

Table S13: Association of CNVs, detected in CD-1 mice, with behavior in the TST. For three different parameters of the TST (the time animals were immobile, the frequency animals were immobile and the latency to first immobility 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 were immobile. 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 immobile		immobility frequency		immobility latency	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
717	18	12,384,760	12,387,394	2,634	7	0.00187644	1.43360068	0.00238351	1.82099817	0.87397063	667.713564
597	14	44,396,801	45,349,904	953,103	75	0.0038564	2.94628663	0.00887044	6.77701447	0.37185722	284.098915
581	14	11,851,066	11,874,015	22,949	9	0.00645375	4.93066168	0.01025997	7.83861591	0.79783517	609.546068
402	8	86,886,841	86,904,371	17,530	11	0.00687937	5.25583527	0.51534289	393.721971	0.81734531	624.451814
314	6	139,364,857	139,412,174	47,317	19	0.00848894	6.48555181	0.05210516	39.8083413	0.03002243	22.9371363
534	12	117,915,807	117,945,526	29,719	12	0.01148284	8.77289211	0.50175464	383.340545	0.47466754	362.646
607	14	78,207,014	78,207,745	731	3	0.01419816	10.8473941	0.26473039	202.25402	0.99357741	759.093138
397	8	79,438,032	79,453,386	15,354	17	0.01447659	11.0601119	0.75674884	578.156115	0.52710241	402.706243
200	4	112,348,832	113,968,233	1,619,401	160	0.01584449	12.1051899	0.18242091	139.369576	0.00983165	7.51138047
584	14	17,144,372	17,180,428	36,056	17	0.01658915	12.6741085	0.10643011	81.3126052	0.31557508	241.099361
599	14	63,523,410	63,543,436	20,026	8	0.0169073	12.9171757	0.03271322	24.9929001	0.05516783	42.1482254
463	11	33,359,372	33,375,067	15,695	4	0.01906245	14.5637146	0.05726927	43.753725	0.12720575	97.1851954
41	1	155,362,668	155,395,168	32,500	26	0.0207942	15.8867662	0.03237585	24.7351498	0.33367955	254.931178
380	7	130,213,756	130,215,357	1,601	3	0.02633827	20.1224412	0.02756875	21.0625256	0.12336401	94.2501047
462	11	33,113,226	33,113,486	260	5	0.02878258	21.9898922	0.07393361	56.4852817	0.14897786	113.819085
65	2	46,736,100	46,736,483	383	3	0.03051575	23.3140301	0.13960401	106.65746	0.90113973	688.470753
209	5	3,884,799	3,922,844	38,045	15	0.03209372	24.5196031	0.02869035	21.9194304	0.32833391	250.847107
600	14	63,715,836	63,731,412	15,576	7	0.03253973	24.8603528	0.39805203	304.111747	0.02433135	18.5891544
654	15	67,155,975	67,185,571	29,596	8	0.03420969	26.1362013	0.86200734	658.573606	0.16656401	127.254901
334	7	20,658,198	24,083,399	3,425,201	25	0.04109819	31.3990147	0.42187405	322.31177	0.16767163	128.101125
407	8	124,603,535	124,616,409	12,874	7	0.04464241	34.1068018	0.14945747	114.18551	0.18370248	140.348695
747	19	26,846,010	26,846,087	77	3	0.04465048	34.1129652	0.05248904	40.1016255	0.82654541	631.480691
192	4	89,041,272	89,044,023	2,751	11	0.04626323	35.3451054	0.03244039	24.78446	0.1835463	140.229372
61	2	23,575,240	23,694,548	119,308	14	0.04739042	36.2062814	0.59726587	456.311123	0.81165257	620.102567
544	13	17,574,927	17,603,308	28,381	9	0.04957402	37.8745519	0.80989227	618.757692	0.9933649	758.930786
658	15	97,858,331	97,859,240	909	5	0.05004822	38.2368402	0.11904613	90.951241	0.12245392	93.5547953
33	1	145,624,593	145,649,348	24,755	33	0.05548388	42.3896836	0.82643972	631.39995	0.74817931	571.608992
639	15	46,239,982	46,247,063	7,081	8	0.055619	42.492919	0.11290639	86.2604857	0.85903789	656.30495
593	14	40,716,609	40,737,506	20,897	5	0.05791803	44.2493784	0.33729081	257.69018	0.55507865	424.080088
211	5	5,129,103	5,135,345	6,242	9	0.05949852	45.456871	0.03053532	23.3289882	0.41418999	316.441153
753	19	38,127,355	38,132,440	5,085	12	0.05995288	45.8039966	0.02781852	21.2533478	0.0012647	0.96623084
52	1	183,060,113	183,072,518	12,405	24	0.05999861	45.8389409	0.45249132	345.703368	0.08733475	66.7237485
329	7	10,962,599	10,978,345	15,746	36	0.06045791	46.1898446	0.72422677	553.309253	0.41468968	316.822918
662	16	39,667,623	39,667,660	37	2	0.06059459	46.2942664	0.18766706	143.377633	0.01584015	12.1018755
532	12	117,059,447	117,200,047	140,600	41	0.06672942	50.9812741	0.96232782	735.218458	0.30265942	231.231799
582	14	13,703,652	13,703,878	226	2	0.06715773	51.3085039	0.16423777	125.477658	0.32741734	250.146846
264	6	7,932,634	7,938,483	5,849	11	0.0682793	52.1653814	0.09674396	73.9123826	0.44522873	340.154746
457	11	21,397,151	21,398,878	1,727	6	0.06889979	52.6394431	0.27515165	210.215862	0.5558322	424.655801
421	9	114,756,414	114,766,671	10,257	11	0.0689691	52.6923905	0.0408205	31.186861	0.8866624	677.410076
634	15	25,938,508	25,938,536	28	2	0.06901844	52.7300901	0.16753225	127.99464	0.24465891	186.91941
500	12	63,970,065	63,970,552	487	4	0.06940592	53.0261264	0.07512162	57.3929164	0.29080596	222.175757
243	5	77,492,850	77,510,553	17,703	9	0.06986097	53.3737821	0.92399729	705.933927	0.54049553	412.938586
764	X	166,341,476	166,428,718	87,242	74	0.06987151	53.3818368	0.84474136	645.382402	0.54896893	419.412265
212	5	5,538,674	5,547,973	9,299	10	0.07150165	54.6272628	0.03040636	23.2304554	0.32817681	250.727087
42	1	159,719,419	160,644,184	924,765	434	0.07356685	56.2050708	0.17530602	133.9338	0.08011312	61.2064263
199	4	111,745,396	112,286,229	540,833	112	0.07458575	56.9835106	0.38198731	291.838303	0.01150769	8.79187504
464	11	33,520,397	33,534,591	14,194	17	0.07593607	58.0151587	0.08041486	61.4369518	0.10271015	78.4705549
295	6	98,496,702	98,523,715	27,013	7	0.07677233	58.6540583	0.22218135	169.746551	0.4157368	317.622914
14	1	72,198,891	72,210,724	11,833	11	0.07780207	59.4407853	0.47264455	361.100435	0.45482662	347.487534
396	8	76,812,850	76,823,496	10,646	6	0.07944664	60.697234	0.05773008	44.1057793	0.74565414	569.679761
271	6	41,994,493	42,018,238	23,745	6	0.08382289	64.0406885	0.00097123	0.74202329	0.26530321	202.691652
94	2	101,400,951	101,406,561	5,610	7	0.08495597	64.9063614	0.59402849	453.837765	0.54557142	416.816566
622	14	111,421,090	111,489,633	68,543	8	0.08626822	65.9089218	0.20157226	154.001209	0.30714996	234.662568
434	10	53,563,604	53,572,451	8,847	6	0.08658687	66.1523723	0.65726975	502.154086	0.05677804	43.3784208
657	15	95,128,952	95,144,563	15,611	9	0.08698942	66.4599163	0.24671401	188.489506	0.82784805	632.475907
441	10	70,494,361	70,494,548	187	4	0.08859177	67.6841103	0.02367836	18.0902694	0.81369166	621.66043
389	8	50,456,466	50,456,470	4	3	0.08919569	68.1455086	0.17063657	130.366339	0.90945894	694.826632
64	2	38,974,768	38,976,716	1,948	5	0.09016608	68.8868888	0.43044047	328.856521	0.48200342	368.250615
110	2	152,838,130	152,838,140	10	3	0.09192139	70.2279456	0.8766757	669.780238	0.638598	487.88887
69	2	62,524,035	62,524,468	433	6	0.09334195	71.3132473	0.00877503	6.70412352	0.35086044	268.057379
655	15	68,444,814	68,498,293	53,479	9	0.09334377	71.3146428	0.92720197	708.382303	0.63035484	481.591098
565	13	101,131,358	101,185,606	54,248	42	0.09450679	72.203185	0.16819511	128.501066	0.55586072	424.67759
315	6	139,788,838	139,789,925	1,087	7	0.09491873	72.5179079	0.1854786	141.705652	0.61342766	468.65873
217	5	7,052,180	7,171,279	119,099	18	0.09515856	72.7011383	0.10357257	79.1294464	0.39117966	298.861262
643	15	48,458,300	48,477,647	19,347	3	0.09757625	74.5482521	0.20596917	157.360443	0.13988517	106.872274
710	17	82,353,226	82,354,184	958	3	0.09843565	75.204839	0.21695058	165.750246	0.31201855	238.382175
492	12	32,849,195	32,849,548	353	2	0.09958109	76.07995	0.37103413	283.470072	0.53135214	405.953035

RegNo	Chr	Start	End	Size	No. probes in CNV	time immobile		immobility frequency		immobility latency	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
171	3	137,487,798	137,529,819	42,021	14	0.09971078	76.1790363	0.1151645	87.9856742	0.80702747	616.56899
90	2	97,990,327	98,098,900	108,573	16	0.10110143	77.2414902	0.01827546	13.9624491	0.6676268	510.066878
470	11	47,002,461	47,007,067	4,606	6	0.10306459	78.7413469	0.37716053	288.150647	0.93233905	712.307034
265	6	8,041,854	8,049,012	7,158	12	0.10364628	79.1857548	0.06336709	48.4124586	0.33867193	258.745354
437	10	61,300,867	61,301,038	171	3	0.10419734	79.6067678	0.60001871	458.414291	0.14842333	113.395427
245	5	79,306,300	79,320,284	13,984	5	0.10980868	83.8938312	0.54380344	415.465826	0.63221269	483.010496
677	17	21,378,620	21,419,945	41,325	23	0.11189844	85.4904062	0.72303585	552.399387	0.6646162	507.766778
475	11	64,416,011	64,432,150	16,139	6	0.11487558	87.764941	0.52763017	403.109447	0.72203714	551.636371
515	12	96,623,312	96,623,586	274	2	0.1161621	88.7478418	0.68151445	520.677043	0.30812977	235.411144
153	3	91,831,940	91,835,321	3,381	7	0.11704964	89.4259246	0.20240747	154.639309	0.89010764	680.042241
152	3	90,910,494	91,030,404	119,910	12	0.11833442	90.4074984	0.1431452	109.362931	0.85215833	651.048966
505	12	75,478,580	75,484,124	5,544	6	0.12129099	92.6663138	0.12396917	94.7124473	0.005555	4.24401627
266	6	15,857,424	15,864,027	6,603	8	0.12254155	93.6217422	0.62879784	480.401548	0.18938269	144.688376
758	19	52,346,092	52,353,968	7,876	6	0.12304735	94.0081755	0.46241179	353.282604	0.75378906	575.894838
608	14	79,921,672	79,935,942	14,270	5	0.12695107	96.990615	0.33184307	253.528105	0.60092538	459.106987
75	2	77,654,621	77,675,641	21,020	7	0.12875177	98.3663508	0.06830697	52.1865246	0.47919583	366.105617
438	10	64,959,612	64,965,464	5,852	4	0.13533022	103.392291	0.06801991	51.9672138	0.09543647	72.9134603
275	6	67,876,359	68,253,141	376,782	109	0.13567851	103.658385	0.78730215	601.498846	0.3717209	283.994766
210	5	4,844,004	4,869,796	25,792	9	0.13784586	105.314239	0.0446859	34.1400292	0.33263133	254.130338
197	4	105,739,813	105,741,093	1,280	4	0.13866076	105.93682	0.00914949	6.99021338	0.16655161	127.245428
583	14	13,832,594	13,842,014	9,420	6	0.13909018	106.264901	0.12346766	94.3292931	0.38953336	297.603486
219	5	10,100,240	10,117,317	17,077	11	0.14142105	108.04568	0.0242083	18.4951428	0.90617794	692.319949
474	11	62,217,314	62,234,630	17,316	19	0.14143241	108.05436	0.38429309	293.59992	0.40900478	312.47965
635	15	26,971,755	26,975,305	3,550	3	0.14233361	108.742876	0.58419146	446.322278	0.51127472	390.613889
452	10	123,514,580	123,514,754	174	2	0.1425354	108.897047	0.96939052	740.614357	0.19427307	148.424627
399	8	80,089,624	80,092,244	2,620	6	0.14417254	110.14782	0.93825143	716.824096	0.6002941	458.62469
752	19	35,148,473	35,148,919	446	5	0.14456896	110.450685	0.08947621	68.3598273	0.12287451	93.8761286
545	13	18,383,273	18,417,107	33,834	17	0.14543101	111.109289	0.33936108	259.271868	0.95059986	726.258292
484	11	120,870,358	120,888,586	18,228	9	0.14665831	112.046946	0.81211968	620.459436	0.05051795	38.5957134
282	6	70,355,698	70,356,974	1,276	7	0.14822216	113.241734	0.85877771	656.10617	0.71797147	548.530205
312	6	138,231,553	138,237,439	5,886	11	0.1500795	114.660738	0.50132953	383.015759	0.86691477	662.322885
458	11	22,235,060	22,253,961	18,901	8	0.15014227	114.708696	0.19314588	147.563456	0.73161657	558.955057
539	13	15,251,117	15,261,775	10,658	7	0.15193488	116.078247	0.08451637	64.5705059	0.67300129	514.172984
242	5	73,849,774	73,880,229	30,455	12	0.15229592	116.354083	0.07113032	54.3435616	0.63498375	485.127584
504	12	69,722,650	69,722,675	25	2	0.1539191	117.594194	0.6345586	484.802773	0.68395855	522.544334
712	17	87,411,269	87,421,277	10,008	11	0.15622933	119.359206	0.62273855	475.772256	0.57888003	442.26434
149	3	80,664,095	80,665,695	1,600	7	0.16098908	122.995656	0.7636504	583.428906	0.15636573	119.463417
594	14	40,897,017	40,992,496	95,479	21	0.16231346	124.007486	0.8591028	656.354537	0.68019949	519.672407
751	19	35,071,034	35,142,532	71,498	19	0.1631661	124.658899	0.11603052	88.6473211	0.20817391	159.044867
481	11	99,948,025	99,948,032	7	3	0.16359798	124.988857	0.93646578	715.459859	0.5686621	434.457845
189	4	77,028,168	77,043,306	15,138	5	0.16449866	125.676976	0.0406397	31.0487331	0.14544424	111.119398
529	12	116,193,887	116,195,061	1,174	6	0.16455139	125.717262	0.74636707	570.224442	0.25808484	197.176821
43	1	160,802,986	161,749,651	946,665	290	0.16591495	126.759022	0.15380971	117.510622	0.14338592	109.546845
666	16	70,097,687	70,137,600	39,913	11	0.16680484	127.438901	0.30844641	235.653059	0.0682572	52.1485008
455	10	129,849,758	129,883,067	33,309	10	0.16976761	129.702457	0.17779165	135.832823	0.20953133	160.081936
472	11	59,279,699	59,279,901	202	2	0.16992646	129.823815	0.71887694	549.221983	0.72144753	551.185915
89	2	95,601,049	95,660,090	59,041	14	0.1718995	131.331217	0.44086293	336.819282	0.88169798	673.617259
190	4	77,228,417	77,255,056	26,639	11	0.1731474	132.28461	0.04206119	32.1347516	0.21230951	162.204465
741	19	14,845,431	14,846,370	939	5	0.17418706	133.078916	0.21808721	166.61863	0.08360464	63.8739482
692	17	41,139,041	41,176,614	37,573	8	0.17615386	134.58155	0.88335764	674.885237	0.77130453	589.276663
724	18	59,506,767	59,507,938	1,171	3	0.17640956	134.776903	0.17794266	135.948192	0.34754043	265.520887
702	17	54,423,215	54,423,500	285	3	0.17797385	135.972018	0.91207007	696.821534	0.64565182	493.277987
170	3	137,032,543	137,036,277	3,734	6	0.18048313	137.889108	0.1675221	127.986887	0.50155646	383.189133
510	12	89,139,185	89,415,572	276,387	30	0.18160702	138.747767	0.74455597	568.840761	0.57663154	440.546499
169	3	135,520,542	135,537,289	16,747	22	0.18184579	138.930182	0.41653272	318.230998	0.41478342	316.894536
179	4	6,095,005	6,095,833	828	2	0.1819556	139.01408	0.66522479	508.231743	0.28469041	217.503472
31	1	141,633,508	141,686,866	53,358	21	0.18242931	139.375991	0.76110356	581.483124	0.92226229	704.608386
524	12	115,186,599	115,379,105	192,506	64	0.18708571	142.933483	0.67482149	515.563621	0.25461174	194.523373
423	9	118,476,311	118,491,621	15,310	19	0.18740234	143.175385	0.46737432	357.073979	0.21138874	161.500999
193	4	89,324,010	89,327,913	3,903	9	0.19181393	146.545839	0.06601796	50.4377183	0.73398036	560.760993
530	12	116,359,895	116,583,730	223,835	83	0.19192715	146.632339	0.52191925	398.746304	0.29637363	226.429455
395	8	62,393,103	62,420,070	26,967	13	0.19209959	146.764088	0.48393972	369.729947	0.49701605	379.72026
527	12	115,869,496	115,975,158	105,662	31	0.19363248	147.935215	0.42775054	326.801412	0.44367543	338.968031
279	6	69,017,899	69,193,441	175,542	21	0.19443411	148.547656	0.86154313	658.218954	0.33389356	255.094681
680	17	30,582,926	31,058,945	476,019	439	0.19538901	149.277207	0.0076466	5.84199975	0.00272349	2.08074762
239	5	63,315,493	63,315,979	486	3	0.1956255	149.457885	0.70877403	541.503361	0.99990252	763.925527
249	5	89,769,116	89,769,508	392	3	0.19839876	151.576649	0.12801992	97.8072196	0.01793137	13.6995696

RegNo	Chr	Start	End	Size	No. probes in CNV	time immobile		immobility frequency		immobility latency	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
18	1	95,748,149	95,795,140	46,991	8	0.20043233	153.130302	0.0973049	74.3409448	0.47920145	366.109905
706	17	72,689,319	72,703,908	14,589	13	0.20346779	155.449391	0.25177633	192.357113	0.8052317	615.197022
333	7	16,481,510	16,489,413	7,903	14	0.20467384	156.370816	0.53044463	405.2597	0.70722169	540.317372
661	16	36,257,364	36,334,363	76,999	28	0.20535132	156.888408	0.89117978	680.861355	0.28058824	214.369415
344	7	54,636,276	54,680,897	44,621	11	0.20612954	157.482971	0.53425122	408.167933	0.35832724	273.762011
675	17	13,259,210	13,301,725	42,515	15	0.20672165	157.935342	0.47114714	359.956416	0.7554029	577.127817
12	1	59,336,832	59,337,495	663	4	0.20757952	158.590757	0.31496561	240.633726	0.29903982	228.466419
468	11	45,592,572	45,593,461	889	3	0.20878626	159.512701	0.74472114	568.96695	0.73258827	559.697439
187	4	57,769,227	57,769,969	742	10	0.21075685	161.018234	0.54747213	418.268706	0.49528434	378.397238
435	10	54,019,992	54,044,971	24,979	6	0.21104256	161.236516	0.86006816	657.092073	0.03336593	25.4915734
283	6	70,471,117	70,538,758	67,641	9	0.21224851	162.15786	0.84176468	643.108212	0.5446004	416.074708
735	19	7,348,368	7,349,675	1,307	7	0.21333551	162.988327	0.07109914	54.3197412	0.64137083	490.007315
459	11	29,035,527	29,037,126	1,599	5	0.21341198	163.046752	0.34914362	266.745726	0.23196796	177.223522
748	19	33,386,117	33,438,568	52,451	10	0.21555475	164.683829	0.11370767	86.8726563	0.15981519	122.098802
501	12	64,045,150	64,099,191	54,041	11	0.21570715	164.800263	0.16700018	127.588137	0.45661735	348.855654
740	19	13,926,464	13,952,598	26,134	18	0.21766463	166.295774	0.85887676	656.181844	0.05722215	43.7172295
560	13	73,527,064	73,546,036	18,972	7	0.21799909	166.551306	0.0934355	71.3847203	0.96819881	739.703891
13	1	71,734,705	71,741,575	6,870	8	0.21838624	166.847091	0.46710723	356.869925	0.58354441	445.827927
627	15	18,713,339	18,756,200	42,861	14	0.21899902	167.31525	0.1053713	80.503671	0.02795112	21.3546554
319	6	142,719,701	142,721,973	2,272	9	0.22048118	168.447623	0.22465416	171.635781	0.86385941	659.988589
743	19	18,618,198	18,644,452	26,254	8	0.22070684	168.620023	0.02393845	18.2889774	0.08659828	66.1610849
108	2	149,137,132	149,146,946	9,814	3	0.22090286	168.769781	0.46365353	354.231295	0.7566961	578.115823
203	4	143,539,831	143,555,553	15,722	14	0.22131718	169.086325	0.06069038	46.3674521	0.92927966	709.969657
277	6	68,535,332	68,785,029	249,697	67	0.22131895	169.087681	0.91708491	700.652874	0.46138155	352.495504
518	12	102,582,454	102,828,642	246,188	96	0.2229055	170.299798	0.97253936	743.020069	0.27387462	209.240206
35	1	150,754,214	150,777,417	23,203	9	0.22387387	171.039637	0.18793828	143.584847	0.90476535	691.24073
188	4	71,762,125	71,768,691	6,566	4	0.22407206	171.191051	0.03611542	27.59218	0.57146836	436.601828
29	1	132,430,355	132,474,622	44,267	14	0.22421535	171.300524	0.20407163	155.910727	0.29920616	228.593504
252	5	94,161,655	96,262,456	2,100,801	10	0.22463816	171.623552	0.71625221	547.216691	0.36862026	281.625877
711	17	85,125,658	85,126,027	369	8	0.22508168	171.962402	0.24901593	190.248169	0.31215106	268.48341
118	2	174,886,491	177,803,022	2,916,531	80	0.22638158	172.95553	0.53906931	411.84895	0.21437052	163.77908
506	12	75,965,852	75,973,713	7,861	4	0.22698058	173.413162	0.63203135	482.871952	0.87839897	671.096815
215	5	6,935,526	6,993,918	58,392	8	0.22703127	173.45189	0.1246884	95.2619352	0.46670613	356.563481
485	11	121,303,097	121,310,264	7,167	6	0.22875128	174.765981	0.73870095	564.367523	0.05052323	38.599749
418	9	88,476,937	88,499,227	22,290	15	0.22885598	174.845969	0.51546012	393.811528	0.03976353	30.3793363
280	6	69,452,717	69,650,773	198,056	45	0.22917066	175.086384	0.87733033	670.28037	0.29788448	227.58374
281	6	70,210,441	70,265,090	54,649	19	0.22987786	175.626684	0.63946348	488.550095	0.57080857	436.097749
559	13	71,170,616	71,187,686	17,070	5	0.2303064	175.954086	0.23244734	177.589767	0.81823999	625.135351
536	13	12,573,915	12,574,894	979	3	0.23046898	176.078304	0.75769331	578.877692	0.48486479	370.436696
191	4	81,900,655	81,923,439	22,784	7	0.23108487	176.548844	0.15529312	118.643945	0.93914304	717.505286
34	1	150,529,441	150,543,605	14,164	3	0.2317442	177.052566	0.30438438	232.549665	0.98585875	753.196082
401	8	80,806,213	80,834,051	27,838	15	0.23294484	177.969854	0.92669257	707.993123	0.25756941	196.783031
596	14	42,076,755	42,953,331	876,576	23	0.23328461	178.229438	0.51144898	390.747023	0.96919994	740.468755
523	12	115,034,479	115,040,077	5,598	8	0.23482	179.402478	0.60483885	462.096882	0.4839984	369.774775
577	13	118,198,423	118,226,410	27,987	14	0.23613329	180.405837	0.58252089	445.04596	0.73522345	561.710712
102	2	141,299,494	141,324,822	25,328	10	0.23652849	180.70777	0.69955435	534.459521	0.22739496	173.729747
739	19	12,220,912	12,308,914	88,002	18	0.23772806	181.62424	0.64142133	490.045893	0.00504303	3.85287521
134	3	52,324,222	52,329,358	5,136	6	0.23852263	182.231289	0.72313861	552.4779	0.56268147	429.888642
146	3	79,517,672	79,541,183	23,511	15	0.2392956	182.821839	0.7787022	594.928478	0.21210064	162.044892
433	10	44,430,245	44,548,182	117,937	25	0.24076131	183.941638	0.15384054	117.534175	0.86918227	664.055257
213	5	5,584,666	5,584,972	306	7	0.2407644	183.944003	0.05066018	38.7043753	0.2885262	220.43402
568	13	104,734,657	104,736,352	1,695	4	0.24139363	184.424732	0.38082942	290.953677	0.2015536	153.986951
699	17	50,703,622	50,708,249	4,627	6	0.24220707	185.046204	0.61740241	471.695444	0.9931411	758.759804
320	6	142,768,112	142,806,140	38,028	29	0.2443852	186.710295	0.15632141	119.429558	0.62698712	479.018163
350	7	60,618,457	60,731,880	113,423	23	0.24516527	187.306267	0.30534535	233.283849	0.71124845	543.393814
183	4	21,584,773	21,585,024	251	4	0.24605611	187.986866	0.42091351	321.57792	0.35414815	270.569184
493	12	33,508,991	33,511,756	2,765	8	0.2480153	189.483688	0.40486367	309.315843	0.44128103	337.13871
610	14	83,692,252	83,699,784	7,532	4	0.24810157	189.5496	0.69091657	527.860257	0.10830943	82.7484058
325	6	145,308,959	145,315,910	6,951	3	0.24844769	189.814036	0.2847565	217.553967	0.33469544	255.707316
124	3	16,902,891	16,932,841	29,950	7	0.2491557	190.354956	0.15355472	117.315807	0.08088386	61.7952702
749	19	33,521,544	33,634,022	112,478	26	0.25024601	191.187948	0.25386906	193.955962	0.16075577	122.817406
159	3	110,734,020	110,807,739	73,719	12	0.25043696	191.333835	0.10750352	82.1326892	0.41754157	319.001759
255	5	108,854,265	108,854,385	120	4	0.25074328	191.567862	0.34412423	262.910909	0.45292071	346.031422
278	6	68,860,428	68,900,983	40,555	15	0.25100962	191.771353	0.88124707	673.272762	0.75930837	580.111594
288	6	75,345,457	75,345,955	498	7	0.25184008	192.405823	0.87900616	671.560707	0.75895838	579.844204
101	2	131,988,279	131,995,341	7,062	4	0.25185065	192.413896	0.99302176	758.668628	0.23862702	182.311043
408	9	17,303,897	17,358,876	54,979	15	0.25415983	194.178109	0.64653661	493.953966	0.68199774	521.046273

RegNo	Chr	Start	End	Size	No. probes in CNV	time immobile		immobility frequency		immobility latency	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
541	13	17,090,987	17,129,337	38,350	12	0.25597764	195.566914	0.85179881	650.774294	0.85772933	655.305207
82	2	89,450,021	89,457,958	7,937	14	0.25684489	196.229497	0.08402221	64.1929672	0.96684403	738.668837
208	5	3,499,602	3,519,482	19,880	13	0.25765291	196.846825	0.08854582	67.6490099	0.46113134	352.304342
48	1	175,929,891	175,942,012	12,121	4	0.25829795	197.339632	0.38446076	293.728022	0.49963936	381.724468
486	12	11,545,659	11,610,212	64,553	13	0.25859879	197.569478	0.14107434	107.780796	0.46450012	354.878092
37	1	151,114,382	151,189,461	75,079	19	0.26005015	198.678311	0.16100355	123.006713	0.69269299	529.217441
135	3	73,340,026	73,346,338	6,312	6	0.26070021	199.174959	0.91424115	698.48024	0.46853938	357.964084
424	10	7,534,475	7,534,653	178	4	0.26393363	201.645297	0.24875964	190.052368	0.49760997	380.17402
92	2	99,858,667	99,872,693	14,026	6	0.26690851	203.918102	0.25236543	192.807192	0.58187792	444.554732
623	14	112,786,859	112,786,924	65	2	0.26955704	205.941579	0.15447164	118.016333	0.52327468	399.781853
40	1	152,551,280	152,551,619	339	6	0.27005568	206.322538	0.18330748	140.046917	0.80914963	618.190314
121	3	8,555,413	8,556,638	1,225	7	0.27012147	206.372805	0.04622479	35.3157377	0.23580734	180.156808
166	3	121,705,472	121,715,079	9,607	33	0.27235336	208.077797	0.14748476	112.678359	0.34594531	264.302217
676	17	13,398,037	13,649,185	251,148	40	0.27280958	208.426515	0.43175135	329.858034	0.73290391	559.93859
439	10	65,108,691	65,113,379	4,688	7	0.2759674	210.839091	0.11366107	86.8370578	0.27701356	211.638357
194	4	98,039,179	98,039,527	348	2	0.27696462	211.600967	0.75890007	579.799651	0.46886128	358.210021
113	2	158,641,258	158,643,203	1,945	5	0.27802185	212.408696	0.05786674	44.2101885	0.15400506	117.659867
105	2	147,347,705	147,361,349	13,644	7	0.2812826	214.899098	0.92641161	707.778467	0.88779666	678.27665
339	7	35,802,070	35,807,318	5,248	12	0.2823883	215.744661	0.89704307	685.340908	0.92821074	709.153004
316	6	139,864,605	139,882,163	17,558	9	0.28378348	216.810579	0.87801882	670.806378	0.99972486	763.789792
307	6	128,595,431	128,596,253	822	3	0.28394727	216.935713	0.60492804	462.165024	0.44947636	343.399939
431	10	24,369,091	24,369,167	76	3	0.28514472	217.850565	0.90986487	695.136761	0.8650554	660.902328
86	2	90,687,682	90,704,935	17,253	30	0.28595859	218.472363	0.16330931	124.76831	0.4396866	335.920566
624	14	116,640,642	116,643,475	2,833	7	0.28646896	218.862286	0.72002307	550.097629	0.73996035	565.329705
292	6	82,601,443	82,602,661	1,218	9	0.28709008	219.33682	0.55650689	425.171263	0.14266906	108.999164
1	1	16,147,549	16,166,507	18,958	8	0.2889407	220.750695	0.61543648	470.19347	0.34008503	259.824966
148	3	80,082,499	80,104,957	22,458	7	0.28986169	221.45433	0.9017614	688.94571	0.32562553	248.777902
715	18	8,199,910	8,205,008	5,098	4	0.29026663	221.763703	0.73135323	558.753865	0.95146643	726.92035
173	3	141,381,217	141,384,341	3,124	8	0.29198318	223.075149	0.16278887	124.3707	0.27561295	210.568293
93	2	100,669,661	100,698,052	28,391	7	0.29622686	226.31732	0.22252013	103.005376	0.65601389	501.19461
557	13	70,109,094	70,129,981	20,887	9	0.29752226	227.307005	0.55389576	423.176362	0.59858732	457.320712
120	3	7,421,882	7,421,985	103	2	0.29840565	227.981916	0.03047806	23.2852362	0.28415938	217.097765
578	13	118,327,963	118,338,845	10,882	6	0.29949946	228.817586	0.68806106	525.67865	0.53803964	411.062282
340	7	38,961,668	38,997,301	35,633	20	0.30438478	232.549972	0.2613452	199.667731	0.88878368	679.030729
440	10	65,208,081	65,240,478	32,397	5	0.30526215	233.220279	0.15031058	114.837287	0.08400791	64.1820461
306	6	128,202,481	128,204,309	1,828	5	0.30566676	233.529404	0.66582969	508.693882	0.65909961	503.552098
15	1	77,743,451	77,769,548	26,097	15	0.30689498	234.467763	0.56746694	433.544741	0.61497742	469.842747
172	3	138,263,100	138,275,710	12,610	5	0.30724058	234.731804	0.40814925	311.826029	0.75025703	573.196372
106	2	147,572,128	147,572,911	783	5	0.3076342	235.032525	0.27726058	211.827081	0.51871513	396.298363
123	3	15,340,258	15,819,607	479,349	47	0.30805256	235.352157	0.02026995	15.4862403	0.59897197	457.614581
49	1	175,956,768	175,956,788	20	3	0.30875717	235.890482	0.65540037	500.725881	0.4425411	338.101398
526	12	115,795,799	115,842,787	46,988	18	0.3093568	236.348592	0.54619872	417.295819	0.24846247	189.82533
528	12	116,056,336	116,152,952	96,616	27	0.310033	236.865212	0.31992075	244.419451	0.36178621	276.404664
83	2	89,760,829	89,783,357	22,528	18	0.3122569	238.564269	0.52087691	397.949961	0.8987133	686.616963
569	13	109,177,164	109,203,852	26,688	19	0.31732839	242.438888	0.5982765	457.083249	0.06402368	48.9140937
649	15	57,941,561	57,943,509	1,948	10	0.31822493	243.123847	0.5728551	437.661298	0.7715139	589.436618
39	1	152,327,228	152,327,348	120	2	0.3196983	244.249498	0.09877306	75.46262	0.81312367	621.226488
151	3	82,811,832	82,812,650	818	12	0.32068705	245.004904	0.48933737	373.853749	0.58767897	448.986732
450	10	115,399,439	115,404,360	4,921	6	0.32076602	245.065236	0.39370153	300.787971	0.00027667	0.21137294
317	6	139,939,182	139,950,758	11,576	9	0.32132534	245.492561	0.76691169	585.920532	0.82737027	632.110885
352	7	79,385,029	79,385,270	241	3	0.3278041	250.442332	0.38380224	293.224911	0.91832519	701.600446
417	9	83,521,018	83,522,534	1,516	5	0.32824885	250.782119	0.77480927	591.954281	0.38374285	293.179534
160	3	111,559,680	111,562,943	3,263	4	0.32830153	250.822369	0.41829041	319.57387	0.02365193	18.0700721
248	5	88,583,061	88,583,112	51	4	0.32995083	252.082435	0.0873133	66.7073597	0.07459733	56.9923576
328	7	9,155,987	10,622,466	1,466,479	32	0.33287884	254.319436	0.39878763	304.673751	0.77035704	588.552778
236	5	58,311,716	58,332,254	20,538	11	0.3379019	258.157048	0.63226658	483.051667	0.57887525	442.260693
276	6	68,387,772	68,420,548	32,776	16	0.3379108	258.163848	0.96256189	735.397283	0.35135182	268.432793
572	13	110,512,099	110,531,531	19,432	16	0.33824288	258.41756	0.91467047	698.808242	0.67032082	512.12511
36	1	150,869,357	151,048,926	179,569	45	0.33868886	258.758287	0.1558559	119.073905	0.90748647	693.319663
263	5	148,493,203	148,495,504	2,301	12	0.33960509	259.458289	0.42528895	324.920756	0.97588074	745.572884
719	18	32,594,220	32,604,842	10,622	20	0.34156182	260.953232	0.11673442	89.1850945	0.19192558	146.631147
262	5	147,753,247	147,754,272	1,025	9	0.34257578	261.727897	0.29395609	224.582451	0.3073496	234.815095
673	17	6,255,961	6,909,183	653,222	59	0.34476304	263.398963	0.77159888	589.501547	0.27850044	212.77434
119	2	181,026,765	181,027,369	604	7	0.34591911	264.282202	0.20813056	159.011751	0.77648029	593.230941
688	17	35,565,259	35,576,419	11,160	9	0.34661108	264.810863	0.71389553	545.416185	0.96923884	740.498476
482	11	112,741,985	112,742,345	360	2	0.346666	264.852823	0.74099372	566.119201	0.47051254	359.471584
155	3	93,569,096	94,040,272	471,176	40	0.34857147	266.3086	0.39585989	302.436955	0.0990154	75.6477644

RegNo	Chr	Start	End	Size	No. probes in CNV	time immobile		immobility frequency		immobility latency	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
162	3	114,246,547	114,456,005	209,458	37	0.34966064	267.140725	0.15356295	117.322094	0.12174242	93.0112055
609	14	81,762,359	82,272,046	509,687	95	0.34974219	267.203035	0.17681804	135.08898	0.24896996	190.213047
761	X	132,892,320	132,962,355	70,035	9	0.35197201	268.906612	0.77852535	594.793366	0.09826423	75.0738702
214	5	5,954,742	6,110,511	155,769	34	0.35244464	269.267705	0.10695582	81.7142475	0.20977641	160.26918
547	13	22,180,406	22,247,428	67,022	20	0.35505194	271.259681	0.36248566	276.939042	0.68530637	523.574067
302	6	107,165,345	107,215,744	50,399	14	0.35581782	271.844816	0.8393915	641.295105	0.13242944	101.176092
460	11	29,170,076	29,217,510	47,434	9	0.35665977	272.488063	0.19120177	146.078155	0.63733697	486.925447
618	14	99,527,482	99,532,575	5,093	5	0.35695674	272.714951	0.59383918	453.693135	0.69415023	530.330777
763	X	154,298,124	154,298,522	398	5	0.35914762	274.388783	0.23698172	181.054036	0.03537393	27.0256839
136	3	73,914,056	74,346,968	432,912	73	0.3592384	274.458136	0.72962548	557.433866	0.70504057	538.650994
516	12	100,077,912	100,080,008	2,096	7	0.36174439	276.372711	0.8276333	632.311841	0.94200739	719.693648
540	13	16,433,591	16,468,016	34,425	6	0.36231802	276.810965	0.49300906	376.658925	0.9063162	692.425575
147	3	79,891,997	79,907,423	15,426	4	0.36240207	276.875183	0.92586255	707.358991	0.45872542	350.466217
648	15	57,340,168	57,347,478	7,310	10	0.36258177	277.012471	0.78664744	600.998647	0.21393069	163.44305
503	12	68,607,278	68,622,771	15,493	7	0.36291982	277.27074	0.69173253	528.483657	0.38209604	291.921377
5	1	35,232,073	35,235,862	3,789	4	0.36580059	279.47165	0.89405041	683.054517	0.08158824	62.3334185
66	2	49,051,169	49,070,497	19,328	7	0.36620799	279.782905	0.80258909	613.178061	0.11304407	86.3656708
17	1	79,034,685	79,074,361	39,676	13	0.36662598	280.102249	0.01404213	10.7281905	0.54636576	417.423438
158	3	105,009,284	105,009,297	13	2	0.36788329	281.062836	0.19638636	150.039182	0.5829838	445.399622
507	12	77,072,190	77,074,593	2,403	3	0.36992535	282.622969	0.09407104	71.8702757	0.02642814	20.1910963
591	14	37,935,152	37,946,976	11,824	22	0.37037518	282.966634	0.58710163	448.545643	0.37168116	283.96441
305	6	126,749,487	126,750,695	1,208	6	0.37312407	285.066793	0.02399498	18.3321615	0.51958433	396.962426
2	1	20,549,514	20,552,454	2,940	4	0.37315042	285.086922	0.42920442	327.912178	0.19004079	145.19116
73	2	71,656,510	71,687,549	31,039	67	0.37710534	288.108482	0.93709786	715.942764	0.83189743	635.569633
511	12	93,121,761	93,132,845	11,084	12	0.37994048	290.274524	0.70717884	540.284634	0.10463302	79.9396273
351	7	78,961,795	78,971,649	9,854	10	0.38038887	290.617096	0.82014849	626.593446	0.60724705	463.936746
313	6	138,345,026	138,345,242	216	3	0.38085558	290.97366	0.6027127	460.472506	0.96830807	739.787365
617	14	97,780,779	97,832,155	51,376	11	0.380896	291.004543	0.14876931	113.65975	0.38080033	290.93145
611	14	84,107,263	84,127,489	20,226	7	0.38388862	293.290908	0.64250516	490.87394	0.88834025	678.691952
7	1	39,032,035	39,038,959	6,924	11	0.38511949	294.231289	0.20426936	156.061791	0.84447765	645.180924
760	19	60,848,615	60,849,582	967	6	0.38897893	297.179903	0.75766296	578.854502	0.35059175	267.852098
115	2	159,730,233	159,749,061	18,828	7	0.39054388	298.375522	0.5677004	433.723109	0.990943	757.080451
318	6	140,731,823	140,757,346	25,523	9	0.39059047	298.41112	0.67912231	518.849446	0.76007841	580.699902
698	17	50,132,851	50,143,591	10,740	8	0.39060811	298.424595	0.2564408	195.92077	0.06377222	48.7219758
38	1	151,948,823	151,949,622	799	8	0.39123377	298.9026	0.37800728	288.79756	0.55893207	427.024098
100	2	128,720,236	128,721,154	918	8	0.39372274	300.804174	0.13082019	99.9466219	0.85094664	650.123236
411	9	37,086,445	37,086,843	398	5	0.39395538	300.981908	0.55912774	427.17359	0.98266354	750.754947
347	7	55,012,164	55,036,726	24,562	3	0.39543871	302.115177	0.72502974	553.922723	0.49537732	378.468275
410	9	35,652,844	35,929,172	276,328	71	0.39752047	303.70564	0.09363388	71.5362855	0.93341285	713.127417
55	2	8,079,421	8,097,887	18,466	3	0.39861313	304.540428	0.41276406	315.351739	0.89652202	684.942827
461	11	32,188,750	32,201,707	12,957	10	0.39922132	305.00509	0.31234827	238.634075	0.79045193	603.905272
181	4	12,377,058	12,377,306	248	3	0.39987118	305.501579	0.57527929	439.513377	0.80987995	618.748282
465	11	35,243,687	35,260,436	16,749	9	0.40382219	308.520155	0.85069649	649.932118	0.49006281	374.407986
720	18	43,568,830	43,609,197	40,367	17	0.40557354	309.858183	0.62369247	476.501049	0.93240194	712.355085
300	6	106,983,886	107,033,569	49,683	20	0.40557885	309.862244	0.83100632	634.888825	0.16449128	125.671337
729	18	72,714,633	72,727,773	13,140	6	0.40726458	311.150141	0.23560674	180.003547	0.92968364	710.278299
259	5	116,694,063	116,703,656	9,593	6	0.40728456	311.165406	0.44079084	336.764201	0.38826941	296.637825
251	5	93,157,395	93,174,537	17,142	3	0.41155286	314.426381	0.42308667	323.238216	0.28463979	217.464803
746	19	22,260,383	22,278,255	17,872	8	0.41205228	314.807945	0.44544573	340.32054	0.56395486	430.861516
254	5	105,511,760	105,511,768	8	3	0.413523	315.931574	0.26587226	203.126403	0.10716673	81.8753804
284	6	70,686,052	70,700,249	14,197	8	0.41368837	316.057914	0.83560621	638.403141	0.48025662	366.916058
595	14	41,640,656	41,648,076	7,420	5	0.41683256	318.460077	0.75306462	575.341371	0.26859677	205.207933
268	6	24,062,606	24,063,639	1,033	6	0.41856471	319.783441	0.50361546	384.762211	0.74746619	571.064169
598	14	52,484,180	52,492,450	8,270	8	0.42254157	322.821761	0.69869973	533.806591	0.13720828	104.827125
62	2	24,048,126	24,054,617	6,491	5	0.42352849	323.575769	0.94009611	718.233427	0.96759176	739.240101
185	4	30,266,433	30,312,363	45,930	5	0.42460646	324.399335	0.96420319	736.65124	0.98298005	750.99676
426	10	12,334,301	12,334,411	110	3	0.42563556	325.185569	0.15289432	116.811262	0.22976124	175.537584
273	6	67,402,363	67,416,752	14,389	10	0.42583806	325.340275	0.52816514	403.518164	0.19542832	149.307235
269	6	33,119,386	33,120,432	1,046	3	0.42763804	326.715461	0.83596149	638.674577	0.17730939	135.464371
326	7	5,363,956	5,499,501	135,545	21	0.42899444	327.751749	0.15524634	118.608205	0.37912189	289.649126
220	5	10,562,250	10,612,072	49,822	9	0.42912294	327.849927	0.09642175	73.666219	0.38131488	291.324571
644	15	54,022,603	54,023,121	518	4	0.42950376	328.140873	0.45508771	347.687011	0.30434679	232.520948
6	1	36,837,694	36,838,290	596	10	0.43146841	329.641864	0.57599265	440.058386	0.37243966	284.543898
695	17	45,324,397	45,349,233	24,836	10	0.43181508	329.906721	0.69241509	529.005132	0.23831293	182.071079
502	12	66,669,557	66,671,717	2,160	5	0.43225574	330.243388	0.51146502	390.759272	0.4050337	309.445748
141	3	76,770,745	76,819,643	48,898	10	0.43318807	330.955688	0.89095394	680.688813	0.4379069	334.560874
513	12	94,931,070	94,939,081	8,011	3	0.43466437	332.083577	0.53282696	407.079794	0.16240931	124.080713

RegNo	Chr	Start	End	Size	No. probes in CNV	time immobile		immobility frequency		immobility latency	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
382	8	28,371,247	28,479,196	107,949	43	0.43502649	332.360242	0.58570216	447.476448	0.17946944	137.114652
109	2	150,863,347	151,038,740	175,393	24	0.43601014	333.111748	0.59225901	452.485887	0.61159735	467.260376
647	15	57,135,310	57,181,123	45,813	11	0.43838427	334.92558	0.65110154	497.44158	0.02043814	15.6147378
161	3	112,470,201	112,489,449	19,248	15	0.43889429	335.315237	0.57257485	437.447183	0.63960125	488.655357
293	6	93,784,886	93,785,383	497	3	0.4392762	335.607017	0.02176561	16.6289257	0.59717783	456.243861
385	8	28,730,777	28,743,469	12,692	10	0.43988266	336.070349	0.80816023	617.434417	0.1720855	131.473322
165	3	116,765,381	116,765,393	12	3	0.44256922	338.122886	0.13177476	100.675919	0.31421236	240.058243
230	5	56,051,344	56,105,526	54,182	22	0.44257869	338.13012	0.74496335	569.152	0.14865768	113.574471
467	11	41,644,605	41,644,707	102	2	0.44484524	339.861766	0.41685005	318.473437	0.4235461	323.589222
125	3	18,744,219	18,777,414	33,195	5	0.44539528	340.281993	0.2108214	161.067552	0.94074686	718.730603
589	14	36,416,179	36,417,134	955	4	0.44764872	342.003622	0.43794369	334.588977	0.15384978	117.541236
757	19	52,231,855	52,248,556	16,701	4	0.4481252	342.36765	0.75820407	579.267908	0.53334402	407.474833
508	12	77,397,670	77,403,999	6,329	18	0.44835891	342.546208	0.19289095	147.36869	0.50083024	382.634306
499	12	60,477,871	60,593,624	115,753	26	0.44876856	342.859183	0.13802095	105.448007	0.3244152	247.853211
88	2	95,432,355	95,501,943	69,588	14	0.44915392	343.153596	0.35218008	269.065583	0.98369717	751.544639
311	6	137,984,036	137,984,036	0	1	0.45158922	345.014161	0.82918434	633.496832	0.55657242	425.221332
3	1	23,385,680	23,385,855	175	3	0.45218551	345.469729	0.47219596	360.757713	0.93645091	715.448494
542	13	17,220,681	17,226,530	5,849	6	0.45227971	345.541695	0.4772559	364.623504	0.1824777	139.412961
184	4	29,707,218	29,784,325	77,107	22	0.45406193	346.903314	0.76342509	583.256769	0.69365511	529.952507
415	9	48,364,375	48,368,373	3,998	5	0.45578263	348.21793	0.75135187	574.032825	0.96041056	733.75367
432	10	27,471,662	27,497,089	25,427	11	0.46106912	352.256805	0.38275539	292.425115	0.71745298	548.134074
87	2	95,223,572	95,293,225	69,653	17	0.46115022	352.318769	0.38665033	295.400851	0.98090401	749.410663
585	14	31,420,361	31,420,623	262	6	0.46511412	355.347189	0.94836661	724.552088	0.07771253	59.3723766
716	18	11,268,641	11,308,509	39,868	13	0.46668564	356.547832	0.27210419	207.887599	0.3177367	242.750841
32	1	142,515,175	142,625,802	110,627	19	0.46763079	357.269926	0.75114402	573.874034	0.57477275	439.126378
449	10	111,372,429	111,375,473	3,044	5	0.46766604	357.296857	0.03195158	24.4110092	0.00475373	3.63185311
553	13	51,435,014	51,439,412	4,398	4	0.46841828	357.871568	0.84546051	645.931832	0.78329552	598.437778
731	18	74,681,698	74,696,062	14,364	9	0.46882694	358.183783	0.51308211	391.99473	0.67518443	515.840902
705	17	70,731,388	70,734,298	2,910	4	0.47034701	359.345118	0.71926079	549.515242	0.13404913	102.413534
270	6	34,205,393	34,221,475	16,082	8	0.47395694	362.103101	0.70091616	535.499948	0.07566685	57.8094705
641	15	47,861,366	47,886,626	25,260	5	0.47820722	365.35032	0.76050466	581.025557	0.67925143	518.948094
374	7	115,735,206	115,755,917	20,711	5	0.48005659	366.763235	0.54371608	415.399086	0.49124706	375.312752
267	6	23,304,438	23,304,526	88	2	0.48143453	367.815983	0.44514545	340.091124	0.19009572	145.233126
388	8	34,256,748	34,305,880	49,132	12	0.48315362	369.129366	0.26941938	205.836405	0.13143504	100.416371
592	14	40,544,167	40,564,409	20,242	9	0.48454431	370.191853	0.52237348	399.09334	0.72593543	554.614669
375	7	116,229,414	116,230,142	728	2	0.48512388	370.634645	0.65124467	497.550924	0.37629094	287.486279
241	5	72,864,953	72,887,910	22,957	4	0.48687568	371.973021	0.017166	13.1148224	0.34044335	260.098718
207	4	155,497,765	155,507,226	9,461	9	0.48698544	372.056872	0.65590968	501.114996	0.89566385	684.287184
409	9	24,281,885	24,282,276	391	5	0.48756566	372.500166	0.46906	358.361836	0.77079656	588.888573
196	4	101,601,485	101,601,817	332	3	0.48830354	373.063907	0.71176578	543.789056	0.78315492	598.330357
84	2	89,902,828	89,923,597	20,769	7	0.48848567	373.203052	0.86814669	663.264071	0.24684641	188.590657
228	5	54,883,390	54,937,412	54,022	16	0.48920241	373.750642	0.45960978	351.141875	0.09770337	74.6453725
348	7	55,052,585	55,194,801	142,216	47	0.48943873	373.931191	0.80881016	617.930959	0.42567544	325.216039
341	7	39,096,069	46,665,068	7,568,999	70	0.49031097	374.597578	0.18664383	142.595883	0.8793428	671.8179
354	7	86,827,857	86,840,870	13,013	32	0.49433448	377.671541	0.28387321	216.879136	0.16521401	126.223504
72	2	67,407,575	67,425,236	17,661	4	0.49452537	377.817381	0.75079532	573.607627	0.05967076	45.5884572
652	15	59,995,445	60,044,261	48,816	12	0.4948972	378.101462	0.51606913	394.276816	0.28428851	217.196418
525	12	115,674,340	115,700,639	26,299	6	0.49515992	378.302182	0.24313244	185.753185	0.41275333	315.343544
168	3	133,030,667	133,030,900	233	4	0.49844582	380.812608	0.46428349	354.71259	0.75157141	574.200559
304	6	116,198,049	116,199,740	1,691	2	0.4990772	381.294982	0.91691954	700.526527	0.45545183	347.965199
201	4	121,651,872	122,237,050	585,178	26	0.50007164	382.05473	0.53123051	405.860107	0.7812466	596.872401
379	7	126,590,644	126,592,641	1,997	7	0.50130146	382.994312	0.47981698	366.580175	0.79100896	604.330848
391	8	52,394,663	52,466,264	71,601	14	0.50272175	384.079417	0.80997662	618.822137	0.56019955	427.992457
704	17	70,419,780	70,420,015	235	4	0.50359592	384.747281	0.58216198	444.77175	0.79309933	605.927889
737	19	9,210,938	9,398,238	187,300	34	0.50759435	387.802086	0.82533642	630.557028	0.24340791	185.963646
285	6	74,552,424	74,645,435	93,011	29	0.50867861	388.630454	0.91829817	701.5798	0.98743602	754.401119
301	6	107,044,360	107,080,793	36,433	6	0.51065552	390.140815	0.77291743	590.508919	0.16459285	125.748941
603	14	72,957,542	72,959,141	1,599	7	0.51092202	390.344421	0.31917029	243.846099	0.45261706	345.799436
473	11	60,139,991	60,140,876	885	2	0.513028	391.953393	0.58157164	444.320734	0.7141323	545.597074
637	15	33,880,442	33,900,991	20,549	7	0.51354745	392.35025	0.58912969	450.09508	0.717998	548.550474
308	6	128,729,176	128,769,001	39,825	28	0.51492699	393.404219	0.84307377	644.108361	0.71407943	545.556684
425	10	9,122,767	9,150,853	28,086	12	0.51781317	395.609266	0.44226525	337.890653	0.7540487	592.409319
45	1	173,168,430	173,168,911	481	10	0.52017161	397.411113	0.53680928	410.122286	0.86139206	658.103536
416	9	49,959,080	49,978,944	19,864	10	0.52026877	397.485339	0.90293671	689.843648	0.11849114	90.5272305
456	11	3,416,276	3,416,511	235	6	0.52038789	397.576344	0.92902272	709.773361	0.48393105	369.723324
47	1	175,732,220	175,912,848	180,628	66	0.52056075	397.708409	0.69654197	532.158064	0.87013628	664.784116
587	14	34,935,044	34,947,005	11,961	4	0.52084105	397.922565	0.56235046	429.635755	0.27593528	210.814555

RegNo	Chr	Start	End	Size	No. probes in CNV	time immobile		immobility frequency		immobility latency	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
383	8	28,519,836	28,531,880	12,044	14	0.52343081	399.901142	0.26907038	205.569771	0.47104213	359.876188
150	3	81,739,495	81,746,183	6,688	6	0.52442446	400.66029	0.0695328	53.1230598	0.73048955	558.094019
709	17	80,443,846	80,449,220	5,374	17	0.52443583	400.668976	0.88649674	677.283508	0.11108131	84.866117
479	11	91,182,491	91,224,527	42,036	10	0.52480227	400.948933	0.43145641	329.632699	0.78004465	595.954112
175	3	142,632,626	142,644,531	11,905	6	0.52616563	401.990545	0.91585865	699.716008	0.63817651	487.56685
466	11	40,938,197	40,942,448	4,251	3	0.52744688	402.969417	0.15117955	115.501178	0.85319638	651.842036
575	13	114,694,855	114,724,317	29,462	12	0.52760654	403.091394	0.90790501	693.639424	0.64615838	493.664999
570	13	110,143,424	110,148,369	4,945	4	0.5279936	403.88711	0.61371389	468.877414	0.04678222	35.7416123
27	1	129,051,041	129,076,535	25,494	4	0.5312704	405.890588	0.43299081	330.804979	0.64834142	495.332846
10	1	55,456,409	55,456,847	438	4	0.53292539	407.155	0.3603739	275.325661	0.69464556	530.709205
367	7	113,403,102	113,539,296	136,194	13	0.53505142	408.779286	0.44584117	340.622656	0.85063331	649.883852
726	18	70,602,756	70,623,157	20,401	18	0.53681306	410.12518	0.13643833	104.238883	0.88083881	672.960852
19	1	97,254,323	97,293,244	38,921	6	0.53776233	410.85042	0.22925797	175.15309	0.2992576	228.632808
678	17	23,102,933	23,283,132	180,199	16	0.53779784	410.877546	0.10586613	80.8817241	0.59089049	451.440332
324	6	145,108,944	145,120,036	11,092	15	0.53969858	412.329714	0.22077084	168.66892	0.43762947	334.348916
605	14	74,318,558	74,331,581	13,023	7	0.53983805	412.436269	0.35307086	269.746138	0.1661749	126.95762
345	7	54,813,251	54,974,058	160,807	21	0.54090792	413.25365	0.57352633	438.174112	0.43778118	334.46482
224	5	24,735,376	24,752,262	16,886	8	0.54092027	413.263086	0.59713569	456.211665	0.96500389	737.262968
20	1	97,405,881	97,405,894	13	2	0.54458023	416.059295	0.46684077	356.666346	0.15470419	118.193999
668	16	82,784,724	82,800,887	16,163	7	0.54548341	416.749324	0.47844629	365.532963	0.57688189	440.737762
336	7	31,017,542	31,018,654	1,112	15	0.5455921	416.832362	0.81613136	623.524356	0.49501011	378.187727
174	3	141,728,366	141,728,691	325	4	0.5463167	417.385961	0.35888728	274.189881	0.85902257	656.293241
355	7	109,754,987	109,760,894	5,907	3	0.55091185	420.896655	0.6831236	521.906432	0.9444627	721.569501
222	5	12,178,347	12,178,906	559	4	0.5529087	422.422246	0.94378787	721.05393	0.96072803	733.996218
721	18	44,715,384	44,733,855	18,471	4	0.55579258	424.625528	0.39263399	299.97237	0.84127362	642.733042
381	7	133,164,530	133,182,625	18,095	5	0.55859295	426.765011	0.05547494	42.3828555	0.5475926	418.360746
725	18	69,835,601	69,836,287	686	4	0.55949498	427.454161	0.89011217	680.045696	0.64484483	492.661447
286	6	74,899,205	74,998,745	99,540	16	0.56535431	431.93069	0.67286994	514.072632	0.94026505	718.362498
687	17	35,482,411	35,482,653	242	6	0.5655738	432.098382	0.5952564	454.775886	0.61104642	466.839463
756	19	50,825,237	50,868,798	43,561	17	0.56599182	432.417747	0.81353924	621.54398	0.70508133	538.682136
497	12	57,140,406	57,157,776	17,370	11	0.56685875	433.080089	0.19369064	147.979652	0.41123432	314.183023
116	2	161,562,255	161,562,577	322	2	0.56776664	433.773717	0.92997919	710.5041	0.8360026	638.705985
378	7	126,424,614	126,433,784	9,170	7	0.57029806	435.707718	0.6303455	481.583962	0.7615726	581.84147
638	15	42,106,513	42,112,059	5,546	4	0.5713142	436.484049	0.67140949	512.956854	0.49992665	381.943958
520	12	111,254,016	111,287,270	33,254	5	0.57272487	437.561803	0.49747553	380.071304	0.55521317	424.182862
50	1	177,725,275	177,729,816	4,541	7	0.57480469	439.150785	0.84351996	644.449246	0.89689066	685.224464
229	5	55,418,075	55,483,118	65,043	10	0.57632495	440.312265	0.55290148	422.416731	0.14863724	113.558852
53	1	186,078,558	186,110,754	32,196	11	0.57815821	441.712873	0.58051612	443.514312	0.82923493	633.535487
107	2	148,755,144	148,927,143	171,999	37	0.57853756	442.002692	0.96683619	738.662846	0.65623731	501.365306
519	12	110,355,216	110,412,139	56,923	8	0.57891124	442.288186	0.03103538	23.7110313	0.16514774	126.172876
356	7	109,794,774	109,817,326	22,552	8	0.58117501	444.017706	0.60635119	463.252306	0.9790218	747.972659
298	6	103,383,705	103,460,909	77,204	19	0.58577396	447.531308	0.91252445	697.168679	0.57987218	443.022343
46	1	173,219,128	173,222,721	3,593	17	0.58631779	447.946791	0.83984184	641.639162	0.95039712	726.103398
602	14	72,880,516	72,895,559	15,043	6	0.58649815	448.08459	0.37946791	289.913487	0.56782825	433.82078
376	7	116,559,867	116,581,880	22,013	9	0.58695545	448.433968	0.65495046	500.382149	0.38593091	294.851216
606	14	75,621,182	75,623,938	2,756	8	0.58735611	448.740068	0.1813271	138.533902	0.26343683	201.26574
533	12	117,219,726	117,240,329	20,603	9	0.58762837	448.948072	0.16483118	125.931018	0.41228381	314.984827
330	7	12,198,129	12,258,765	60,636	14	0.58796698	449.206774	0.63586313	485.799434	0.49799658	380.469391
514	12	96,196,196	96,223,173	26,977	11	0.58798297	449.218986	0.85706978	654.801314	0.91513033	699.159569
445	10	99,340,365	99,364,548	24,183	8	0.5896379	450.483359	0.61164698	467.298294	0.64003535	488.987005
60	2	19,097,545	19,120,990	23,445	8	0.58999454	450.755832	0.54724145	418.092467	0.76965019	588.012742
696	17	47,888,395	47,889,838	1,443	5	0.5903327	451.014182	0.78206511	597.49774	0.8104498	619.743648
95	2	104,754,730	104,755,713	983	6	0.59128207	451.739502	0.64527996	492.993891	0.54608156	417.206311
496	12	50,509,608	50,895,726	386,118	74	0.5918131	452.145207	0.96336544	736.011194	0.3244366	247.869565
398	8	80,087,901	80,089,033	1,132	7	0.59404003	453.846579	0.76088776	581.318246	0.92120535	703.80089
244	5	77,654,536	77,670,776	16,240	4	0.59754275	456.52266	0.19412107	148.308497	0.26722315	204.158486
140	3	75,822,052	75,927,523	105,471	32	0.59904554	457.670792	0.82529558	630.525823	0.30477494	232.848055
738	19	11,666,254	11,674,336	8,082	7	0.60031606	458.641471	0.98956435	756.027163	0.51731848	395.231321
405	8	99,036,252	99,037,492	1,240	6	0.60085937	459.056556	0.3896957	297.727517	0.09417552	71.9500982
357	7	109,855,744	109,858,484	2,740	7	0.60125129	459.355983	0.6973139	532.747817	0.92693678	708.179701
346	7	54,976,185	55,008,187	32,002	13	0.60460775	461.920317	0.78892987	602.742424	0.53067536	405.435977
614	14	90,380,187	90,380,247	60	2	0.60512759	462.317476	0.60878607	465.11256	0.65731434	502.188154
642	15	47,894,162	47,942,137	47,975	12	0.60733479	464.003782	0.85243899	651.263389	0.27453657	209.745942
272	6	45,499,299	45,520,306	21,007	9	0.61283318	468.204549	0.76688316	585.898733	0.2745369	209.746194
231	5	56,305,332	56,639,679	334,347	64	0.61486095	469.753764	0.72644715	555.005619	0.20905502	159.718033
679	17	27,427,669	27,585,674	158,005	67	0.61632557	470.872733	0.17229817	131.635798	0.02689002	20.5439773
362	7	111,120,174	111,154,197	34,023	18	0.61761707	471.859441	0.57390725	438.465137	0.92322206	705.341652

RegNo	Chr	Start	End	Size	No. probes in CNV	time immobile		immobility frequency		immobility latency	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
343	7	50,914,593	50,919,381	4,788	12	0.61787347	472.055328	0.1108905	84.7203407	0.41195377	314.732681
366	7	112,352,842	112,433,900	81,058	21	0.62168949	474.970769	0.45542967	347.948266	0.38211783	291.938019
491	12	30,667,058	30,671,688	4,630	16	0.62269782	475.741135	0.91949432	702.493661	0.5988128	457.492983
480	11	91,549,365	91,640,179	90,814	26	0.62717908	479.164818	0.43690525	333.795615	0.36236999	276.850673
612	14	84,464,875	84,610,363	145,488	25	0.628705	480.330622	0.32370398	247.309841	0.3667259	280.178585
742	19	15,223,352	15,236,075	12,723	12	0.62873616	480.354426	0.42707504	326.285327	0.51687862	394.895263
223	5	24,721,251	24,722,132	881	2	0.62983848	481.196599	0.89345459	682.59931	0.76097789	581.387111
335	7	27,627,143	27,736,250	109,107	13	0.63129441	482.308932	0.21566312	164.766621	0.66007141	504.294554
294	6	97,429,680	97,475,425	45,745	19	0.63269988	483.382711	0.29293723	223.804045	0.61912478	473.011329
619	14	108,869,805	109,052,336	182,531	21	0.63456882	484.810579	0.44089457	336.843455	0.02744651	20.9691346
447	10	103,726,788	103,890,930	164,142	35	0.63637014	486.186785	0.22921937	175.123597	0.57488909	439.215266
377	7	117,633,683	117,650,114	16,431	5	0.63701791	486.681686	0.64553938	493.192088	0.34879922	266.482608
360	7	110,370,159	110,491,407	121,248	30	0.63908877	488.263818	0.68229485	521.273265	0.88917139	679.326944
631	15	21,563,129	21,834,835	271,706	50	0.64095726	489.691345	0.92351113	705.5625	0.74365494	568.152371
56	2	10,026,781	10,026,809	28	3	0.64336962	491.53439	0.21701269	165.797695	0.89489988	683.70351
703	17	69,208,113	69,208,347	234	3	0.64350624	491.638767	0.69776868	533.09527	0.29284843	223.736204
246	5	84,551,530	84,563,500	11,970	10	0.64401022	492.023808	0.94846453	724.626901	0.37553303	286.907235
368	7	115,004,586	115,041,563	36,977	9	0.64669787	494.07717	0.92871857	709.540984	0.87744317	670.366584
85	2	90,107,247	90,107,565	318	4	0.64742055	494.629299	0.05076267	38.7826807	0.27640194	211.171083
667	16	72,099,380	72,103,464	4,084	5	0.64745458	494.655301	0.87328866	667.192534	0.34127688	260.735538
555	13	65,478,774	66,913,713	1,434,939	36	0.64927045	496.042623	0.27784906	212.276679	0.44746392	341.862434
419	9	103,355,461	103,358,235	2,774	4	0.65193118	498.075422	0.7508229	573.628694	0.76043394	580.971531
349	7	55,454,535	55,702,761	248,226	42	0.65253938	498.540088	0.96631725	738.266379	0.40118934	306.508658
247	5	85,651,181	85,653,617	2,436	3	0.65310163	498.969646	0.90835899	693.98627	0.32649823	249.444646
11	1	55,818,726	55,848,831	30,105	9	0.65316337	499.016813	0.83588185	638.613736	0.5312358	405.864148
202	4	143,201,660	143,205,948	4,288	12	0.65409403	499.727837	0.10542605	80.5455008	0.78930895	603.032039
671	17	3,865,865	3,901,219	35,354	14	0.65498533	500.408794	0.90753121	693.353845	0.35498117	271.205614
684	17	33,712,337	33,713,456	1,119	7	0.65657475	501.623107	0.51220246	391.322682	0.48490344	370.466227
476	11	70,974,623	71,017,152	42,529	41	0.65708242	502.010968	0.14161963	108.197397	0.60205531	459.970258
517	12	100,214,407	100,217,042	2,635	6	0.65771103	502.491223	0.6014281	459.491068	0.29166608	222.832889
23	1	117,256,807	117,267,404	10,597	4	0.6580703	502.765709	0.78211206	597.533611	0.23800817	181.838239
240	5	65,457,666	65,458,442	776	4	0.65808979	502.780597	0.83488913	637.855292	0.10785353	82.4000983
176	3	142,821,258	142,823,735	2,477	8	0.65816407	502.837349	0.80388127	614.165293	0.52287103	399.473467
691	17	36,257,749	36,302,789	45,040	66	0.65853016	503.117044	0.12883461	98.4296418	0.37200297	284.210269
660	16	32,184,109	32,184,127	18	3	0.65891368	503.410052	0.25144893	192.10698	0.43626001	333.302647
636	15	29,502,036	29,545,764	43,728	18	0.65901596	503.488194	0.30953497	236.484718	0.67708488	517.29285
498	12	57,366,059	57,387,621	21,562	8	0.65925265	503.669021	0.14812544	113.167835	0.27419127	209.482129
566	13	101,744,103	101,745,478	1,375	4	0.66025871	504.437656	0.31359661	239.58781	0.27029509	206.505452
91	2	98,502,651	98,504,185	1,534	7	0.66040844	504.552045	0.27617262	210.995884	0.16343592	124.865046
670	16	90,821,219	90,821,219	0	1	0.66156627	505.43663	0.2790043	213.159284	0.59088478	451.435971
550	13	25,542,964	25,545,689	2,725	3	0.66202649	505.78824	0.74940358	572.544332	0.99315015	758.766715
427	10	15,272,668	15,281,790	9,122	3	0.66267976	506.287335	0.64295554	491.218036	0.4606339	351.924303
646	15	56,628,058	56,711,813	83,755	18	0.66322256	506.702032	0.72106466	550.893403	0.05211815	39.8182693
321	6	143,197,769	143,206,183	8,414	12	0.66353503	506.940765	0.13027638	99.5311538	0.68910516	526.476344
235	5	58,053,095	58,082,352	29,257	10	0.66451668	507.690741	0.61605963	470.669557	0.19280204	147.300756
98	2	119,435,715	119,443,644	7,929	14	0.6662541	509.018135	0.35037351	267.685364	0.60408887	461.523894
195	4	99,656,586	99,659,910	3,324	8	0.66737152	509.87184	0.63298405	483.599818	0.81825588	625.147492
697	17	49,818,440	49,818,487	47	2	0.66844654	510.693159	0.78898722	602.786233	0.18480741	141.192858
477	11	73,070,371	73,074,216	3,845	3	0.6688688	511.015766	0.35512836	271.318063	0.85571741	653.768102
665	16	62,626,563	62,633,214	6,651	7	0.66924839	511.305769	0.38386934	293.276176	0.86603693	661.652212
112	2	158,150,954	158,151,984	1,030	7	0.66962923	511.596732	0.13638483	104.198012	0.22960662	175.419457
370	7	115,300,845	115,399,384	98,539	22	0.66983788	511.756144	0.39669627	303.075948	0.37644192	287.601624
588	14	35,539,377	35,543,834	4,457	7	0.67102466	512.662839	0.79035183	603.828797	0.93824258	716.817333
745	19	20,020,406	20,021,069	663	4	0.67543791	516.034566	0.45919816	350.827393	0.68353011	522.217003
561	13	73,546,675	73,574,553	27,878	11	0.67613257	516.565286	0.69033715	527.417579	0.63988419	488.871524
126	3	19,248,566	19,249,465	899	4	0.67833439	518.247471	0.3214966	245.623405	0.82140119	627.550508
261	5	139,004,112	139,005,838	1,726	8	0.67951021	519.145804	0.76128403	581.620999	0.5455906	416.831215
363	7	111,428,102	111,428,284	182	3	0.67979041	519.359874	0.96880311	740.165576	0.68328224	522.027632
127	3	19,908,299	19,908,553	254	3	0.67986537	519.417139	0.35337639	269.979564	0.31206434	238.417157
372	7	115,511,458	115,540,995	29,537	9	0.68147813	520.649289	0.6203422	473.941441	0.60956317	465.706262
138	3	75,623,409	75,627,481	4,072	7	0.68152977	520.688748	0.07402365	56.5540699	0.99737774	761.996591
77	2	83,693,539	83,697,762	4,223	8	0.68212168	521.140966	0.03963228	30.2790588	0.32013367	244.582125
137	3	75,378,209	75,414,973	36,764	15	0.68745022	525.211197	0.31202787	238.389293	0.91949726	702.495904
436	10	55,530,107	55,533,033	2,926	3	0.69003086	527.183578	0.78492975	599.686331	0.0301024	22.9982351
469	11	46,482,581	46,488,864	6,283	4	0.69040468	527.469179	0.15757776	120.389406	0.51280469	391.782783
562	13	74,876,460	74,877,016	556	4	0.69120617	528.081511	0.17056243	130.309694	0.84205001	643.32621
322	6	143,508,240	143,525,815	17,575	8	0.69196959	528.664765	0.74699446	570.703765	0.67599384	516.459295

RegNo	Chr	Start	End	Size	No. probes in CNV	time immobile		immobility frequency		immobility latency	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
762	X	147,048,432	147,056,301	7,869	9	0.6924836	529.057469	0.61901435	472.926962	0.63016394	481.445247
296	6	101,279,285	101,286,899	7,614	6	0.69568775	531.505442	0.33253524	254.056925	0.95245047	727.672156
571	13	110,285,017	110,360,210	75,193	25	0.69810979	533.355882	0.16857721	128.792987	0.02676144	20.4457365
96	2	107,456,118	107,456,210	92	3	0.70066038	535.304527	0.41600176	317.825345	0.41069758	313.772948
177	3	143,512,892	143,520,968	8,076	4	0.70079839	535.409968	0.80837325	617.597166	0.43244154	330.385333
22	1	116,260,504	116,348,067	87,563	21	0.70194402	536.285234	0.58969655	450.528167	0.39388263	300.926327
4	1	31,776,449	31,799,110	22,661	4	0.70376388	537.675604	0.73029616	557.946268	0.42544949	325.043407
309	6	130,065,363	130,316,515	251,152	113	0.70490161	538.544833	0.76733636	586.244979	0.59116914	451.653226
154	3	92,782,636	92,787,763	5,127	2	0.70607265	539.439501	0.55762047	426.022037	0.14231623	108.729603
67	2	51,610,260	51,614,420	4,160	4	0.70817663	541.046942	0.97384353	744.016455	0.31947678	244.080257
80	2	86,532,638	86,532,761	123	2	0.70911587	541.764527	0.11212656	85.6646943	0.09112649	69.6206406
394	8	55,050,369	55,055,813	5,444	9	0.70944514	542.016085	0.34505365	263.620991	0.3997522	305.410682
567	13	104,201,097	104,203,640	2,543	4	0.70969381	542.206073	0.87713382	670.130241	0.36426135	278.295668
291	6	79,445,527	79,447,101	1,574	5	0.71006196	542.487336	0.53849933	411.413486	0.18461038	141.042328
310	6	130,707,413	130,787,067	79,654	17	0.71104163	543.235803	0.90853578	694.121339	0.66060885	504.70516
651	15	59,826,344	59,837,575	11,231	5	0.71545896	546.610647	0.49244655	376.229168	0.31052166	237.238548
686	17	34,644,200	34,650,995	6,795	8	0.71697906	547.771998	0.84124834	642.713734	0.10510675	80.3015568
393	8	53,127,775	53,284,994	157,219	33	0.71725089	547.979681	0.86587043	661.525005	0.84537456	645.866165
613	14	85,098,924	85,109,651	10,727	4	0.71782156	548.415675	0.91896983	702.092951	0.12175273	93.0190825
9	1	52,348,330	52,357,761	9,431	3	0.72049719	550.459853	0.28860468	220.493979	0.07937363	60.6414561
30	1	135,250,842	135,255,585	4,743	16	0.72109194	550.914239	0.90226207	689.328224	0.53357771	407.653372
99	2	125,053,391	125,067,750	14,359	7	0.72223598	551.788285	0.46844815	357.89439	0.42142533	321.968951
429	10	20,924,226	20,938,033	13,807	10	0.72449374	553.513216	0.782794	598.054614	0.73002065	557.735776
512	12	94,915,259	94,917,313	2,054	6	0.72534646	554.164695	0.76263299	582.651604	0.15323854	117.074246
359	7	110,142,788	110,201,227	58,439	14	0.72564351	554.391639	0.67971945	519.305658	0.84649541	646.722494
736	19	8,566,372	8,598,321	31,949	6	0.72717083	555.558511	0.10680671	81.6003293	0.57966285	442.862417
601	14	68,685,551	68,694,460	8,909	3	0.72724104	555.612151	0.50731579	387.589261	0.74116377	566.249124
693	17	43,655,463	43,661,943	6,480	9	0.72836772	556.472941	0.07038802	53.7764489	0.03671613	28.0511238
16	1	78,229,021	78,245,671	16,650	10	0.72902532	556.975342	0.67449951	515.317624	0.86788593	663.064848
669	16	83,059,531	83,101,057	41,526	8	0.73013517	557.823271	0.49651794	379.339704	0.71737938	548.077843
734	18	85,052,526	85,055,530	3,004	4	0.73081909	558.345781	0.81360757	621.596184	0.28630678	218.738383
130	3	36,939,970	36,945,279	5,309	13	0.73201998	559.263268	0.22711134	173.513067	0.60931613	465.517525
233	5	57,523,177	57,665,253	142,076	34	0.73353869	560.42356	0.66582407	508.689588	0.17486305	133.595369
57	2	13,664,146	13,664,834	688	3	0.73423749	560.957441	0.82771974	632.37788	0.87090353	665.370297
564	13	95,862,954	95,864,309	1,355	4	0.73645152	562.648959	0.08032084	61.3651244	0.86278731	659.169502
178	4	3,458,919	3,479,026	20,107	8	0.73845462	564.179326	0.74763082	571.189943	0.76703446	586.014329
369	7	115,270,034	115,271,579	1,545	5	0.73850817	564.220239	0.8843728	675.660817	0.53431116	408.213729
451	10	117,614,479	117,746,451	131,972	25	0.74048453	565.730181	0.93993393	718.109521	0.52140721	398.355105
718	18	28,685,988	28,686,474	486	9	0.74106062	566.170313	0.95873931	732.476833	0.55375807	423.071164
744	19	19,959,182	19,972,780	13,598	11	0.74184345	566.768396	0.34197554	261.269313	0.83951233	641.387419
103	2	142,748,719	142,766,622	17,903	6	0.74366755	568.162007	0.8636248	659.809349	0.28272338	216.000665
509	12	85,202,936	85,230,001	27,065	4	0.74380727	568.268758	0.47232443	360.855866	0.07798455	59.5801944
76	2	77,675,871	77,873,766	197,895	90	0.74517172	569.311191	0.06588052	50.3327143	0.55178422	421.563145
620	14	110,067,383	110,117,892	50,509	23	0.74768952	571.234792	0.38248687	292.21997	0.06390447	48.823017
144	3	77,485,805	77,554,692	68,887	15	0.74897982	572.220581	0.56998008	435.464784	0.23744184	181.405567
413	9	38,480,102	38,488,311	8,209	9	0.75073365	573.560512	0.85460851	652.9209	0.90775548	693.525187
129	3	27,091,227	27,091,625	398	2	0.75178196	574.361417	0.56664588	432.917452	0.75351904	575.688545
26	1	125,564,862	125,583,245	18,383	5	0.7525697	574.963253	0.24241568	185.205578	0.61201656	467.580652
400	8	80,263,027	80,263,410	383	3	0.75345167	575.637079	0.72982502	557.586316	0.87532036	668.744755
342	7	48,319,662	48,548,430	228,768	41	0.75485508	576.709281	0.52343554	399.904752	0.61070579	466.579224
373	7	115,566,346	115,604,872	38,526	12	0.75508496	576.884911	0.92963439	710.240673	0.89873719	686.635214
221	5	10,785,521	11,246,794	461,273	17	0.75585653	577.474386	0.29066698	222.069571	0.9066078	692.648359
535	13	7,649,110	7,724,259	75,149	19	0.75962179	580.35105	0.78005863	595.964794	0.99400323	759.41847
337	7	32,532,002	32,694,597	162,595	16	0.76018971	580.784936	0.80416404	614.38133	0.56945864	435.066403
303	6	110,118,673	110,222,644	103,971	35	0.76050702	581.027367	0.63701995	486.683244	0.53686642	410.165942
114	2	159,276,790	159,289,145	12,355	7	0.76175538	581.981108	0.86403256	660.120878	0.38391796	293.313322
332	7	12,712,933	12,770,476	57,543	23	0.76219774	582.319071	0.80156737	612.397474	0.48889681	373.517162
274	6	67,506,071	67,662,275	156,204	15	0.76409583	583.769216	0.46135285	352.473577	0.1152202	88.0282322
552	13	47,103,645	47,106,624	2,979	8	0.76417919	583.832904	0.89648797	684.916809	0.97415601	744.255191
722	18	44,814,127	44,831,000	16,873	8	0.76444386	584.035106	0.71776031	548.36888	0.86524771	661.049247
663	16	44,159,384	44,159,604	220	3	0.76475613	584.273686	0.74550321	569.564453	0.71621703	547.189809
708	17	76,673,848	76,684,159	10,311	8	0.76555065	584.880696	0.86869894	663.685994	0.35664542	272.477097
131	3	38,148,460	38,176,970	28,510	6	0.76574886	585.032128	0.75689468	578.267533	0.10803218	82.5365861
361	7	111,067,015	111,077,749	10,734	10	0.7664152	585.541215	0.76287557	582.836937	0.85234758	651.193549
290	6	75,938,517	76,017,583	79,066	26	0.76758755	586.436891	0.73742946	563.396111	0.98670296	753.841064
206	4	146,941,153	147,202,567	261,414	33	0.77137434	589.329997	0.22226113	169.807501	0.75833605	579.368744
182	4	19,295,055	19,299,440	4,385	4	0.77423859	591.51828	0.86382278	659.960603	0.49501517	378.191589

RegNo	Chr	Start	End	Size	No. probes in CNV	time immobile		immobility frequency		immobility latency	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
232	5	57,133,588	57,340,535	206,947	46	0.7751396	592.206658	0.84194315	643.244566	0.16322736	124.705703
621	14	110,191,067	110,226,475	35,408	15	0.77902966	595.178659	0.56219365	429.515945	0.09197873	70.2717496
216	5	7,031,786	7,048,239	16,453	7	0.77918293	595.295755	0.85670422	654.522022	0.83834137	640.49281
205	4	145,452,418	146,034,593	582,175	33	0.78335466	598.482959	0.26360558	201.394665	0.78512988	599.839225
707	17	74,806,574	74,808,253	1,679	6	0.78383133	598.847136	0.75547724	577.18461	0.21908218	167.378788
682	17	32,776,807	32,785,160	8,353	9	0.78472505	599.529938	0.10716881	81.8769743	0.07919649	60.5061221
250	5	91,008,627	91,008,703	76	3	0.78663168	600.986601	0.55362891	422.972488	0.88237278	674.132802
54	1	191,042,126	191,079,146	37,020	18	0.78753476	601.67656	0.36218483	276.709213	0.70320181	537.246182
412	9	38,126,083	38,141,452	15,369	15	0.78852022	602.429451	0.91018485	695.381225	0.94022423	718.331308
633	15	22,457,663	22,478,262	20,599	9	0.79115268	604.440648	0.6339732	484.355522	0.88519067	676.285674
531	12	116,745,882	117,040,993	295,111	41	0.79257696	605.528795	0.17635106	134.732211	0.46264909	353.463904
111	2	157,151,875	157,154,538	2,663	7	0.79879116	610.276448	0.83991128	641.692215	0.30663884	234.272074
122	3	10,385,565	10,390,978	5,413	14	0.79983684	611.075346	0.11978325	91.5144013	0.98217202	750.37942
51	1	177,998,116	178,000,769	2,653	5	0.80142546	612.28905	0.82820293	632.747041	0.48231389	368.487812
694	17	43,822,177	43,822,413	236	4	0.8019396	612.681858	0.37244494	284.547934	0.00040008	0.30566452
616	14	95,445,940	95,528,057	82,117	17	0.8051764	615.154767	0.80166715	612.473702	0.729961	557.690205
659	15	100,148,252	100,195,778	47,526	23	0.80679296	616.389824	0.42328128	323.386899	0.00921309	7.03880149
70	2	63,192,560	63,242,247	49,687	4	0.80900925	618.083069	0.70501464	538.631184	0.0723069	55.2424717
81	2	88,639,234	88,671,005	31,771	13	0.80985772	618.731298	0.09894304	357.5924828	0.12710123	97.1053362
630	15	21,134,231	21,172,655	38,424	11	0.81007176	618.894825	0.46839057	375.850399	0.73901884	564.610396
495	12	49,411,350	49,474,614	63,264	14	0.81033838	619.098519	0.33777574	258.060662	0.22797121	174.170003
289	6	75,438,396	75,448,628	10,232	6	0.81135708	619.876811	0.67639472	516.765564	0.77679502	593.471393
414	9	39,149,141	39,234,634	85,493	13	0.8123417	620.629058	0.80722919	616.723103	0.37173025	284.001907
656	15	91,559,592	91,567,072	7,480	11	0.81499395	622.655381	0.87696258	669.999415	0.4842688	369.981365
74	2	74,336,997	74,349,334	12,337	4	0.81525027	622.851206	0.53082573	405.550859	0.83960514	641.458324
323	6	143,640,052	143,657,471	17,419	8	0.81751248	624.579534	0.4669881	356.778911	0.73688987	562.983859
28	1	130,723,207	130,733,460	10,253	10	0.82330589	629.005703	0.85391339	652.389828	0.91601901	699.838527
297	6	102,304,927	102,326,421	21,494	6	0.82615256	631.180552	0.37683269	287.900178	0.70217145	536.458991
44	1	170,514,272	170,514,364	92	3	0.82716029	631.950463	0.95613038	730.483612	0.7047612	538.437555
133	3	46,586,743	46,615,495	28,752	4	0.82771651	632.375412	0.87227056	666.414705	0.65761204	502.4156
640	15	47,636,509	47,639,595	3,086	5	0.82777266	632.418316	0.96386844	736.395484	0.56054268	428.254605
538	13	13,972,917	13,987,506	14,589	8	0.82830226	632.822924	0.24704747	188.74427	0.5136701	392.443958
406	8	117,488,656	117,647,628	158,972	46	0.82883735	633.231733	0.14252182	108.886668	0.41245644	315.11672
142	3	76,953,923	76,971,769	17,846	6	0.82895804	633.323941	0.47227677	360.819452	0.16696777	127.563377
428	10	15,385,518	15,432,971	47,453	8	0.83388605	637.088943	0.69446959	530.574768	0.74571999	569.730071
574	13	112,541,067	112,542,692	1,625	9	0.83661342	639.172652	0.43112378	329.378565	0.42129795	321.871637
714	17	92,827,951	92,923,001	95,050	18	0.83665581	639.205037	0.38390484	293.3033	0.72024006	550.263404
186	4	56,211,617	56,212,288	671	6	0.83775495	640.044783	0.24732991	188.960053	0.25731088	196.585512
8	1	42,233,858	42,246,588	12,730	4	0.83845097	640.576538	0.4498444	343.681124	0.76830734	586.986808
299	6	104,527,703	104,528,363	660	2	0.83911062	641.080513	0.5410159	413.336147	0.09599811	73.3425596
71	2	65,188,132	65,192,936	4,804	7	0.84363862	644.539908	0.42631978	325.70831	0.11978767	91.5177798
681	17	31,987,684	31,988,529	845	12	0.848486	648.243303	0.19868213	151.793146	0.16169143	123.532254
759	19	58,755,311	58,769,822	14,511	9	0.85153427	650.57218	0.33933723	259.253641	0.63158452	482.530576
78	2	85,646,753	85,648,776	2,023	5	0.85230374	651.16006	0.13055918	99.7472127	0.37098493	283.432484
79	2	85,832,974	85,867,734	34,760	11	0.85295801	651.659918	0.05468242	41.7773664	0.26467961	202.215222
632	15	22,146,459	22,192,021	45,562	7	0.85641506	654.301104	0.77559399	592.55381	0.68748036	525.234998
723	18	57,820,265	57,902,448	82,183	39	0.85660862	654.448986	0.67715595	517.347149	0.87690036	669.951875
645	15	55,025,921	55,026,265	344	3	0.85665397	654.483633	0.66982786	511.748482	0.87707686	670.086722
728	18	72,536,401	72,559,030	22,629	10	0.85678199	654.581442	0.74443714	568.749976	0.66598681	508.81392
139	3	75,701,773	75,712,088	10,315	27	0.85889914	656.198944	0.16713372	127.690164	0.93335605	713.084022
546	13	19,273,334	19,275,613	2,279	9	0.8595958	656.731193	0.23565993	180.044184	0.61133468	467.059693
97	2	114,646,550	114,812,772	166,222	53	0.85979088	656.880233	0.69404769	530.252433	0.11667275	89.1379804
260	5	118,388,158	118,390,795	2,637	9	0.86106962	657.857192	0.34206785	261.339836	0.66537715	508.34814
563	13	87,580,492	87,732,309	151,817	19	0.86121606	657.969071	0.2210737	168.90031	0.48110621	367.565143
558	13	70,444,536	70,451,412	6,876	16	0.86136737	658.084669	0.87293402	666.921591	0.49363524	377.137322
104	2	145,449,366	145,461,121	11,755	12	0.86344781	659.674125	0.75137304	574.049002	0.71460823	545.96069
338	7	35,461,546	35,461,901	355	5	0.86407065	660.149979	0.39640246	302.851479	0.47443737	362.470153
331	7	12,671,417	12,671,825	408	6	0.86415322	660.213058	0.93319208	712.958747	0.46528479	355.477583
234	5	57,802,748	57,881,343	78,595	10	0.86611065	661.708536	0.76430232	583.92697	0.19151281	146.315785
353	7	83,036,560	83,045,516	8,956	6	0.86733204	662.641681	0.88304168	674.643845	0.16653238	127.230736
522	12	114,835,711	114,963,919	128,208	50	0.86776862	662.975223	0.26108192	199.466587	0.57799118	441.585262
483	11	116,602,360	116,630,414	28,054	33	0.8678047	663.002789	0.31469219	240.424837	0.52851813	403.787848
442	10	72,164,250	72,231,618	67,368	11	0.87032083	664.925118	0.33651598	257.098211	0.68782661	525.499529
700	17	52,525,043	52,562,891	37,848	12	0.87188096	666.117053	0.94206897	719.740694	0.65949148	503.851488
430	10	21,769,739	22,093,887	324,148	86	0.87200182	666.209391	0.76203015	582.191031	0.03723893	28.450542
586	14	34,491,963	34,505,348	13,385	5	0.87586161	669.158273	0.52678664	402.46499	0.16982314	129.744876
63	2	24,535,423	24,654,597	119,174	107	0.87998951	672.311986	0.91339261	697.831952	0.3548235	271.085152

RegNo	Chr	Start	End	Size	No. probes in CNV	time immobile		immobility frequency		immobility latency	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
754	19	44,133,553	44,133,654	101	3	0.8812825	673.299832	0.41747871	318.953733	0.78606881	600.556568
537	13	13,804,037	13,805,108	1,071	5	0.88211317	673.934458	0.48995681	374.327006	0.56917149	434.84702
253	5	105,034,912	105,359,320	324,408	61	0.88379007	675.21561	0.08883082	67.8667459	0.83197747	635.630786
448	10	109,341,525	109,363,075	21,550	12	0.88387944	675.283895	0.19127782	146.136257	0.84241069	643.60177
573	13	111,250,585	111,303,484	52,899	9	0.88474008	675.941422	0.75873255	579.671669	0.25374942	193.864557
238	5	61,916,323	61,982,272	65,949	12	0.89103091	680.747612	0.4545997	347.314169	0.94182333	719.55302
487	12	15,689,452	15,691,335	1,883	4	0.89142335	681.047437	0.46159283	352.656923	0.12787254	97.6946204
490	12	29,152,942	29,155,139	2,197	3	0.89214016	681.595083	0.06717151	51.3190367	0.77384168	591.215041
371	7	115,400,336	115,401,546	1,210	6	0.89362896	682.732526	0.3021571	230.848025	0.24133182	184.377507
653	15	66,051,348	66,054,407	3,059	8	0.89457592	683.456003	0.09948497	76.006516	0.42325382	323.365921
576	13	115,684,513	115,685,411	898	2	0.89522724	683.953614	0.78906923	602.848888	0.38638984	295.201841
521	12	112,776,324	112,778,081	1,757	12	0.89561198	684.247554	0.08027216	61.3279298	0.04003181	30.5843055
551	13	26,062,769	26,097,780	35,011	6	0.89658681	684.992325	0.84692862	647.053467	0.27845456	212.739283
730	18	74,314,441	74,314,504	63	3	0.89771527	685.854467	0.71805	548.590198	0.51116098	390.526988
287	6	75,304,536	75,338,698	34,162	33	0.89821198	686.233954	0.54910264	419.514418	0.82542436	630.624208
732	18	74,750,012	74,750,945	933	4	0.89873595	686.634264	0.21961305	167.78437	0.85480118	653.068101
59	2	15,367,870	15,368,633	763	3	0.90002357	687.618004	0.96805995	739.5978	0.3375965	257.923723
664	16	45,375,511	45,390,941	15,430	5	0.90077366	688.191073	0.80287665	613.397758	0.07816711	59.7196732
132	3	46,180,539	46,182,502	1,963	3	0.90129821	688.59183	0.71120178	543.358162	0.6130403	468.362789
364	7	111,485,184	111,501,846	16,662	20	0.9032616	690.091866	0.66276197	506.350144	0.98233123	750.501056
750	19	34,662,998	34,681,285	18,287	11	0.90390885	690.586362	0.44420192	339.370269	0.5851665	447.067208
478	11	73,503,033	73,598,632	95,599	21	0.90670973	692.726232	0.25077423	191.59151	0.6529988	498.891084
489	12	28,320,295	28,349,039	28,744	15	0.91007284	695.295647	0.28504085	217.77121	0.02272182	17.3594739
727	18	71,609,676	71,611,282	1,606	4	0.9102817	695.455218	0.14430278	110.24732	0.86108105	657.865922
590	14	36,600,804	36,600,995	191	3	0.91065564	695.740912	0.61252568	467.969616	0.85334931	651.958876
488	12	18,193,095	18,552,020	358,925	63	0.91117137	696.134927	0.84899562	648.63265	0.73888874	564.510994
672	17	4,743,771	4,743,805	34	2	0.91225924	696.966061	0.95645321	730.730249	0.73239521	559.549939
685	17	34,521,273	34,521,839	566	4	0.91579291	699.665782	0.50810214	388.190034	0.09025743	68.956676
625	14	122,006,064	122,006,350	286	6	0.92169184	704.172564	0.7646172	584.167541	0.33630703	256.938573
258	5	114,023,755	114,025,841	2,086	5	0.92264535	704.901044	0.73039818	558.024211	0.8083962	617.614695
454	10	126,764,978	126,765,568	590	9	0.92286901	705.071925	0.73945616	564.944504	0.97882661	747.823529
156	3	102,697,496	102,739,985	42,489	54	0.92464707	706.430358	0.73433528	561.032156	0.15120329	115.519315
446	10	103,379,190	103,397,024	17,834	12	0.92729297	708.45183	0.48108999	367.552753	0.48990095	374.284328
626	15	18,654,064	18,701,020	46,956	15	0.92794755	708.951925	0.96531098	737.497591	0.5064897	386.958131
543	13	17,390,746	17,391,604	858	3	0.9279502	708.953953	0.40496253	309.391372	0.823911	629.468
390	8	52,224,120	52,273,067	48,947	10	0.92934903	710.022659	0.58113482	443.986999	0.87252608	666.609921
683	17	33,066,096	33,073,239	7,143	22	0.93102618	711.304002	0.92002659	702.900315	0.08883205	67.8676891
615	14	91,461,859	91,492,733	30,874	4	0.9313956	711.586241	0.46031282	351.678994	0.55108091	421.025813
628	15	19,835,128	19,869,085	33,957	5	0.93154628	711.701356	0.50257061	383.963947	0.57020183	435.634197
225	5	37,404,544	37,441,150	36,606	12	0.93313925	712.91839	0.47327621	361.583022	0.99193755	757.840287
180	4	8,414,927	8,415,380	453	3	0.93517507	714.473751	0.19673699	150.307058	0.44660525	341.20641
548	13	23,653,701	23,668,319	14,618	21	0.93685417	715.756589	0.95062969	726.281084	0.12430337	94.9677727
549	13	25,099,130	25,099,212	82	3	0.93858752	717.080865	0.9225113	704.798632	0.63083349	481.95679
444	10	87,785,880	87,786,384	504	4	0.93941787	717.71525	0.57870927	442.133879	0.465557	355.685548
392	8	52,870,886	52,923,754	52,868	16	0.94087641	718.82958	0.95394323	728.812625	0.33108908	252.952058
143	3	77,322,331	77,371,012	48,681	13	0.94202052	719.703681	0.46799847	357.550827	0.31348262	239.500724
580	14	9,476,924	9,491,919	14,995	7	0.94223744	719.869403	0.7869696	601.244773	0.48842864	373.159478
226	5	52,175,933	52,192,752	16,819	9	0.9425733	720.125998	0.2103996	160.745292	0.12953617	98.9656322
453	10	126,303,572	126,304,575	1,003	4	0.94270096	720.223534	0.31555945	241.087421	0.42614937	325.578116
713	17	88,952,743	88,963,711	10,968	20	0.94343016	720.780642	0.67921083	518.917075	0.78663398	600.988364
117	2	162,539,702	162,582,200	42,498	13	0.94529018	722.201696	0.27960255	213.61635	0.32334478	247.035413
365	7	111,647,983	111,683,670	35,687	15	0.94572701	722.535438	0.77363822	591.0596	0.68422461	522.747605
556	13	67,635,961	67,639,652	3,691	5	0.94642134	723.065905	0.36710092	280.4651	0.69535102	531.248179
128	3	24,116,353	24,157,241	40,888	9	0.94695169	723.471091	0.10698515	81.736654	0.36708996	280.456727
554	13	52,271,399	52,275,352	3,953	6	0.95007513	725.857398	0.38178689	291.685183	0.62512829	477.598015
386	8	29,493,904	29,531,641	37,737	6	0.95062331	726.276206	0.70453863	538.267517	0.91860764	701.816236
68	2	55,558,622	55,579,024	20,402	6	0.95366417	728.599425	0.56083699	428.479463	0.93980369	718.010021
145	3	77,660,467	77,714,260	53,793	12	0.95414881	728.969694	0.60174901	459.736244	0.14464336	110.50753
650	15	59,688,211	59,688,516	305	3	0.95449164	729.231612	0.45732044	349.392819	0.57327099	437.979036
25	1	124,786,026	124,822,324	36,298	17	0.95600019	730.384146	0.2285629	174.622053	0.4761015	363.741544
24	1	118,847,466	118,897,095	49,629	12	0.95628592	730.602444	0.68476306	523.158979	0.49470114	377.951669
58	2	14,998,525	15,246,657	248,132	47	0.95852796	732.31536	0.68019865	519.671771	0.4607508	352.013612
689	17	36,151,872	36,151,991	119	3	0.96364938	736.228129	0.41116155	314.127426	0.48904094	373.62728
237	5	59,737,484	59,830,718	93,234	21	0.96389853	736.418476	0.47054806	359.498714	0.48308428	369.07639
387	8	30,463,842	30,483,664	19,822	4	0.96398303	736.483033	0.88844802	678.774287	0.78712781	601.365646
443	10	73,046,724	73,090,099	43,375	9	0.96408778	736.563067	0.36098717	275.794196	0.48277162	368.837521
701	17	53,145,663	53,184,954	39,291	15	0.96424943	736.686562	0.46400292	354.49823	0.84977002	649.224292

RegNo	Chr	Start	End	Size	No. probes in CNV	time immobile		immobility frequency		immobility latency	
						nominal p-value	p-value corrected	nominal p-value	p-value corrected	nominal p-value	p-value corrected
403	8	98,500,773	98,502,741	1,968	6	0.96438685	736.791553	0.77498463	592.088255	0.34265577	261.789011
204	4	144,334,174	144,334,795	621	4	0.96448524	736.866726	0.21695567	165.754134	0.92325792	705.369048
163	3	116,043,731	116,044,155	424	2	0.96449253	736.872289	0.59106973	451.577274	0.41420239	316.450624
733	18	75,257,879	75,261,870	3,991	6	0.96703837	738.817311	0.2508433	191.644278	0.49675429	379.520276
227	5	54,011,829	54,052,518	40,689	9	0.96731737	739.030469	0.86030638	657.274072	0.30438661	232.551374
384	8	28,608,199	28,691,596	83,397	34	0.96784191	739.431217	0.59670737	455.884432	0.62442436	477.060213
494	12	38,175,763	38,194,460	18,697	6	0.96788284	739.46249	0.58955442	450.419577	0.86473254	660.65566
21	1	111,646,054	111,711,660	65,606	7	0.96857452	739.990932	0.6391903	488.341387	0.30395992	232.225382
164	3	116,517,329	116,519,296	1,967	8	0.97500488	744.903729	0.51996391	397.252431	0.69685106	532.394207
604	14	73,243,966	73,249,111	5,145	6	0.97542181	745.222266	0.36211868	276.658669	0.41678406	318.423023
404	8	99,022,008	99,032,230	10,222	9	0.97561266	745.368072	0.7232969	552.598835	0.15113608	115.467962
674	17	7,098,601	7,157,189	58,588	18	0.98026567	748.922972	0.89578012	684.37601	0.16252184	124.166685
167	3	122,728,997	122,729,137	140	3	0.98149054	749.858774	0.43668517	333.627468	0.54165389	413.823568
358	7	110,073,824	110,096,332	22,508	20	0.98202365	750.266071	0.81704037	624.218846	0.91150641	696.390898
218	5	7,989,617	8,014,367	24,750	6	0.98248735	750.620333	0.82910489	633.436137	0.5632788	430.345004
257	5	112,964,873	112,965,257	384	3	0.98283999	750.889752	0.9323645	712.326481	0.37644476	287.603795
579	14	3,200,632	7,671,143	4,470,511	61	0.98336095	751.287765	0.88389572	675.296329	0.69110788	528.006418
420	9	113,721,718	113,722,368	650	6	0.98525764	752.736838	0.12734952	97.2950314	0.54689144	417.825058
256	5	109,297,277	109,405,615	108,338	12	0.98597483	753.284772	0.92429776	706.163487	0.44112173	337.017001
471	11	48,851,297	48,886,868	35,571	11	0.98650944	753.693211	0.1090064	83.2808925	0.40955819	312.902454
157	3	103,421,855	103,422,775	920	8	0.99031848	756.603318	0.8657569	661.438269	0.29002352	221.577971
198	4	108,610,948	108,611,085	137	3	0.99032029	756.604704	0.84886884	648.535797	0.98183797	750.124209
755	19	44,222,802	44,223,055	253	4	0.99097445	757.104478	0.49524484	378.367055	0.74754894	571.127387
629	15	20,002,200	20,069,823	67,623	20	0.99113219	757.224993	0.83702579	639.487701	0.9182207	701.520613
422	9	114,814,094	114,815,852	1,758	8	0.99268319	758.409956	0.75671987	578.133982	0.72881856	556.817377
690	17	36,167,127	36,248,347	81,220	71	0.9980925	762.54267	0.8202038	626.635706	0.87269104	666.735953
327	7	6,274,816	6,275,328	512	4	0.99938113	763.527187	0.68124697	520.472684	0.84718679	647.250706