005	0.6805	519.8905	0.5615	428.9736	0.4669	356.7267	0.3073	234.7424	0.2158	164.8478	0.9113	696.2327
228	5	54,883,390	54,937,412	54,022	16	0.7736	591.0661	0.7332	560.1377	0.9028	689.7505	0.5691	434.7848	0.4120	314.7362	0.7690	587.4843	0.8992	686.9677
693	17	43,655,463	43,661,943	6,480	9	0.7743	591.5299	0.0840	64.1953	0.7431	567.6905	0.2372	181.2565	0.6249	477.4115	0.8828	674.4971	0.7576	578.7762
124	3	16,902,891	16,932,841	29,950	7	0.7745	591.7143	0.5220	398.8213	0.9997	763.7831	0.1018	77.7974	0.1196	91.4036	0.0270	20.6555	0.3202	244.6241
202	4	143,201,660	143,205,948	4,288	12	0.7756	592.5726	0.1046	79.8973	0.5337	407.7519	0.4341	331.6904	0.6939	530.1632	0.6808	520.0981	0.4673	357.0122
743	19	18,618,198	18,644,452	26,254	8	0.7809	596.5998	0.6435	491.6576	0.6539	499.6091	0.9430	720.4590	0.7330	560.0038	0.0260	19.8383	0.7242	553.2714
136	3	73,914,056	74,346,968	432,912	73	0.7828	598.0638	0.4760	363.6550	0.6911	528.0322	0.6452	492.9268	0.8721	666.2894	0.6898	527.0094	0.5741	438.6418

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
295	6	98,496,702	98,523,715	27,013	7	0.7839	598.8842	0.2446	186.8682	0.6149	469.7455	0.5703	435.7463	0.2871	219.3621	0.6669	509.5127	0.3741	285.8064
513	12	94,931,070	94,939,081	8,011	3	0.7840	598.9971	0.4888	373.4794	0.8907	680.4904	0.1954	149.2964	0.8557	653.7218	0.4224	322.7342	0.2267	173.2132
592	14	40,544,167	40,564,409	20,242	9	0.7841	599.0498	0.9507	726.3652	0.9321	712.1540	0.6856	523.8072	0.2970	226.9453	0.5288	404.0327	0.7695	587.9361
597	14	44,396,801	45,349,904	953,103	75	0.7850	599.7597	0.2066	157.8098	0.8857	676.6366	0.6083	464.7617	0.9718	742.4558	0.3563	272.1819	0.9604	733.7498
417	9	83,521,018	83,522,534	1,516	5	0.7853	599.9692	0.7174	548.0905	0.6554	500.7336	0.9679	739.4704	0.3689	281.8530	0.4946	377.8404	0.8772	670.1720
509	12	85,202,936	85,230,001	27,065	4	0.7863	600.7258	0.3665	280.0346	0.2885	220.4329	0.1597	122.0235	0.1348	102.9853	0.4027	307.6909	0.8073	616.7769
236	5	58,311,716	58,332,254	20,538	11	0.7880	602.0054	0.5930	453.0566	0.9549	729.5512	0.4230	323.1601	0.9642	736.6290	0.6156	470.3562	0.4092	312.6070
143	3	77,322,331	77,371,012	48,681	13	0.7890	602.8105	0.2010	153.5583	0.4293	328.0020	0.7462	570.1265	0.8803	672.5406	0.9355	714.7541	0.6424	490.8198
555	13	65,478,774	66,913,713	1,434,939	36	0.7915	604.7206	0.1067	81.5073	0.3926	299.9362	0.2322	177.3812	0.6617	505.5204	0.2694	205.7918	0.2556	195.2674
434	10	53,563,604	53,572,451	8,847	6	0.7933	606.1156	0.3047	232.7649	0.8622	658.6940	0.9922	758.0766	0.3499	267.3312	0.7592	580.0115	0.6209	474.3571
154	3	92,782,636	92,787,763	5,127	2	0.7982	609.8612	0.9275	708.6308	0.7392	564.7367	0.4146	316.7405	0.1546	118.1311	0.9553	729.8461	0.6174	471.6576
442	10	72,164,250	72,231,618	67,368	11	0.7992	610.5696	0.9361	715.1919	0.3779	288.6924	0.8785	671.1629	0.6290	480.5281	0.4112	314.1566	0.6311	482.1476
471	11	48,851,297	48,886,868	35,571	11	0.7996	610.9060	0.4901	374.4636	0.2079	158.8657	0.0327	25.0162	0.6572	502.1161	0.6969	532.4070	0.3651	278.9591
624	14	116,640,642	116,643,475	2,833	7	0.8008	611.8399	0.7085	541.2718	0.5972	456.2455	0.3583	273.7291	0.2479	189.3585	0.9841	751.8485	0.5208	397.9110
714	17	92,827,951	92,923,001	95,050	18	0.8028	613.3586	0.9583	732.1400	0.3034	231.8193	0.6095	465.6530	0.0194	14.8578	0.9794	748.2626	0.6427	491.0546
292	6	82,601,443	82,602,661	1,218	9	0.8041	614.3673	0.8046	614.6918	0.8948	683.6520	0.5465	417.5376	0.8648	660.7332	0.7385	564.2218	0.9493	725.2375
452	10	123,514,580	123,514,754	174	2	0.8064	616.0961	0.8392	641.1554	0.9328	712.6288	0.0642	49.0587	0.6466	493.9715	0.5395	412.1483	0.4202	321.0459
234	5	57,802,748	57,881,343	78,595	10	0.8068	616.3901	0.9462	722.9046	0.5321	406.5017	0.4141	316.4074	0.9131	697.6384	0.7388	564.4533	0.8228	628.6002
298	6	103,383,705	103,460,909	77,204	19	0.8090	618.0675	0.4177	319.1165	0.9074	693.2378	0.8993	687.1009	0.7627	582.6872	0.4513	344.8256	0.9125	697.1588
702	17	54,423,215	54,423,500	285	3	0.8143	622.1253	0.8835	675.0134	0.5703	435.6917	0.2605	199.0421	0.0743	56.7750	0.1303	99.5481	0.9513	726.8108
40	1	152,551,280	152,551,619	339	6	0.8147	622.4243	0.9574	731.4752	0.2827	215.9519	0.9855	752.8875	0.9284	709.3159	0.7502	573.1321	0.7947	607.1526
483	11	116,602,360	116,630,414	28,054	33	0.8148	622.4795	0.0785	59.9836	0.3691	282.0209	0.4055	309.7996	0.5771	440.9424	0.5105	389.9924	0.9232	705.3252
233	5	57,523,177	57,665,253	142,076	34	0.8149	622.5645	0.8485	648.2734	0.6250	477.4989	0.3531	269.7456	0.8589	656.2267	0.9291	709.8178	0.4098	313.0667
65	2	46,736,100	46,736,483	383	3	0.8166	623.8693	0.2106	160.9266	0.3216	245.7042	0.8249	630.2573	0.9219	704.3306	0.8716	665.9029	0.6631	506.6417
90	2	97,990,327	98,098,900	108,573	16	0.8168	624.0301	0.2481	189.5169	0.6422	490.6368	0.7757	592.6097	0.4929	376.5675	0.6106	466.4666	0.9163	700.0183
348	7	55,052,585	55,194,801	142,216	47	0.8169	624.1164	0.3526	269.3675	0.6730	514.1705	0.6405	489.3396	0.3706	283.1138	0.1695	129.4965	0.8327	636.1985
49	1	175,956,768	175,956,788	20	3	0.8206	626.9665	0.1423	108.6937	0.2729	208.4914	0.2674	204.3258	0.8876	678.1237	0.6110	466.7742	0.3661	279.6661
694	17	43,822,177	43,822,413	236	4	0.8239	629.4749	0.1612	123.1652	0.5906	451.2368	0.2939	224.5045	0.9648	737.1422	0.9719	742.5482	0.6918	528.5710
188	4	71,762,125	71,768,691	6,566	4	0.8255	630.7031	0.8679	663.0769	0.6479	494.9792	0.3797	290.0582	0.6940	530.2395	0.2573	196.5549	0.7021	536.3979
504	12	69,722,650	69,722,675	25	2	0.8262	631.2407	0.4940	377.4389	0.1042	79.6011	0.6893	526.6553	0.3875	296.0249	0.3418	261.1584	0.4986	380.9367
280	6	69,452,717	69,650,773	198,056	45	0.8267	631.6028	0.6847	523.0890	0.5349	408.6796	0.4017	306.8621	0.8623	658.8061	0.5302	405.0513	0.4404	336.4503
703	17	69,208,113	69,208,347	234	3	0.8278	632.4324	0.9288	709.5788	0.4654	355.5492	0.4400	336.1888	0.8506	649.8626	0.3988	304.6961	0.8338	637.0438
541	13	17,090,987	17,129,337	38,350	12	0.8288	633.2195	0.0614	46.9368	0.2780	212.4126	0.9740	744.1383	0.9837	751.5801	0.6790	518.7247	0.7930	605.8476
745	19	20,020,406	20,021,069	663	4	0.8317	635.4239	0.1930	147.4501	0.9341	713.6425	0.1766	134.9072	0.6968	532.3891	0.6809	520.2164	0.6066	463.4627
470	11	47,002,461	47,007,067	4,606	6	0.8320	635.6557	0.4499	343.7216	0.3510	268.1597	0.2578	196.9585	0.8486	648.3320	0.6804	519.8504	0.3691	282.0231
240	5	65,457,666	65,458,442	776	4	0.8339	637.0924	0.4810	367.4600	0.5752	439.4796	0.9826	750.7242	0.4682	357.6966	0.0060	4.5735	0.9233	705.4324
289	6	75,438,396	75,448,628	10,232	6	0.8345	637.5320	0.1700	129.9039	0.2457	187.7357	0.2949	225.2918	0.5415	413.7310	0.8363	638.8955	0.7740	591.3099
4	1	31,776,449	31,799,110	22,661	4	0.8367	639.2313	0.9231	705.2519	0.6027	460.4298	0.4025	307.5324	0.4191	320.2125	0.9942	759.5751	0.9107	695.8064
405	8	99,036,252	99,037,492	1,240	6	0.8399	641.6597	0.1958	149.5611	0.3014	230.2400	0.0383	29.2913	0.9049	691.3547	0.8066	616.2241	0.1174	89.6633
412	9	38,126,083	38,141,452	15,369	15	0.8437	644.5683	0.1807	138.0569	0.3312	253.0568	0.8691	664.0202	0.2981	227.7250	0.9506	726.2382	0.9588	732.5319
466	11	40,938,197	40,942,448	4,251	3	0.8469	647.0502	0.6243	476.9595	0.4836	369.5060	0.5282	403.5335	0.1304	99.6422	0.6562	501.3498	0.7839	598.8847
149	3	80,664,095	80,665,695	1,600	7	0.8499	649.3277	0.1911	146.0155	0.4351	332.4453	0.8691	664.0117	0.9910	757.1022	0.7120	543.9719	0.9264	707.7538
543	13	17,390,746	17,391,604	858	3	0.8529	651.5816	0.0975	74.4763	0.3464	264.6662	0.8161	623.4734	0.9736	743.7968	0.2330	177.9945	0.7234	552.6724
531	12	116,745,882	117,040,993	295,111	41	0.8538	652.2925	0.1864	142.3892	0.7331	560.0866	0.2276	173.8853	0.0197	15.0384	0.6628	506.3474	0.9706	741.5550
251	5	93,157,395	93,174,537	17,142	3	0.8554	653.5297	0.2767	211.3851	0.9431	720.5201	0.6518	497.9662	0.9621	735.0200	0.2135	163.0879	0.9303	710.7800
562	13	74,876,460	74,877,016	556	4	0.8557	653.7750	0.3465	264.7548	0.4238	323.7798	0.3048	232.9021	0.4640	354.4844	0.0832	63.5340	0.5419	413.9962
447	10	103,726,788	103,890,930	164,142	35	0.8567	654.4917	0.1078	82.3533	0.4022	307.2435	0.9711	741.9427	0.1762	134.6007	0.3670	280.3962	0.6223	475.4074
249	5	89,769,116	89,769,508	392	3	0.8585	655.8893	0.5804	443.4468	0.9086	694.1906	0.3081	235.3937	0.9309	711.1993	0.6284	480.1244	0.6439	491.9155
692	17	41,139,041	41,176,614	37,573	8	0.8588	656.0980	0.4379	334.5287	0.8034	613.7992	0.1491	113.9285	0.5268	402.4791	0.9898	756.2273	0.3371	257.5367
16	1	78,229,021	78,245,671	16,650	10	0.8611	657.9023	0.7206	550.5630	0.8799	672.2518	0.2816	215.1371	0.7922	605.2107	0.2297	175.4807	0.3432	262.1723

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
80	2	86,532,638	86,532,761	123	2	0.8612	657.9687	0.8360	638.7153	0.2961	226.2112	0.7042	538.0072	0.4466	341.2303	0.2781	212.4834	0.8809	673.0132
502	12	66,669,557	66,671,717	2,160	5	0.8627	659.0827	0.1230	93.9787	0.1706	130.3043	0.3073	234.7673	0.4860	371.3096	0.5115	390.8051	0.5691	434.7582
487	12	15,689,452	15,691,335	1,883	4	0.8636	659.7781	0.1973	150.7531	0.8242	629.7058	0.2132	162.8489	0.6940	530.2324	0.7342	560.9599	0.5042	385.2200
156	3	102,697,496	102,739,985	42,489	54	0.8645	660.4743	0.6347	484.8907	0.7116	543.6791	0.3265	249.4566	0.4734	361.6740	0.2757	210.6613	0.5231	399.6344
528	12	116,056,336	116,152,952	96,616	27	0.8673	662.6377	0.3223	246.2513	0.8352	638.0625	0.1246	95.1810	0.0106	8.1313	0.8039	614.1863	0.8218	627.8550
534	12	117,915,807	117,945,526	29,719	12	0.8683	663.3945	0.6460	493.5784	0.8253	630.5178	0.4085	312.0983	0.1432	109.4125	0.1794	137.0920	0.9855	752.9353
205	4	145,452,418	146,034,593	582,175	33	0.8687	663.6813	0.2632	201.0736	0.6891	526.4717	0.1158	88.4780	0.3395	259.3432	0.4703	359.3292	0.3386	258.7007
169	3	135,520,542	135,537,289	16,747	22	0.8690	663.9237	0.2933	224.0914	0.4641	354.5765	0.9680	739.5204	0.3323	253.8392	0.2819	215.3440	0.7031	537.1469
362	7	111,120,174	111,154,197	34,023	18	0.8693	664.1081	0.7737	591.1025	0.6308	481.9059	0.9771	746.5178	0.3010	229.9520	0.2040	155.8618	0.9663	738.2839
71	2	65,188,132	65,192,936	4,804	7	0.8699	664.5805	0.7849	599.6768	0.8780	670.8209	0.4399	336.0786	0.9558	730.2329	0.6688	510.9570	0.7791	595.2224
548	13	23,653,701	23,668,319	14,618	21	0.8700	664.7018	0.7062	539.5328	0.5661	432.4668	0.2188	167.1801	0.9790	747.9367	0.9651	737.3673	0.3384	258.5283
105	2	147,347,705	147,361,349	13,644	7	0.8709	665.3526	0.2673	204.2464	0.4410	336.9469	0.1994	152.3388	0.4291	327.8628	0.0631	48.2315	0.6818	520.9226
151	3	82,811,832	82,812,650	818	12	0.8723	666.4107	0.3751	286.5674	0.0802	61.2672	0.9633	735.9509	0.7938	606.4314	0.9375	716.2615	0.8468	646.9686
708	17	76,673,848	76,684,159	10,311	8	0.8740	667.7040	0.5032	384.4134	0.2496	190.7094	0.4990	381.2257	0.9579	731.8473	0.0739	56.4393	0.8442	645.0001
68	2	55,558,622	55,579,024	20,402	6	0.8758	669.1141	0.5964	455.6621	0.4529	346.0056	0.7871	601.3397	0.8246	629.9909	0.1238	94.5787	0.6713	512.8469
462	11	33,113,226	33,113,486	260	5	0.8766	669.6935	0.6450	492.7937	0.8802	672.4968	0.1951	149.0283	0.3072	234.6676	0.8560	654.0129	0.4304	328.7972
150	3	81,739,495	81,746,183	6,688	6	0.8770	670.0144	0.5502	420.3618	0.7830	598.2258	0.9603	733.6494	0.9539	728.7887	0.2623	200.3769	0.8551	653.3291
374	7	115,735,206	115,755,917	20,711	5	0.8796	672.0177	0.7120	543.9891	0.6162	470.8014	0.5838	446.0167	0.3308	252.7066	0.3083	235.5461	0.7402	565.5216
578	13	118,327,963	118,338,845	10,882	6	0.8803	672.5347	0.3545	270.8754	0.3319	253.6026	0.1273	97.2668	0.8649	660.7549	0.9109	695.9050	0.4633	353.9323
88	2	95,432,355	95,501,943	69,588	14	0.8805	672.6779	0.9477	724.0121	0.3916	299.2114	0.8717	665.9772	0.4176	319.0543	0.4694	358.6291	0.8981	686.1579
617	14	97,780,779	97,832,155	51,376	11	0.8826	674.2929	0.1014	77.4601	0.1732	132.3518	0.5306	405.3693	0.1162	88.7698	0.3909	298.6768	0.9327	712.6075
330	7	12,198,129	12,258,765	60,636	14	0.8830	674.5787	0.6358	485.7869	0.7394	564.8796	0.8617	658.3594	0.5598	427.6825	0.0060	4.5509	0.8179	624.9086
700	17	52,525,043	52,562,891	37,848	12	0.8848	676.0058	0.1232	94.1480	0.9920	757.8563	0.2475	189.1206	0.6537	499.4501	0.2340	178.7437	0.5300	404.9203
370	7	115,300,845	115,399,384	98,539	22	0.8876	678.1375	0.8027	613.2378	0.5126	391.6138	0.6293	480.7830	0.3776	288.5091	0.2493	190.4904	0.7696	588.0075
764	X	166,341,476	166,428,718	87,242	74	0.8895	679.6150	0.6685	510.7226	0.5117	390.9137	0.2753	210.3190	0.2178	166.4342	0.5401	412.6667	0.5674	433.4768
206	4	146,941,153	147,202,567	261,414	33	0.8929	682.1588	0.4061	310.2947	0.5346	408.4522	0.1440	110.0297	0.3884	296.7479	0.4707	359.6362	0.5739	438.4647
478	11	73,503,033	73,598,632	95,599	21	0.8958	684.3625	0.3961	302.5849	0.9864	753.6197	0.2911	222.3876	0.6569	501.8677	0.4123	314.9702	0.4845	370.1300
612	14	84,464,875	84,610,363	145,488	25	0.8965	684.9370	0.1849	141.2467	0.1837	140.3793	0.2447	186.9213	0.6231	476.0125	0.8435	644.4065	0.4451	340.0651
56	2	10,026,781	10,026,809	28	3	0.8977	685.8050	0.1028	78.5486	0.8859	676.8536	0.7455	569.5394	0.2927	223.6122	0.0028	2.1159	0.9329	712.7667
264	6	7,932,634	7,938,483	5,849	11	0.8982	686.2363	0.3036	231.9272	0.3396	259.4181	0.2160	165.0594	0.8907	680.4805	0.8668	662.2304	0.5413	413.5873
684	17	33,712,337	33,713,456	1,119	7	0.8988	686.6547	0.3662	279.7905	0.0315	24.0578	0.3217	245.7478	0.6690	511.1405	0.1056	80.6525	0.4794	366.2238
441	10	70,494,361	70,494,548	187	4	0.9036	690.3381	0.8078	617.1591	0.7318	559.0653	0.3946	301.4663	0.1649	125.9892	0.4834	369.3092	0.7317	558.9886
397	8	79,438,032	79,453,386	15,354	17	0.9039	690.5952	0.4305	328.9302	0.7515	574.1725	0.6920	528.6572	0.1109	84.6947	0.1569	119.8562	0.9336	713.2767
505	12	75,478,580	75,484,124	5,544	6	0.9068	692.7917	0.4643	354.6924	0.6322	482.9959	0.7237	552.9310	0.7226	552.0869	0.0547	41.8233	0.9961	761.0079
198	4	108,610,948	108,611,085	137	3	0.9084	694.0447	0.8288	633.1752	0.9437	720.9761	0.6759	516.3532	0.3634	277.6701	0.8831	674.6648	0.5319	406.3492
306	6	128,202,481	128,204,309	1,828	5	0.9102	695.3546	0.7551	576.8861	0.7413	566.3782	0.7563	577.8013	0.7440	568.4478	0.5861	447.7850	0.8801	672.4152
303	6	110,118,673	110,222,644	103,971	35	0.9141	698.3400	0.4155	317.4472	0.6893	526.6017	0.6803	519.7649	0.7873	601.4674	0.0584	44.6069	0.8462	646.5162
332	7	12,712,933	12,770,476	57,543	23	0.9151	699.0996	0.5291	404.2453	0.5338	407.8561	0.5487	419.2040	0.1283	98.0465	0.0297	22.7136	0.9005	687.9439
325	6	145,308,959	145,315,910	6,951	3	0.9186	701.8120	0.3447	263.3786	0.7926	605.5541	0.2176	166.2843	0.1983	151.4808	0.2191	167.4211	0.7047	538.3919
125	3	18,744,219	18,777,414	33,195	5	0.9198	702.7366	0.7510	573.7605	0.8776	670.4985	0.0732	55.9396	0.2831	216.2967	0.0605	46.2387	0.4402	336.3318
81	2	88,639,234	88,671,005	31,771	13	0.9207	703.3957	0.8124	620.6710	0.2604	198.9139	0.9576	731.6376	0.6209	474.3556	0.7591	579.9247	0.9833	751.2174
269	6	33,119,386	33,120,432	1,046	3	0.9213	703.8600	0.0113	8.6177	0.1615	123.3707	0.3834	292.9040	0.2629	200.8599	0.9213	703.8741	0.3692	282.1014
422	9	114,814,094	114,815,852	1,758	8	0.9230	705.1649	0.3749	286.4365	0.5940	453.8065	0.2532	193.4096	0.3030	231.4962	0.1221	93.2987	0.2930	223.8762
402	8	86,886,841	86,904,371	17,530	11	0.9238	705.7616	0.4438	339.0752	0.7274	555.6994	0.8639	660.0486	0.8069	616.4900	0.5061	386.6950	0.7910	604.2864
109	2	150,863,347	151,038,740	175,393	24	0.9244	706.2767	0.5978	456.7393	0.2786	212.8754	0.7446	568.8937	0.7253	554.1636	0.8605	657.4369	0.9782	747.3426
245	5	79,306,300	79,320,284	13,984	5	0.9255	707.0684	0.5835	445.7796	0.5218	398.6270	0.6458	493.4186	0.5764	440.3521	0.9085	694.0761	0.7305	558.1299
99	2	125,053,391	125,067,750	14,359	7	0.9256	707.1829	0.8437	644.6102	0.8897	679.7575	0.5879	449.1490	0.6662	508.9837	0.6330	483.6051	0.7046	538.3123
435	10	54,019,992	54,044,971	24,979	6	0.9266	707.9199	0.8146	622.3680	0.6296	481.0409	0.7657	584.9841	0.5050	385.8332	0.5466	417.5872	0.8984	686.3912
323	6	143,640,052	143,657,471	17,419	8	0.9276	708.6591	0.1715	131.0635	0.8570	654.7780	0.9966	761.3788	0.4420	337.6589	0.5183	396.0009	0.7844	599.2710
73	2	71,656,510	71,687,549	31,039	67	0.9277	708.7504	0.7995	610.8148	0.6915	528.3131	0.4660	356.0501	0.1926	147.1199	0.0756	57.7455	0.8128	621.0163

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
130	3	36,939,970	36,945,279	5,309	13	0.9294	710.0527	0.2696	205.9500	0.6100	466.0476	0.9483	724.4692	0.3271	249.9253	0.9765	746.0262	0.7100	542.4695
279	6	69,017,899	69,193,441	175,542	21	0.9325	712.4649	0.7323	559.4807	0.4672	356.9120	0.2994	228.7504	0.7751	592.2036	0.6037	461.1889	0.4743	362.3769
762	X	147,048,432	147,056,301	7,869	9	0.9332	712.9346	0.0716	54.7170	0.4072	311.0967	0.2913	222.5294	0.5974	456.4507	0.0387	29.5309	0.5141	392.7964
286	6	74,899,205	74,998,745	99,540	16	0.9335	713.1993	0.5788	442.2258	0.7756	592.5905	0.2915	222.6841	0.5214	398.3345	0.4351	332.4231	0.5302	405.0370
476	11	70,974,623	71,017,152	42,529	41	0.9359	715.0559	0.8532	651.8619	0.2838	216.7936	0.6436	491.6864	0.6566	501.6221	0.2721	207.9171	0.7455	569.5659
244	5	77,654,536	77,670,776	16,240	4	0.9378	716.5132	0.2815	215.0367	0.1941	148.2703	0.7549	576.7413	0.7333	560.2709	0.2095	160.0295	0.7111	543.3155
503	12	68,607,278	68,622,771	15,493	7	0.9379	716.5377	0.0506	38.6686	0.1633	124.7989	0.2383	182.0306	0.3471	265.1782	0.8031	613.5387	0.3144	240.2345
645	15	55,025,921	55,026,265	344	3	0.9383	716.8804	0.7283	556.4465	0.7862	600.6828	0.5674	433.5140	0.6136	468.7882	0.9536	728.5530	0.7240	553.1414
540	13	16,433,591	16,468,016	34,425	6	0.9385	717.0326	0.6546	500.1425	0.5475	418.2886	0.6484	495.3854	0.6231	476.0856	0.4859	371.2066	0.7983	609.9133
32	1	142,515,175	142,625,802	110,627	19	0.9387	717.1480	0.5571	425.6453	0.9537	728.6445	0.6205	474.0372	0.2892	220.9863	0.7114	543.5097	0.8593	656.5152
730	18	74,314,441	74,314,504	63	3	0.9387	717.1508	0.5923	452.5211	0.4982	380.6310	0.9371	715.9718	0.8903	680.1623	0.3366	257.1478	0.9669	738.6799
500	12	63,970,065	63,970,552	487	4	0.9387	717.1682	0.3872	295.7901	0.2804	214.2403	0.9068	692.8063	0.4529	346.0399	0.6094	465.5764	0.8916	681.1514
720	18	43,568,830	43,609,197	40,367	17	0.9408	718.7426	0.6729	514.0795	0.4897	374.1041	0.3787	289.3225	0.0869	66.3896	0.6875	525.2525	0.9275	708.6281
520	12	111,254,016	111,287,270	33,254	5	0.9413	719.1220	0.5796	442.8406	0.3270	249.7913	0.5427	414.6297	0.5572	425.6686	0.4776	364.8982	0.6930	529.4795
530	12	116,359,895	116,583,730	223,835	83	0.9415	719.2846	0.2224	169.9206	0.6571	502.0316	0.1854	141.6200	0.0142	10.8367	0.6628	506.3710	0.8175	624.5859
261	5	139,004,112	139,005,838	1,726	8	0.9421	719.7943	0.2653	202.7192	0.8345	637.5200	0.8849	676.0360	0.1025	78.3355	0.7632	583.1142	0.8790	671.5408
408	9	17,303,897	17,358,876	54,979	15	0.9422	719.8123	0.4202	321.0301	0.4615	352.5945	0.9988	763.1021	0.3648	278.7007	0.5359	409.4588	0.9255	707.0863
748	19	33,386,117	33,438,568	52,451	10	0.9435	720.8666	0.9336	713.2945	0.6407	489.5318	0.4750	362.8704	0.8281	632.6782	0.0820	62.6860	0.5556	424.4475
126	3	19,248,566	19,249,465	899	4	0.9441	721.2648	0.6280	479.8279	0.7241	553.2393	0.0537	41.0311	0.2677	204.5142	0.0359	27.4260	0.2933	224.0569
58	2	14,998,525	15,246,657	248,132	47	0.9505	726.1651	0.5504	420.4986	0.9452	722.1560	0.9741	744.1898	0.2427	185.4425	0.0448	34.2217	0.7444	568.6879
316	6	139,864,605	139,882,163	17,558	9	0.9513	726.7816	0.8887	678.9672	0.6796	519.2032	0.6343	484.6359	0.8427	643.8494	0.4419	337.6237	0.7846	599.4564
62	2	24,048,126	24,054,617	6,491	5	0.9520	727.3103	0.1378	105.3067	0.5201	397.3539	0.3350	255.9242	0.4644	354.7789	0.3426	261.7464	0.4828	368.8251
44	1	170,514,272	170,514,364	92	3	0.9524	727.6698	0.3351	255.9962	0.5614	428.8940	0.0881	67.2923	0.8677	662.9248	0.0766	58.5395	0.3312	253.0169
426	10	12,334,301	12,334,411	110	3	0.9553	729.8220	0.8423	643.5314	0.9832	751.1482	0.3019	230.6489	0.7972	609.0460	0.5070	387.3438	0.4402	336.2882
57	2	13,664,146	13,664,834	688	3	0.9579	731.8455	0.4214	321.9683	0.9679	739.4533	0.9608	734.0456	0.7230	552.3495	0.1309	100.0227	0.9155	699.4447
255	5	108,854,265	108,854,385	120	4	0.9582	732.0641	0.2767	211.4271	0.5031	384.4018	0.8034	613.7965	0.0173	13.1910	0.5982	457.0220	0.6671	509.6316
189	4	77,028,168	77,043,306	15,138	5	0.9589	732.5774	0.2402	183.4978	0.3043	232.4852	0.2118	161.8350	0.3970	303.3059	0.2246	171.6235	0.4962	379.1152
524	12	115,186,599	115,379,105	192,506	64	0.9592	732.8343	0.1344	102.7100	0.8121	620.4234	0.2115	161.6012	0.0234	17.8989	0.4928	376.4872	0.7992	610.6243
404	8	99,022,008	99,032,230	10,222	9	0.9596	733.1165	0.5505	420.5980	0.1661	126.9262	0.1227	93.7339	0.9185	701.7522	0.3731	285.0499	0.2852	217.9187
479	11	91,182,491	91,224,527	42,036	10	0.9600	733.4658	0.7221	551.6465	0.9597	733.2103	0.3614	276.1331	0.0487	37.1910	0.9431	720.5346	0.8237	629.3280
196	4	101,601,485	101,601,817	332	3	0.9604	733.7221	0.4697	358.8272	0.1485	113.4242	0.2505	191.4122	0.5615	428.9980	0.6655	508.4128	0.5266	402.3022
163	3	116,043,731	116,044,155	424	2	0.9605	733.7915	0.5104	389.9568	0.7880	602.0645	0.4385	334.9918	0.7234	552.6690	0.6554	500.7361	0.6168	471.2689
734	18	85,052,526	85,055,530	3,004	4	0.9644	736.7787	0.3328	254.2789	0.5997	458.1668	0.3018	230.5851	0.8394	641.3105	0.8606	657.5299	0.4579	349.8305
302	6	107,165,345	107,215,744	50,399	14	0.9657	737.8209	0.8989	686.7915	0.8624	658.8717	0.7562	577.7218	0.6086	464.9674	0.9369	715.8157	0.8028	613.3723
147	3	79,891,997	79,907,423	15,426	4	0.9674	739.0893	0.3960	302.5257	0.7471	570.8199	0.7260	554.6674	0.7097	542.2211	0.3886	296.8623	0.9152	699.1846
11	1	55,818,726	55,848,831	30,105	9	0.9695	740.7287	0.3966	303.0350	0.9530	728.1106	0.7353	561.7403	0.5539	423.2142	0.1146	87.5851	0.7051	538.7031
477	11	73,070,371	73,074,216	3,845	3	0.9702	741.2569	0.4385	334.9984	0.4307	329.0532	0.4802	366.8585	0.6046	461.8852	0.3205	244.8987	0.6992	534.1854
638	15	42,106,513	42,112,059	5,546	4	0.9709	741.7847	0.5916	451.9561	0.7028	536.9050	0.1278	97.6640	0.5950	454.5950	0.7004	535.1247	0.3839	293.2864
346	7	54,976,185	55,008,187	32,002	13	0.9724	742.9147	0.2590	197.8490	0.4483	342.4931	0.8946	683.4776	0.2772	211.7779	0.2920	223.1193	0.7903	603.8058
400	8	80,263,027	80,263,410	383	3	0.9736	743.8187	0.0990	75.6696	0.8280	632.6190	0.7929	605.7660	0.1784	136.2968	0.0400	30.5338	0.8453	645.8078
712	17	87,411,269	87,421,277	10,008	11	0.9748	744.7501	0.2265	173.0098	0.9574	731.4529	0.6471	494.3763	0.4462	340.9217	0.3657	279.4299	0.6226	475.6909
78	2	85,646,753	85,648,776	2,023	5	0.9759	745.6062	0.4120	314.7388	0.3817	291.6129	0.9851	752.5924	0.3068	234.3594	0.8654	661.1276	0.7817	597.2430
637	15	33,880,442	33,900,991	20,549	7	0.9767	746.2220	0.4929	376.6119	0.7567	578.1293	0.0886	67.6927	0.5362	409.6876	0.1990	152.0527	0.3778	288.6491
527	12	115,869,496	115,975,158	105,662	31	0.9773	746.6219	0.1787	136.5375	0.6852	523.5220	0.1515	115.7500	0.0180	13.7593	0.7709	588.9477	0.6695	511.4827
600	14	63,715,836	63,731,412	15,576	7	0.9797	748.5202	0.8328	636.2794	0.4057	309.9554	0.3664	279.8986	0.4074	311.2844	0.3819	291.7624	0.6909	527.8636
328	7	9,155,987	10,622,466	1,466,479	32	0.9802	748.8653	0.7243	553.3327	0.7429	567.5518	0.8808	672.9346	0.8953	684.0127	0.0198	15.1537	0.8405	642.1159
38	1	151,948,823	151,949,622	799	8	0.9802	748.8965	0.7325	559.6459	0.2950	225.4132	0.8143	622.1524	0.9177	701.1237	0.2441	186.5154	0.8725	666.5944
554	13	52,271,399	52,275,352	3,953	6	0.9824	750.5830	0.5150	393.4614	0.6287	480.3505	0.1920	146.6548	0.8041	614.3297	0.5102	389.7735	0.3583	273.7663
659	15	100,148,252	100,195,778	47,526	23	0.9834	751.3514	0.2459	187.8597	0.4231	323.2393	0.7531	575.3900	0.7885	602.3913	0.8596	656.7668	0.8777	670.5352
353	7	83,036,560	83,045,516	8,956	6	0.9844	752.0901	0.5888	449.8467	0.1301	99.3833	0.7948	607.2576	0.1919	146.6394	0.7841	599.0586	0.6632	506.6678

RegNo	Chr	Start	End	Size	No. probes in CNV	time floating		floating frequency		floating latency		time struggling		time freezing		freezing latency		time swimming	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
128	3	24,116,353	24,157,241	40,888	9	0.9860	753.3292	0.4477	342.0148	0.4620	352.9715	0.6978	533.1094	0.9196	702.5623	0.1757	134.2122	0.8382	640.3843
238	5	61,916,323	61,982,272	65,949	12	0.9871	754.1764	0.5556	424.4435	0.2876	219.7094	0.3663	279.8590	0.3944	301.3355	0.0193	14.7432	0.4254	325.0091
629	15	20,002,200	20,069,823	67,623	20	0.9878	754.7110	0.1420	108.4656	0.3714	283.7831	0.8643	660.3081	0.1432	109.4410	0.7498	572.8441	0.8308	634.7390
364	7	111,485,184	111,501,846	16,662	20	0.9880	754.8023	0.9556	730.0934	0.8893	679.4096	0.9640	736.4671	0.2746	209.7816	0.1264	96.5709	0.8128	620.9501
608	14	79,921,672	79,935,942	14,270	5	0.9880	754.8380	0.5026	383.9742	0.6555	500.7706	0.6714	512.9321	0.0614	46.8728	0.5516	421.4247	0.9025	689.5324
36	1	150,869,357	151,048,926	179,569	45	0.9884	755.1068	0.4103	313.4482	0.5918	452.1296	0.8743	667.9513	0.8588	656.1014	0.9594	733.0086	0.8772	670.1642
377	7	117,633,683	117,650,114	16,431	5	0.9887	755.3973	0.6540	499.6562	0.5713	436.4488	0.4863	371.4961	0.2732	208.6916	0.5196	396.9992	0.8328	636.2606
635	15	26,971,755	26,975,305	3,550	3	0.9893	755.8163	0.8253	630.5517	0.8926	681.9335	0.8143	622.1117	0.5053	386.0569	0.0758	57.8957	0.9506	726.2375
580	14	9,476,924	9,491,919	14,995	7	0.9897	756.1556	0.1852	141.4799	0.8855	676.5297	0.0183	13.9961	0.6148	469.6802	0.1705	130.2879	0.1810	138.2499
383	8	28,519,836	28,531,880	12,044	14	0.9947	759.9841	0.2600	198.6671	0.7688	587.3467	0.6742	515.1256	0.2590	197.8963	0.0506	38.6765	0.9792	748.0905
37	1	151,114,382	151,189,461	75,079	19	0.9984	762.7510	0.7404	565.6788	0.3569	272.7003	0.6396	488.6610	0.9634	736.0262	0.4775	364.8461	0.7677	586.4924
186	4	56,211,617	56,212,288	671	6	0.9986	762.9617	0.6144	469.4391	0.7417	566.6862	0.8172	624.3461	0.8508	650.0297	0.4529	346.0041	0.9011	688.4494
406	8	117,488,656	117,647,628	158,972	46	0.9992	763.4186	0.6473	494.5444	0.7099	542.3626	0.3476	265.5507	0.8741	667.8358	0.5536	422.9675	0.5605	428.2514
66	2	49,051,169	49,070,497	19,328	7	1.0000	763.9932	0.0202	15.4522	0.5271	402.7167	0.7688	587.3551	0.9591	732.7544	0.4320	330.0634	0.8378	640.0718