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**Supplemental Table 1: Association between genotype at *CLDN14* SNPs (n=482) and calcium excretion in 24-hour urine in 393 hypertensive patients.**

SNPs starting with "21:" are not yet codified within international database. P value for genotype-phenotype association was estimated with linear regression.

CHR	SNP	BP	N	BETA	SE	R2	T	P
21	rs219780	37833307	393	-0.6156	0.2974	0.01206	-2.07	0.03921
21	rs219779	37833751	393	-0.7047	0.2484	0.02242	-2.837	0.004819
21	rs117560775	37833931	393	-0.8173	0.6948	0.003927	-1.176	0.2403
21	rs113831133	37833983	393	-0.8002	0.5528	0.005936	-1.448	0.1486
21	rs128494	37834258	393	-0.3425	0.273	0.004464	-1.254	0.2105
21	rs219778	37834641	393	-0.7324	0.2502	0.02383	-2.927	0.003646
21	rs219777	37834721	393	-0.6894	0.2772	0.01731	-2.487	0.01336
21	rs78250838	37834775	393	-0.797	0.4634	0.008359	-1.72	0.08629
21	rs219776	37834835	393	-0.7324	0.2502	0.02383	-2.927	0.003646
21	rs2835363	37834914	393	-0.7324	0.2502	0.02383	-2.927	0.003646
21	rs219775	37834944	393	-0.7324	0.2502	0.02383	-2.927	0.003646
21	rs219774	37835043	393	-0.6894	0.2772	0.01731	-2.487	0.01336
21	rs144044511	37835111	393	-0.8173	0.6948	0.003927	-1.176	0.2403
21	rs60419768	37835164	393	1.537	0.8729	0.008756	1.761	0.07914
21	rs141254132	37835173	393	-0.6447	0.6777	0.002571	-0.9512	0.3421
21	21:37835184	37835184	393	-0.7111	0.2271	0.02718	-3.131	0.001885
21	21:37835238	37835238	393	-0.733	0.2674	0.02096	-2.741	0.00643
21	21:37835239	37835239	393	-0.7202	0.2505	0.02301	-2.876	0.00428
21	21:37835240	37835240	393	-1.508	0.6575	0.01477	-2.294	0.02237
21	rs219773	37835333	393	-0.7389	0.2501	0.02427	-2.955	0.003339
21	rs219772	37835347	393	-0.7389	0.2501	0.02427	-2.955	0.003339
21	rs116699215	37835445	393	-0.7027	0.5923	0.003994	-1.186	0.2363
21	rs219771	37835501	393	-0.7389	0.2501	0.02427	-2.955	0.003339
21	rs219770	37835648	393	-0.7389	0.2501	0.02427	-2.955	0.003339
21	rs219769	37835675	393	-0.7389	0.2501	0.02427	-2.955	0.003339
21	rs219768	37835764	393	-0.7389	0.2501	0.02427	-2.955	0.003339
21	rs12626330	37835982	393	-0.7055	0.2225	0.02784	-3.17	0.001657
21	rs219767	37836378	393	-0.6978	0.2772	0.01774	-2.518	0.01226
21	rs219766	37836477	393	-0.4397	0.2681	0.007603	-1.64	0.1019
21	rs219765	37836711	393	-0.142	0.3433	0.0004869	-0.4135	0.6795
21	rs7277076	37836973	393	-0.7184	0.2275	0.02761	-3.157	0.001731
21	rs76739387	37837101	393	2.097	1.023	0.01183	2.05	0.0411
21	rs78262992	37837435	393	2.097	1.023	0.01183	2.05	0.0411
21	rs219764	37837930	393	-0.7897	0.259	0.02581	-3.049	0.002468
21	rs2835364	37838111	393	-1.124	0.3979	0.02222	-2.824	0.005007
21	rs219763	37838421	393	-0.777	0.2481	0.02717	-3.131	0.001887
21	rs219762	37839135	393	-0.4293	0.2919	0.006123	-1.471	0.1423
21	rs219761	37839410	393	0.11	0.2977	0.0003888	0.3695	0.712
21	rs146029576	37839640	393	-0.8173	0.6948	0.003927	-1.176	0.2403
21	rs148622363	37839800	393	-0.8173	0.6948	0.003927	-1.176	0.2403
21	rs219760	37839815	393	-0.5247	0.2754	0.01024	-1.905	0.05755
21	rs219759	37839829	393	0.06617	0.3413	0.0001071	0.1939	0.8464
21	rs219758	37840173	393	-0.8442	0.2454	0.0326	-3.439	0.0006535
21	rs73902529	37840548	393	-0.5263	0.6329	0.001966	-0.8315	0.4062
21	rs60482546	37840789	393	2.246	0.8732	0.0185	2.572	0.01052
21	21:37840919	37840919	393	-0.7718	0.2445	0.02761	-3.157	0.001734
21	21:37841064	37841064	393	-0.712	0.2484	0.02286	-2.866	0.00441
21	rs149147533	37841202	393	-0.6339	0.6953	0.002362	-0.9117	0.3626
21	rs178150	37841356	393	-0.6436	0.243	0.01959	-2.648	0.008452
21	rs117392071	37841508	393	-0.6339	0.6953	0.002362	-0.9117	0.3626
21	21:37841612	37841612	393	-0.8576	0.2471	0.03317	-3.47	0.000585
21	rs56183874	37841692	393	-1.124	0.3979	0.02222	-2.824	0.005007
21	rs219757	37842040	393	-0.6555	0.25	0.01921	-2.622	0.009121
21	rs74276156	37842165	393	2.246	0.8732	0.0185	2.572	0.01052
21	rs219756	37842468	393	-0.6436	0.243	0.01959	-2.648	0.008452
21	rs74276157	37842613	393	2.246	0.8732	0.0185	2.572	0.01052
21	rs78832953	37843432	393	2.246	0.8732	0.0185	2.572	0.01052
21	21:37843519	37843519	393	-0.6436	0.243	0.01959	-2.648	0.008452
21	rs117651866	37843781	393	1.249	0.7819	0.007215	1.597	0.1111
21	rs2850102	37843955	393	0.1647	0.3501	0.00063	0.4704	0.6384
21	21:37844143	37844143	393	0.219	0.3128	0.001395	0.7003	0.4842
21	rs74883685	37844525	393	-0.6339	0.6953	0.002362	-0.9117	0.3626

21	rs79008732	37844618	393	2.097	1.023	0.01183	2.05	0.0411
21	rs77147525	37844722	393	2.097	1.023	0.01183	2.05	0.0411
21	rs219755	37847170	393	-0.9731	0.2529	0.04048	-3.848	0.0001414
21	rs219754	37847341	393	-0.6285	0.2418	0.01888	-2.599	0.009749
21	rs219753	37847375	393	-0.6416	0.2419	0.01965	-2.652	0.008357
21	rs219752	37847489	393	-0.4611	0.2269	0.01163	-2.032	0.04288
21	rs219751	37847649	393	-0.5372	0.2315	0.01511	-2.321	0.02088
21	rs2850108	37848101	393	-0.03413	0.2905	3.931e-05	-0.1175	0.9066
21	rs170183	37848334	393	-0.4783	0.2192	0.01338	-2.182	0.02978
21	rs79514755	37848381	393	2.097	1.023	0.01183	2.05	0.0411
21	rs219749	37848438	393	-0.4607	0.2329	0.01102	-1.978	0.04876
21	rs219748	37848479	393	-0.4607	0.2329	0.01102	-1.978	0.04876
21	rs2845764	37848811	393	-0.2053	0.3029	0.001307	-0.6779	0.4983
21	rs141279841	37849078	393	0.95	0.8116	0.003888	1.171	0.2426
21	rs2249115	37849239	393	-0.1144	0.3291	0.0003442	-0.3476	0.7283
21	rs2850110	37849501	393	-0.1144	0.3291	0.0003442	-0.3476	0.7283
21	rs55828480	37849517	393	0.338	0.5489	0.001079	0.6159	0.5384
21	rs143450623	37849566	393	1.249	0.7819	0.007215	1.597	0.1111
21	rs55801805	37849618	393	0.09498	0.5302	9.143e-05	0.1791	0.8579
21	rs56260012	37849628	393	0.286	0.5409	0.0007962	0.5288	0.5972
21	rs73902533	37849769	393	0.2289	0.549	0.000495	0.4169	0.677
21	rs219747	37849885	393	-0.4805	0.2328	0.01199	-2.064	0.03978
21	rs219746	37850027	393	-0.4805	0.2328	0.01199	-2.064	0.03978
21	rs219745	37850143	393	-0.4805	0.2328	0.01199	-2.064	0.03978
21	rs219744	37850270	393	-0.4805	0.2328	0.01199	-2.064	0.03978
21	rs73902534	37850328	393	0.2289	0.549	0.000495	0.4169	0.677
21	rs2249234	37850468	393	-0.5781	0.2398	0.01629	-2.411	0.01642
21	rs219743	37851095	393	-0.5559	0.2399	0.01507	-2.318	0.02105
21	rs188733	37851975	393	-0.5559	0.2399	0.01507	-2.318	0.02105
21	rs219742	37852001	393	-0.5559	0.2399	0.01507	-2.318	0.02105
21	rs75853875	37852444	393	2.097	1.023	0.01183	2.05	0.0411
21	rs75639826	37853020	393	-0.6835	0.5532	0.00433	-1.236	0.2175
21	rs219741	37853036	393	-0.5559	0.2399	0.01507	-2.318	0.02105
21	rs2845765	37853079	393	-0.5559	0.2399	0.01507	-2.318	0.02105
21	rs219740	37853162	393	-0.5559	0.2399	0.01507	-2.318	0.02105
21	rs55723668	37853630	393	0.2808	0.5575	0.0007224	0.5037	0.6148
21	rs17283840	37853771	393	0.2808	0.5575	0.0007224	0.5037	0.6148
21	rs2850111	37853812	393	-0.5559	0.2399	0.01507	-2.318	0.02105
21	rs2845766	37853912	393	-0.1144	0.3291	0.0003442	-0.3476	0.7283
21	rs56083599	37854171	393	-1.079	0.4936	0.01344	-2.187	0.0294
21	rs117271359	37854286	393	-0.4429	0.9713	0.0005921	-0.456	0.6487
21	rs2845768	37854364	393	-0.6613	0.2424	0.02077	-2.728	0.006684
21	rs2850112	37854507	393	-0.6613	0.2424	0.02077	-2.728	0.006684
21	rs2633324	37854906	393	-0.6613	0.2424	0.02077	-2.728	0.006684
21	rs78405027	37855170	393	0.09498	0.5302	9.143e-05	0.1791	0.8579
21	rs73902536	37855332	393	0.2808	0.5575	0.0007224	0.5037	0.6148
21	rs77868469	37855575	393	0.2808	0.5575	0.0007224	0.5037	0.6148
21	21:37855588	37855588	393	-0.1446	0.3216	0.0005754	-0.4495	0.6533
21	rs9636632	37855760	393	-0.5808	0.2157	0.02024	-2.693	0.007427
21	rs13051241	37855854	393	-0.5649	0.2158	0.01915	-2.618	0.009241
21	rs73902538	37855873	393	0.2808	0.5575	0.0007224	0.5037	0.6148
21	rs13051987	37855974	393	-0.5434	0.2171	0.01754	-2.504	0.01275
21	rs35734452	37856001	393	-0.5434	0.2171	0.01754	-2.504	0.01275
21	rs59125211	37856180	393	-1.032	0.4098	0.01775	-2.518	0.01223
21	rs141426588	37856288	393	2.168	1.291	0.007971	1.679	0.09396
21	rs75921250	37856514	393	-0.07386	0.4337	8.261e-05	-0.1703	0.8649
21	rs219739	37856536	393	-0.6613	0.2424	0.02077	-2.728	0.006684
21	rs219738	37856682	393	-0.6613	0.2424	0.02077	-2.728	0.006684
21	rs76269285	37856773	393	0.09498	0.5302	9.143e-05	0.1791	0.8579
21	rs76121568	37856776	393	2.097	1.023	0.01183	2.05	0.0411
21	rs2633334	37856881	393	-0.09845	0.285	0.0003398	-0.3454	0.73
21	rs2845769	37856952	393	-0.09845	0.285	0.0003398	-0.3454	0.73
21	rs115462541	37857046	393	0.09498	0.5302	9.143e-05	0.1791	0.8579
21	rs141184876	37857253	393	0.2808	0.5575	0.0007224	0.5037	0.6148
21	21:37857842	37857842	393	-0.07472	0.3785	0.0001111	-0.1974	0.8436
21	rs170182	37858023	393	-0.1446	0.3216	0.0005754	-0.4495	0.6533
21	rs7277324	37858267	393	-0.639	0.2425	0.01939	-2.635	0.008792
21	rs138952890	37858280	393	0.09498	0.5302	9.143e-05	0.1791	0.8579
21	rs114872540	37858540	393	0.09498	0.5302	9.143e-05	0.1791	0.8579
21	rs73204269	37858922	393	-0.2681	0.2981	0.002299	-0.8994	0.3691
21	rs8132946	37858951	393	-0.5504	0.4283	0.004682	-1.285	0.1996

21	rs60605101	37858957	393	-0.4804	0.4848	0.002789	-0.9909	0.3224
21	rs145081590	37859042	393	1.249	0.7819	0.007215	1.597	0.1111
21	rs73204270	37859210	393	-0.5477	0.3422	0.007246	-1.601	0.1104
21	rs150494374	37859449	393	-0.8607	0.544	0.007081	-1.582	0.1145
21	21:37859666	37859666	393	-0.2536	0.2452	0.003039	-1.034	0.3017
21	rs74933634	37859875	393	-0.4099	0.3778	0.003343	-1.085	0.2787
21	rs59059205	37860623	393	-0.1456	0.5633	0.0001904	-0.2585	0.7961
21	rs59285877	37860782	393	-0.1456	0.5633	0.0001904	-0.2585	0.7961
21	rs219736	37860785	393	-0.1668	0.256	0.001209	-0.6518	0.515
21	rs141726850	37860857	393	-0.4372	0.312	0.005562	-1.401	0.162
21	rs59724458	37860863	393	-0.1456	0.5633	0.0001904	-0.2585	0.7961
21	rs117857503	37860931	393	0.3703	0.6202	0.001015	0.5971	0.5508
21	rs35599107	37861015	393	-0.1764	0.5228	0.0003243	-0.3375	0.736
21	rs35857368	37861074	393	-0.1456	0.5633	0.0001904	-0.2585	0.7961
21	rs219735	37861287	393	-0.5085	0.2303	0.01369	-2.208	0.02792
21	rs219734	37861488	393	-0.2154	0.243	0.002232	-0.8861	0.3762
21	21:37861491	37861491	393	0.1334	0.4653	0.000234	0.2866	0.7746
21	rs219733	37861849	393	-0.1378	0.4222	0.0003034	-0.3264	0.7443
21	rs55666618	37861869	393	-0.0767	0.4653	7.742e-05	-0.1648	0.8692
21	rs7279128	37861890	393	-0.2863	0.3324	0.002108	-0.8612	0.3897
21	rs13047783	37862565	393	-0.1456	0.5633	0.0001904	-0.2585	0.7961
21	rs78013211	37863002	393	0.3703	0.6202	0.001015	0.5971	0.5508
21	rs219732	37864147	393	-0.4219	0.2178	0.01058	-1.937	0.05349
21	rs184320	37864471	393	-0.4174	0.2594	0.007324	-1.609	0.1085
21	rs7277448	37864870	393	-0.27	0.3253	0.001959	-0.83	0.4071
21	rs2835365	37865339	393	-0.5212	0.2199	0.01576	-2.371	0.0183
21	rs35030913	37865447	393	-0.1133	0.5229	0.0001337	-0.2167	0.8286
21	rs2850113	37865623	393	-0.351	0.2777	0.004532	-1.264	0.207
21	rs2776289	37865920	393	-0.3262	0.2765	0.003949	-1.18	0.2389
21	rs2850114	37866090	393	-0.2287	0.265	0.002118	-0.8631	0.3886
21	rs2850115	37866210	393	-0.4317	0.4601	0.002502	-0.9382	0.3488
21	rs9982279	37866276	393	-0.3389	0.2428	0.005519	-1.396	0.1637
21	rs2776290	37866324	393	-0.4317	0.4601	0.002502	-0.9382	0.3488
21	rs2071049	37866480	393	-0.3467	0.243	0.005769	-1.427	0.1544
21	rs2071050	37866528	393	-0.3262	0.2765	0.003949	-1.18	0.2389
21	rs2071051	37867187	393	-0.3637	0.5026	0.00149	-0.7236	0.4698
21	rs9974115	37867322	393	-0.3474	0.2737	0.00457	-1.269	0.2051
21	rs2071052	37867353	393	-0.3669	0.2452	0.00634	-1.496	0.1354
21	rs58865958	37868124	393	-0.09537	0.381	0.0001785	-0.2503	0.8025
21	rs117024128	37868393	393	0.5649	0.6328	0.002266	0.8928	0.3726
21	rs2409819	37868619	393	-0.2853	0.2677	0.003227	-1.066	0.2872
21	rs58192378	37868817	393	-0.3652	0.3446	0.003189	-1.06	0.29
21	21:37869713	37869713	393	-0.3279	0.2678	0.004253	-1.224	0.2216
21	rs743424	37871619	393	-1.202	0.6159	0.01074	-1.952	0.05169
21	rs730265	37871886	393	0.08338	0.2846	0.0002445	0.293	0.7697
21	rs743425	37872004	393	0.1868	0.2683	0.001378	0.696	0.4869
21	rs2000544	37872116	393	0.2142	0.2396	0.002273	0.8942	0.3718
21	rs2000545	37872178	393	0.1787	0.2594	0.001351	0.689	0.4913
21	rs8129010	37872240	393	0.4075	0.3775	0.003309	1.079	0.2811
21	rs7276934	37872250	393	0.2806	0.2728	0.003004	1.028	0.3045
21	rs28491626	37872288	393	0.1923	0.2885	0.001265	0.6667	0.5054
21	21:37872317	37872317	393	0.2194	0.2329	0.002522	0.942	0.3468
21	rs2000546	37872447	393	0.1109	0.231	0.000656	0.48	0.6315
21	rs9984472	37872509	393	0.2847	0.2564	0.003499	1.11	0.2677
21	rs76415705	37872723	393	0.9421	0.5166	0.009385	1.824	0.06907
21	rs75266315	37872730	393	-1.286	0.6928	0.009716	-1.856	0.06433
21	rs11700868	37873237	393	-0.04984	0.3192	6.944e-05	-0.1561	0.876
21	rs6517354	37874417	393	0.2468	0.3784	0.00121	0.6522	0.5147
21	rs9680300	37874491	393	-1.229	0.6754	0.009342	-1.819	0.06972
21	rs9979731	37874585	393	0.2468	0.3784	0.00121	0.6522	0.5147
21	rs41513750	37874975	393	-1.229	0.6754	0.009342	-1.819	0.06972
21	rs2226830	37875622	393	-0.2449	0.3207	0.001659	-0.7636	0.4456
21	rs2409820	37875664	393	0.2318	0.4082	0.0009178	0.5678	0.5705
21	rs7278261	37875771	393	0.2468	0.3784	0.00121	0.6522	0.5147
21	rs7279532	37875863	393	0.2468	0.3784	0.00121	0.6522	0.5147
21	rs4816538	37877621	393	0.07149	0.3875	9.695e-05	0.1845	0.8537
21	rs116083368	37877638	393	-1.286	0.6928	0.009716	-1.856	0.06433
21	rs8127112	37878709	393	0.136	0.3642	0.0003973	0.3735	0.709
21	rs8127879	37878750	393	0.09116	0.39	0.0001557	0.2338	0.8153
21	rs7275699	37878843	393	-0.2701	0.9229	0.0002439	-0.2926	0.77
21	rs9305585	37879118	393	0.1858	0.3762	0.0006945	0.4939	0.6217

21	rs34494383	37879783	393	-1.198	1.294	0.002436	-0.9257	0.3552
21	21:37880346	37880346	393	-1.09	0.5941	0.009501	-1.835	0.06737
21	rs7281847	37880347	393	-1.09	0.5941	0.009501	-1.835	0.06737
21	rs7281449	37880348	393	-1.09	0.5941	0.009501	-1.835	0.06737
21	rs915750	37881540	393	-0.2139	0.3217	0.001258	-0.6648	0.5066
21	rs2298451	37881829	393	0.09116	0.39	0.0001557	0.2338	0.8153
21	rs16994180	37882329	393	-1.09	0.5941	0.009501	-1.835	0.06737
21	rs2835366	37883155	393	-0.2701	0.9229	0.0002439	-0.2926	0.77
21	rs2835367	37883374	393	-0.2139	0.3217	0.001258	-0.6648	0.5066
21	rs2012586	37883667	393	0.1858	0.3762	0.0006945	0.4939	0.6217
21	rs16994201	37883886	393	-1.09	0.5941	0.009501	-1.835	0.06737
21	rs2835368	37884537	393	-0.2139	0.3217	0.001258	-0.6648	0.5066
21	rs9975228	37885236	393	0.1813	0.2624	0.001358	0.691	0.49
21	rs2835369	37885287	393	0.09116	0.39	0.0001557	0.2338	0.8153
21	rs2835370	37885625	393	0.1858	0.3762	0.0006945	0.4939	0.6217
21	rs2835371	37885789	393	0.1816	0.3741	0.0006705	0.4853	0.6278
21	rs57468042	37886169	393	-1.071	0.5835	0.009507	-1.836	0.06728
21	21:37886171	37886171	393	-1.071	0.5835	0.009507	-1.836	0.06728
21	rs4817803	37886172	393	-0.1976	0.3308	0.001016	-0.5974	0.5506
21	rs61456276	37886225	393	-1.09	0.5941	0.009501	-1.835	0.06737
21	rs4817804	37886292	393	0.1858	0.3762	0.0006945	0.4939	0.6217
21	rs4817805	37886355	393	-0.1927	0.332	0.0009592	-0.5805	0.5619
21	rs11088351	37886417	393	-0.1927	0.332	0.0009592	-0.5805	0.5619
21	rs73392037	37886484	393	-1.09	0.5941	0.009501	-1.835	0.06737
21	rs2835372	37886773	393	-0.2701	0.9229	0.0002439	-0.2926	0.77
21	rs2835373	37886803	393	-0.2855	0.3329	0.002091	-0.8576	0.3917
21	21:37886960	37886960	393	-0.2701	0.9229	0.0002439	-0.2926	0.77
21	rs9981161	37886989	393	0.06995	0.3784	9.732e-05	0.1848	0.8535
21	rs73392039	37887100	393	-1.09	0.5941	0.009501	-1.835	0.06737
21	rs73392042	37887199	393	-1.09	0.5941	0.009501	-1.835	0.06737
21	rs2835374	37887215	393	0.06995	0.3784	9.732e-05	0.1848	0.8535
21	rs9982353	37887476	393	0.06995	0.3784	9.732e-05	0.1848	0.8535
21	rs2187301	37887612	393	0.06995	0.3784	9.732e-05	0.1848	0.8535
21	rs112427436	37887732	393	-1.09	0.5941	0.009501	-1.835	0.06737
21	21:37888083	37888083	393	-0.3166	0.3317	0.002589	-0.9546	0.3404
21	21:37888088	37888088	393	-0.3669	0.3304	0.0035	-1.11	0.2676
21	rs112864362	37888089	393	0.0878	0.2941	0.000254	0.2986	0.7654
21	rs13052197	37888177	393	-0.3506	0.3148	0.003521	-1.114	0.2662
21	rs111644847	37888338	393	-1.09	0.5941	0.009501	-1.835	0.06737
21	rs9974188	37888400	393	-0.2855	0.3329	0.002091	-0.8576	0.3917
21	rs9305586	37889283	393	0.06995	0.3784	9.732e-05	0.1848	0.8535
21	rs9305587	37889390	393	0.04545	0.3624	4.481e-05	0.1254	0.9003
21	rs2835375	37889654	393	0.06995	0.3784	9.732e-05	0.1848	0.8535
21	rs2835376	37889701	393	-0.2855	0.3329	0.002091	-0.8576	0.3917
21	rs2835377	37889819	393	0.06995	0.3784	9.732e-05	0.1848	0.8535
21	rs4375954	37890164	393	-1.09	0.5941	0.009501	-1.835	0.06737
21	rs1124801	37890280	393	-0.2855	0.3329	0.002091	-0.8576	0.3917
21	rs78432157	37890407	393	-0.2701	0.9229	0.0002439	-0.2926	0.77
21	rs11701001	37890621	393	-0.301	0.3224	0.002476	-0.9334	0.3513
21	rs5027467	37890653	393	-0.02065	0.3951	7.783e-06	-0.05227	0.9583
21	rs73902562	37891455	393	-0.2701	0.9229	0.0002439	-0.2926	0.77
21	rs8130049	37891861	393	-0.2111	0.319	0.001246	-0.6618	0.5085
21	rs146408942	37891866	393	-0.6977	0.5565	0.004459	-1.254	0.2107
21	rs2835378	37892186	393	-0.6977	0.5565	0.004459	-1.254	0.2107
21	21:37892482	37892482	393	-0.2111	0.319	0.001246	-0.6618	0.5085
21	rs2835379	37893365	393	-0.02065	0.3951	7.783e-06	-0.05227	0.9583
21	rs2835380	37894089	393	-0.2863	0.4159	0.001348	-0.6883	0.4917
21	rs9978278	37894721	393	0.2856	0.2876	0.002803	0.9933	0.3212
21	rs9978301	37894792	393	0.2856	0.2876	0.002803	0.9933	0.3212
21	rs2070518	37894805	393	0.2044	0.3897	0.0007829	0.5244	0.6003
21	rs4816539	37895398	393	0.2044	0.3897	0.0007829	0.5244	0.6003
21	rs6517359	37895670	393	0.2044	0.3897	0.0007829	0.5244	0.6003
21	rs7281531	37895810	393	0.2044	0.3897	0.0007829	0.5244	0.6003
21	rs9680377	37895855	393	-0.8655	0.5648	0.006646	-1.532	0.1263
21	rs2187302	37895925	393	-0.05553	0.2855	0.0001078	-0.1945	0.8459
21	rs7282508	37895937	393	0.2044	0.3897	0.0007829	0.5244	0.6003
21	rs2187303	37895981	393	-0.05553	0.2855	0.0001078	-0.1945	0.8459
21	21:37896089	37896089	393	-0.08586	0.2723	0.0002832	-0.3153	0.7527
21	rs55758523	37896103	393	0.01889	0.2576	1.532e-05	0.07334	0.9416
21	rs142588470	37896107	393	-0.1244	0.3121	0.0004525	-0.3986	0.6904
21	rs12627295	37896459	393	-0.8655	0.5648	0.006646	-1.532	0.1263

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21	rs11088353	37896560	393	0.04603	0.3763	4.263e-05	0.1223	0.9027
21	rs11088354	37896674	393	0.04603	0.3763	4.263e-05	0.1223	0.9027
21	rs2187304	37896871	393	0.03352	0.2194	6.651e-05	0.1528	0.8787
21	rs9976609	37897709	393	-0.02027	0.3004	1.298e-05	-0.06749	0.9462
21	rs7510508	37897743	393	-0.02027	0.3004	1.298e-05	-0.06749	0.9462
21	rs11088355	37897932	393	0.04359	0.2636	7.792e-05	0.1654	0.8687
21	rs2835381	37898114	393	0.02954	0.2343	4.529e-05	0.1261	0.8997
21	rs7283212	37898162	393	0.02954	0.2343	4.529e-05	0.1261	0.8997
21	rs2000547	37898358	393	-0.04281	0.3742	3.727e-05	-0.1144	0.909
21	rs17814164	37899058	393	-0.0004601	0.2659	8.528e-09	-0.00173	0.9986
21	rs16997926	37899076	393	-0.01896	0.4607	4.826e-06	-0.04116	0.9672
21	rs7279600	37899588	393	0.02954	0.2343	4.529e-05	0.1261	0.8997
21	rs8134973	37900128	393	0.02954	0.2343	4.529e-05	0.1261	0.8997
21	rs2835382	37900377	393	0.01119	0.2194	7.412e-06	0.05101	0.9593
21	rs8127992	37900418	393	0.02954	0.2343	4.529e-05	0.1261	0.8997
21	rs55758428	37900970	393	0.01119	0.2194	7.412e-06	0.05101	0.9593
21	rs9980855	37900971	393	0.01119	0.2194	7.412e-06	0.05101	0.9593
21	rs9981041	37901131	393	0.01119	0.2194	7.412e-06	0.05101	0.9593
21	rs9981423	37901584	393	-0.0004601	0.2659	8.528e-09	-0.00173	0.9986
21	rs77602547	37902198	393	-0.9105	0.9704	0.002502	-0.9383	0.3487
21	rs2835383	37902319	393	0.01119	0.2194	7.412e-06	0.05101	0.9593
21	rs73206251	37902397	393	0.5486	0.4991	0.003431	1.099	0.2724
21	rs2835385	37902464	393	0.02954	0.2343	4.529e-05	0.1261	0.8997
21	21:37903588	37903588	393	-0.01896	0.4607	4.826e-06	-0.04116	0.9672
21	rs73374416	37903677	393	0.1134	0.4563	0.000176	0.2485	0.8039
21	rs112204241	37903756	393	0.1134	0.4563	0.000176	0.2485	0.8039
21	rs8128229	37903808	393	-0.001049	0.2385	5.516e-08	-0.0044	0.9965
21	rs2835386	37904094	393	0.02954	0.2343	4.529e-05	0.1261	0.8997
21	rs2835387	37904192	393	0.02954	0.2343	4.529e-05	0.1261	0.8997
21	rs1892908	37904732	393	-0.05169	0.2232	0.0001527	-0.2315	0.817
21	rs8134335	37904950	393	-0.01896	0.4607	4.826e-06	-0.04116	0.9672
21	rs743426	37905459	393	0.02954	0.2343	4.529e-05	0.1261	0.8997
21	rs13046506	37906238	393	0.01119	0.2194	7.412e-06	0.05101	0.9593
21	rs914148	37907311	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	21:37907716	37907716	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs6517361	37908410	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs1892909	37908788	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	21:37908877	37908877	393	-0.01896	0.4607	4.826e-06	-0.04116	0.9672
21	rs9653721	37909342	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs75460038	37909662	393	-0.01896	0.4607	4.826e-06	-0.04116	0.9672
21	rs11702057	37909704	393	0.05691	0.2637	0.0001327	0.2158	0.8292
21	rs4817806	37909837	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	21:37909953	37909953	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs4817807	37910136	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs9305590	37910446	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs9305591	37910600	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs9305592	37910625	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs9305593	37910660	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs77818738	37910661	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs11702700	37910671	393	-0.01896	0.4607	4.826e-06	-0.04116	0.9672
21	rs9305594	37910772	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs9305595	37910869	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	21:37910921	37910921	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	21:37910928	37910928	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	21:37911057	37911057	393	0.02881	0.237	4.209e-05	0.1216	0.9033
21	rs79807929	37911264	393	-0.01896	0.4607	4.826e-06	-0.04116	0.9672
21	rs4817808	37911661	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	21:37911688	37911688	393	-0.2251	0.4749	0.0006398	-0.474	0.6358
21	rs12626551	37912042	393	0.05691	0.2637	0.0001327	0.2158	0.8292
21	rs13049189	37912192	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs11909578	37912551	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs13049736	37912557	393	0.02033	0.2191	2.453e-05	0.09278	0.9261
21	rs2835389	37913465	393	0.006283	0.2198	2.329e-06	0.02859	0.9772
21	rs2015187	37914484	393	0.01126	0.2205	7.431e-06	0.05107	0.9593
21	rs928839	37914925	393	-0.04922	0.4169	3.97e-05	-0.1181	0.9061
21	21:37916041	37916041	393	0.03215	0.3011	3.249e-05	0.1068	0.915
21	rs80029376	37916288	393	-0.3099	0.4997	0.001095	-0.6203	0.5355
21	rs2835390	37916734	393	0.02915	0.2192	5.039e-05	0.133	0.8943
21	rs13047871	37916867	393	0.03707	0.2186	8.191e-05	0.1696	0.8654
21	rs73380007	37918035	393	0.06022	0.4293	5.605e-05	0.1403	0.8885
21	rs448332	37919151	393	-0.01971	0.3876	7.368e-06	-0.05086	0.9595

21	rs448687	37919562	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs62230972	37919610	393	-0.001862	0.3004	1.094e-07	-0.006196	0.9951
21	rs450932	37919767	393	0.002071	0.2202	2.522e-07	0.009409	0.9925
21	rs441734	37919964	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs367166	37920377	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs398591	37920769	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs439888	37920907	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs377483	37920943	393	0.002071	0.2202	2.522e-07	0.009409	0.9925
21	rs377777	37921028	393	0.002071	0.2202	2.522e-07	0.009409	0.9925
21	rs399711	37921138	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs400019	37921256	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs400267	37921319	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs453539	37921417	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs400544	37921420	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs443968	37921508	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs2845781	37921576	393	0.5299	0.5755	0.002409	0.9207	0.3578
21	rs449547	37921971	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs111425381	37922258	393	-0.2278	0.5059	0.0005773	-0.4503	0.6528
21	rs447759	37922363	393	0.05522	0.301	9.586e-05	0.1834	0.8546
21	rs390432	37922517	393	0.05522	0.301	9.586e-05	0.1834	0.8546
21	rs97959	37922599	393	0.05522	0.301	9.586e-05	0.1834	0.8546
21	rs9983786	37922707	393	-0.001862	0.3004	1.094e-07	-0.006196	0.9951
21	rs452072	37922829	393	0.08934	0.3051	0.0002443	0.2929	0.7698
21	rs452081	37922870	393	0.05522	0.301	9.586e-05	0.1834	0.8546
21	rs452128	37922878	393	0.009134	0.2997	2.646e-06	0.03048	0.9757
21	rs416875	37922883	393	0.05522	0.301	9.586e-05	0.1834	0.8546
21	rs78059543	37922912	393	-0.2278	0.5059	0.0005773	-0.4503	0.6528
21	rs364916	37923058	393	0.05522	0.301	9.586e-05	0.1834	0.8546
21	rs417191	37923068	393	0.05522	0.301	9.586e-05	0.1834	0.8546
21	rs8126947	37923114	393	0.08449	0.4328	0.0001086	0.1952	0.8453
21	rs73380031	37923201	393	0.08449	0.4328	0.0001086	0.1952	0.8453
21	rs364698	37923244	393	0.02014	0.2971	1.309e-05	0.06777	0.946
21	rs364846	37923259	393	0.02014	0.2971	1.309e-05	0.06777	0.946
21	rs365416	37923441	393	0.02014	0.2971	1.309e-05	0.06777	0.946
21	rs366381	37923469	393	0.02014	0.2971	1.309e-05	0.06777	0.946
21	rs375662	37923963	393	0.02014	0.2971	1.309e-05	0.06777	0.946
21	rs375572	37923990	393	0.02014	0.2971	1.309e-05	0.06777	0.946
21	rs376218	37924160	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs12626381	37924177	393	-0.2278	0.5059	0.0005773	-0.4503	0.6528
21	rs376590	37924298	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	21:37924982	37924982	393	-0.03066	0.3038	2.901e-05	-0.1009	0.9197
21	21:37925036	37925036	393	-0.1053	0.3282	0.0002929	-0.3207	0.7486
21	rs417173	37925099	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs387842	37925246	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs35210386	37925277	393	-0.001862	0.3004	1.094e-07	-0.006196	0.9951
21	rs448014	37925373	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs377160	37925402	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs377527	37925504	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs377574	37925556	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs440551	37925714	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs397691	37926032	393	-0.08252	0.3038	0.0002101	-0.2716	0.7861
21	rs451163	37926378	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs451243	37926495	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs425864	37926618	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs9984382	37926653	393	0.03215	0.3011	3.249e-05	0.1068	0.915
21	rs399522	37926679	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs9984547	37926740	393	0.03215	0.3011	3.249e-05	0.1068	0.915
21	rs448482	37927051	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs397990	37927157	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs397996	37927168	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs448659	37927226	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs448849	37927426	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs438706	37927798	393	-0.008516	0.2338	3.779e-06	-0.03642	0.971
21	rs415848	37927972	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs407095	37928065	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs416108	37928071	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs451370	37928088	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs447184	37928162	393	-0.4257	0.2784	0.00662	-1.529	0.1271
21	rs451614	37928354	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs79257755	37928416	393	-0.005218	0.4636	3.609e-07	-0.01126	0.991
21	rs424282	37929312	393	0.02408	0.39	1.086e-05	0.06173	0.9508

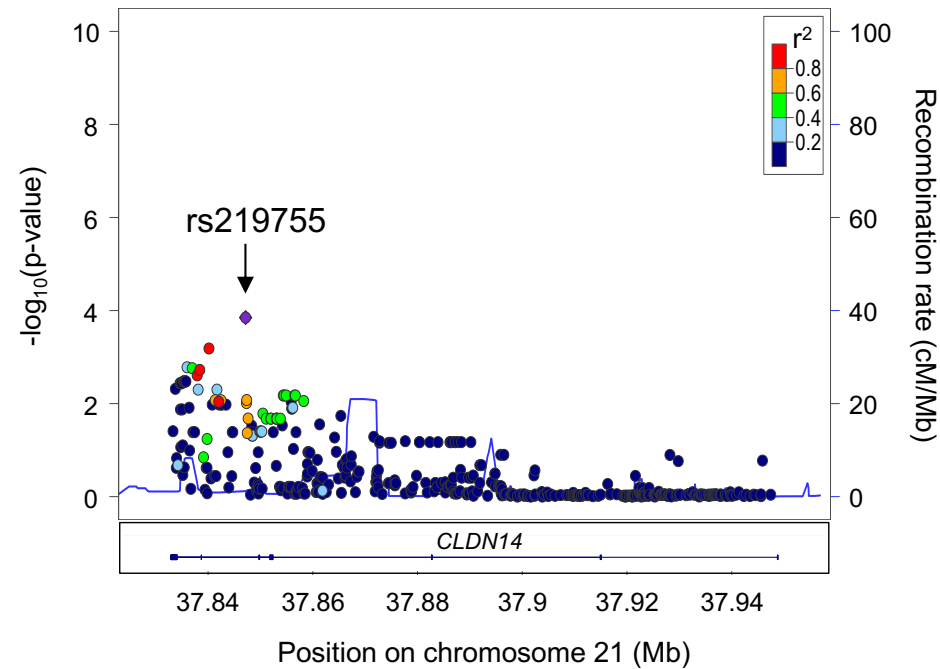
Supplemental material is neither peer-reviewed nor thoroughly edited by CJASN. The authors alone are responsible for the accuracy and presentation of the material.

21	rs447296	37929554	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	21:37929608	37929608	393	0.07204	0.3975	9.359e-05	0.1813	0.8563
21	rs73206272	37929753	393	0.6263	0.458	0.0053	1.368	0.1723
21	rs449940	37929999	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs374314	37930129	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	21:37930791	37930791	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	21:37930793	37930793	393	-0.02876	0.2941	2.725e-05	-0.09779	0.9222
21	rs430747	37931266	393	-0.02029	0.2335	2.15e-05	-0.08688	0.9308
21	rs365887	37931734	393	-0.04736	0.3046	6.888e-05	-0.1555	0.8765
21	rs376519	37931985	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs8127982	37932496	393	-0.1134	0.4563	0.0001758	-0.2484	0.8039
21	rs379699	37932871	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs405582	37932994	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	21:37933118	37933118	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs442022	37933178	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs413852	37933623	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs79308542	37933766	393	-0.005218	0.4636	3.609e-07	-0.01126	0.991
21	rs414911	37934064	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs371189	37934086	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs415100	37934106	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs415124	37934131	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs372213	37934352	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs450183	37934701	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs382620	37935093	393	-0.01897	0.2188	2.142e-05	-0.0867	0.931
21	rs409231	37935548	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs9984896	37935669	393	0.01266	0.3023	4.994e-06	0.04187	0.9666
21	rs371945	37935837	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs404515	37936188	393	0.0428	0.3951	3.344e-05	0.1083	0.9138
21	rs394087	37936213	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs394110	37936245	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs373349	37936444	393	-0.02029	0.2335	2.15e-05	-0.08688	0.9308
21	rs382635	37936605	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs405901	37936638	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs395383	37936655	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs383609	37936906	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs428948	37936909	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs382937	37936946	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs452107	37936959	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs429326	37937123	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs385073	37937328	393	-0.02029	0.2335	2.15e-05	-0.08688	0.9308
21	rs452583	37937697	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs394211	37937845	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs9981101	37937856	393	0.01266	0.3023	4.994e-06	0.04187	0.9666
21	rs394565	37937966	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs377239	37938729	393	-0.02029	0.2335	2.15e-05	-0.08688	0.9308
21	rs377284	37938758	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs28374138	37939059	393	0.01266	0.3023	4.994e-06	0.04187	0.9666
21	rs11700928	37939696	393	-0.1134	0.4563	0.0001758	-0.2484	0.8039
21	rs445103	37939775	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs412775	37939801	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	21:37940140	37940140	393	0.53	0.4459	0.004009	1.189	0.2354
21	rs413616	37940153	393	0.02408	0.39	1.086e-05	0.06173	0.9508
21	rs420925	37940863	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs7279272	37941317	393	-0.1134	0.4563	0.0001758	-0.2484	0.8039
21	rs9305596	37942276	393	0.01266	0.3023	4.994e-06	0.04187	0.9666
21	rs393851	37942749	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	21:37942914	37942914	393	-0.04106	0.2181	0.000101	-0.1883	0.8508
21	rs9975456	37943452	393	0.01266	0.3023	4.994e-06	0.04187	0.9666
21	rs419941	37944184	393	-0.036	0.3053	3.961e-05	-0.1179	0.9062
21	rs420885	37944545	393	0.01998	0.2183	2.386e-05	0.09151	0.9271
21	21:37944692	37944692	393	0.01998	0.2183	2.386e-05	0.09151	0.9271
21	rs9981948	37945560	393	-0.007443	0.2338	2.887e-06	-0.03184	0.9746
21	rs9982036	37945565	393	0.0394	0.3044	4.774e-05	0.1294	0.8971
21	rs73206282	37945869	393	0.6387	0.4624	0.005406	1.381	0.1681
21	rs405828	37947445	393	0.02475	0.2174	3.693e-05	0.1139	0.9094

**Supplemental Figure 1. Association between all 482 SNPs in *CLND14* gene and 24-hour calcium excretion.**

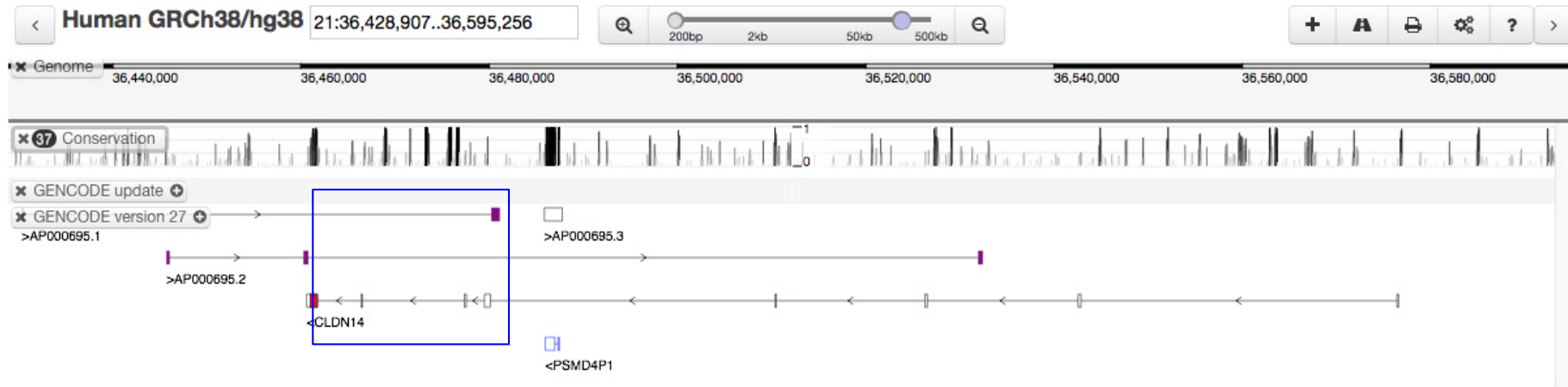
All associated SNPs were located into 3' region of this gene. The most significant result was for rs219755 ( $p < 0.001$ ).

Regional plot was obtained by LocusZoom web application.





**Supplemental Figure 2. CLDN14 genomic region by GENCODE 27.** Two antisense transcripts, non-protein coding genes are partially overlapped with associated tag SNPs region at CLDN14 (blue box).



**Supplemental Figure 3. ESEfinder results at CLDN14 rs219780 site.** ESEfinder analysis showed the gain of new consensus motifs of both SRSF1 (IgM-BRCA1), SRSF2, SRSF5 binding sites (A) and of a branch site in the mutant rs219780 A context (B). Gain of new motifs are denoted by a white asterisk.

