

481 **SUPPLEMENTARY FIGURE LEGENDS**

482 **Figure 1. Boxplot (median and IQR) of cumulative dose of prednisolone predicting**  
483 **the final BMD Z-score in the CAMP population**

484 *P* values were obtained from regression analysis adjusted by age, sex, height, BMD Z-  
485 score, height, Tanner stage, and vitamin D level measured at baseline. Data represent  
486 median (IQR).

487

488 **Figure 2. Regional association plot for the rs6461639 locus**

489 **Table 1. The top 100-ranked SNPs identified in the primary GWAS in CAMP**

Rank	SNP	Chromosome	Base position	Beta	P value
1	rs6996193	8	13294470	-0.0008058	8.46E-08
2	rs7143860	14	81740149	-0.0009202	1.36E-07
3	rs1952760	14	81736655	-0.0009203	1.40E-07
4	rs4770248	13	21692240	-0.0003255	3.25E-07
5	rs11875246	18	65640955	-0.0004315	3.46E-07
6	rs1430580	4	141790122	-0.0003415	6.90E-07
7	rs12374178	3	54290074	-0.0005128	8.03E-07
8	rs7632782	3	143795088	-0.000595	1.38E-06
9	rs11090468	22	25759111	-0.0004822	2.18E-06
10	rs209510	6	53309994	0.0002849	2.27E-06
11	rs9899990	17	9062304	-0.0004945	2.48E-06
12	rs10926189	1	233827440	-0.0002967	4.39E-06
13	rs1368284	5	146608620	-0.0003785	5.10E-06
14	rs12896581	14	44179903	-0.0007434	5.20E-06
15	rs1127792	5	15707479	-0.0004273	5.39E-06
16	rs7793087	7	47468816	0.0002716	5.49E-06
17	rs715627	22	26514328	-0.0005784	5.64E-06
18	rs1407515	6	168869448	-0.0004138	6.49E-06
19	rs10135954	14	81772833	-0.0004357	6.50E-06
20	rs1958905	14	39986993	-0.0003482	7.21E-06
21	rs11845822	14	39988607	-0.0003482	7.21E-06
22	rs7427716	3	54314616	-0.0005132	7.93E-06
23	rs10166049	2	53624174	-0.0006192	8.63E-06
24	rs1429146	6	53238244	0.000269	8.82E-06
25	rs11122574	1	228904431	-0.0006874	8.88E-06
26	rs9346911	6	162677104	-0.0003461	9.22E-06
27	rs17648647	16	77669698	-0.0002908	9.59E-06
28	rs6138201	20	24022349	0.000276	9.84E-06
29	rs7732739	5	71445139	0.0003219	1.08E-05
30	rs16909393	11	11279642	-0.0003679	1.10E-05
31	rs12341040	9	81180133	-0.0006467	1.17E-05
32	rs1318703	16	7093693	0.0002982	1.20E-05
33	rs4718560	7	66516217	-0.0005157	1.26E-05
34	rs12480224	20	24058966	0.0002743	1.27E-05
35	rs2977187	8	1667184	-0.0004688	1.28E-05

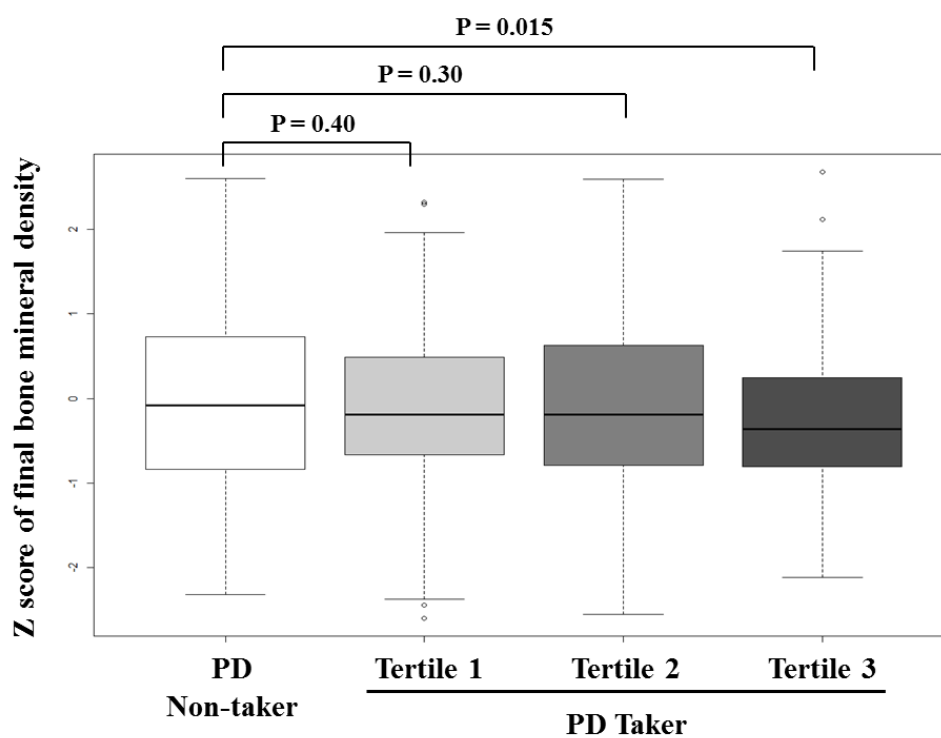
Genetic risk factor for the decreased BMD in children after steroid treatments

36	rs11134987	5	175985548	-0.0006355	1.31E-05
37	rs6034167	20	15307027	-0.0006878	1.39E-05
38	rs9937643	16	84658374	-0.0002729	1.40E-05
39	rs3751877	16	15062399	-0.0003614	1.41E-05
40	rs4964020	12	26903270	-0.0002779	1.50E-05
41	rs10520823	5	15819072	-0.0006243	1.50E-05
42	rs1219765	1	108343432	-0.0003743	1.57E-05
43	rs848124	14	36317423	-0.0002854	1.61E-05
44	rs9395855	6	53284724	0.0002597	1.61E-05
45	rs970427	18	17997524	-0.0005776	1.61E-05
46	rs10097139	8	82498840	0.0002761	1.65E-05
47	rs560304	2	230530540	-0.0002784	1.71E-05
48	rs7627293	3	188116469	-0.0007275	1.75E-05
49	rs6444444	3	191828925	-0.000349	1.76E-05
50	rs2885373	3	191829162	-0.000349	1.76E-05
51	rs6966154	7	14184198	-0.0003163	1.80E-05
52	rs1464099	3	122807333	-0.0004186	1.84E-05
53	rs6915111	6	153318781	-0.0004255	1.85E-05
54	rs13408761	2	60426486	-0.0004313	1.88E-05
<b>55</b>	<b>rs6461639</b>	<b>7</b>	<b>22153480</b>	<b>-0.0002397</b>	<b>1.88E-05</b>
56	rs13253300	8	13571063	-0.0003936	1.91E-05
57	rs4740564	9	14250684	-0.0005768	1.91E-05
58	rs2764962	14	36297971	-0.000284	1.93E-05
59	rs813379	7	90619923	-0.0005231	2.01E-05
60	rs726046	21	39634237	-0.0006162	2.10E-05
61	rs12444777	16	50980343	-0.0004755	2.14E-05
62	rs6716729	2	60437022	-0.0004359	2.14E-05
63	rs2152492	14	52612077	-0.0003206	2.22E-05
64	rs11698401	20	24112937	0.0002961	2.24E-05
65	rs12563016	1	108339925	-0.0003809	2.26E-05
66	rs2094910	14	39971173	-0.0003035	2.29E-05
67	rs10843350	12	29277213	-0.0004221	2.30E-05
68	rs9321367	6	133126052	-0.0004555	2.31E-05
69	rs12926028	16	77669335	-0.0002682	2.42E-05
70	rs283438	5	153853753	-0.0003299	2.48E-05
71	rs10485420	6	11943418	-0.0005629	2.56E-05
72	rs1433212	4	124972424	-0.0003518	2.57E-05
73	rs12508568	4	63300781	-0.0003193	2.58E-05

Genetic risk factor for the decreased BMD in children after steroid treatments

74	rs11641385	16	50962583	-0.000423	2.67E-05
75	rs11982022	7	66525876	-0.000487	2.69E-05
76	rs7129269	11	99209253	-0.0005272	2.69E-05
77	rs1722373	2	5464449	-0.0004046	2.71E-05
78	rs694927	6	44686302	-0.0002716	2.72E-05
79	rs6068509	20	51376306	-0.0002975	2.72E-05
80	rs5762864	22	27583364	-0.0002939	2.73E-05
81	rs4774684	15	52212698	-0.0002902	2.75E-05
82	rs12591326	15	52222160	-0.0002902	2.75E-05
83	rs12902669	15	52210604	-0.0002897	2.77E-05
84	rs9506807	13	21693864	0.0002801	2.78E-05
85	rs8075056	17	9740165	-0.0003918	2.94E-05
86	rs2505515	10	42925592	-0.0002885	2.94E-05
87	rs17705966	2	187873411	-0.0002869	2.95E-05
88	rs10812520	9	27037246	-0.0003143	3.08E-05
89	rs5765728	22	43301072	-0.0005366	3.10E-05
90	rs17654049	8	31197809	-0.0003114	3.16E-05
91	rs16992439	19	4510474	-0.0004127	3.16E-05
92	rs2341459	2	44621706	-0.0003303	3.17E-05
93	rs10863378	1	216385998	-0.0002348	3.19E-05
94	rs13383631	2	68401664	-0.0005426	3.20E-05
95	rs11167966	5	146609927	-0.0002996	3.24E-05
96	rs4705140	5	146610284	-0.0002996	3.24E-05
97	rs2053034	5	146612216	-0.0002996	3.24E-05
98	rs3770132	2	182041206	-0.0003425	3.27E-05
99	rs10484177	14	43966684	-0.000283	3.29E-05
100	rs685441	17	72286420	-0.0003686	3.29E-05

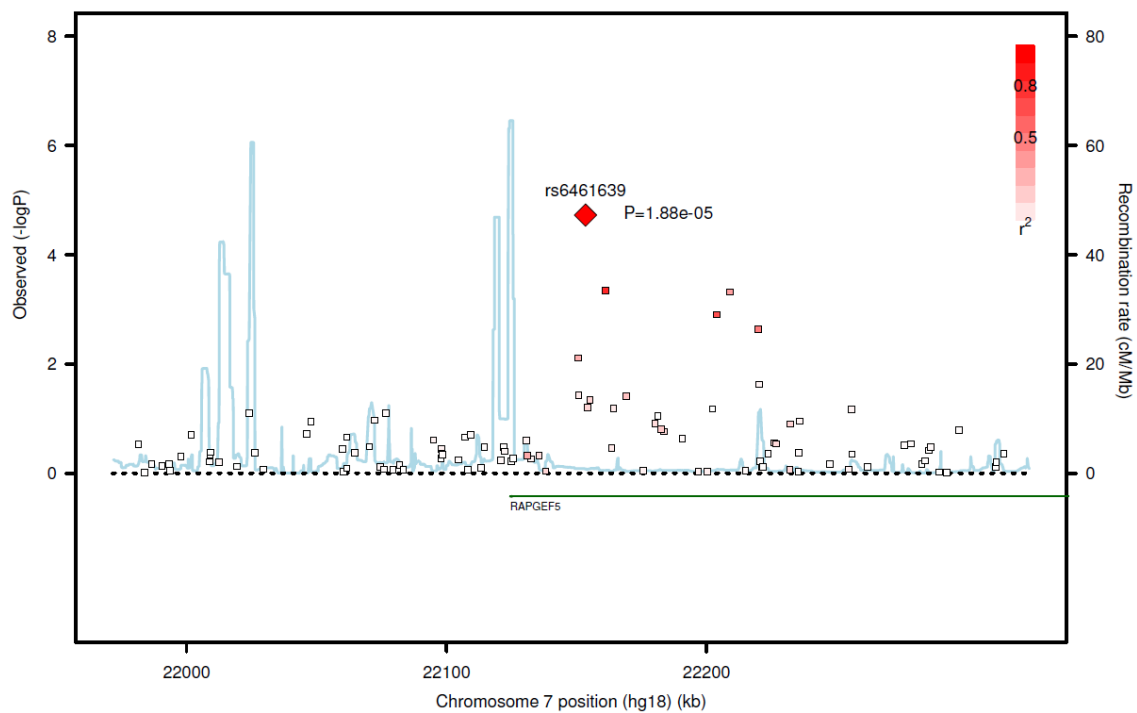
491 **Figure 1**



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494 **Figure 2.**



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