

Supplementary Table 1. 439 SNPs related to 11 sleep-related characteristics used in this study.

SNP	pos.exposure	effect_allele. exposure	other_allele. exposure	eaf. exposure	beta. exposure	se. exposure	pval. exposure	exposure	samplesize. exposure	R2	F
rs2660302	98520219	T	A	0.18862	-0.0415	0.00605	8.5E-12	Accelerometer-based sleep duration	84810	0.00055	46.8868
rs113851554	66750564	G	T	0.94336	0.1103	0.01058	2.3E-25	Accelerometer-based sleep duration	84810	0.00128	108.617
rs62158170	114082175	A	G	0.78341	-0.0542	0.00574	3.3E-21	Accelerometer-based sleep duration	84810	0.00105	89.0494
rs17400325	178565913	T	C	0.95792	0.06592	0.01174	0.000000015	Accelerometer-based sleep duration	84810	0.00037	31.5296
rs72828540	19102286	T	C	0.75174	0.0408	0.00547	9.6E-14	Accelerometer-based sleep duration	84810	0.00065	55.5802
rs9369062	38437303	A	C	0.70781	-0.0329	0.0052	1.9E-10	Accelerometer-based sleep duration	84810	0.00047	39.9481
rs2975734	10090097	C	G	0.56134	0.02705	0.00479	0.000000013	Accelerometer-based sleep duration	84810	0.00038	31.8793
rs13282541	41723550	C	T	0.73865	0.03158	0.00538	4.4E-09	Accelerometer-based sleep duration	84810	0.00041	34.4456
rs2880370	105987057	A	T	0.67019	0.02841	0.00506	0.000000022	Accelerometer-based sleep duration	84810	0.00037	31.5102
rs800165	67645219	C	T	0.34255	0.02774	0.005	0.000000025	Accelerometer-based sleep duration	84810	0.00036	30.741
rs10138240	63353479	G	C	0.51406	0.02902	0.00474	7.2E-10	Accelerometer-based sleep duration	84810	0.00044	37.419
rs17374439	7888438	C	T	0.80351	-0.0555	0.00566	1.2E-22	Chronotype	403195	0.00024	96.2667
rs3767240	21163921	T	C	0.6179	-0.0313	0.00463	7.3E-12	Chronotype	403195	0.00011	45.6201
rs12140153	62579891	G	T	0.90497	0.04849	0.00788	4.8E-10	Chronotype	403195	9.4E-05	37.8957
rs7547493	77775233	A	G	0.82194	-0.0583	0.00588	2.5E-23	Chronotype	403195	0.00024	98.4012
rs11588913	79963816	G	A	0.60149	0.02524	0.00459	0.000000025	Chronotype	403195	7.5E-05	30.2099
rs72720396	91191582	A	G	0.76947	-0.0431	0.00534	5.3E-16	Chronotype	403195	0.00016	65.1413
rs6656331	96971019	C	T	0.47592	0.02712	0.00451	1.5E-09	Chronotype	403195	9E-05	36.1404
rs17575798	110086451	G	A	0.80689	0.03924	0.00569	7.8E-12	Chronotype	403195	0.00012	47.5663
rs6537834	115108870	T	C	0.38528	-0.0252	0.00462	0.000000035	Chronotype	403195	7.4E-05	29.7372
rs11587758	150327106	G	A	0.60425	-0.0346	0.00459	3.8E-14	Chronotype	403195	0.00014	56.8172
rs75650221	174421994	C	T	0.96167	-0.0647	0.01174	0.000000033	Chronotype	403195	7.5E-05	30.3495

rs11580135	179417780	T	C	0.3171	-0.0276	0.00483	0.000000013	Chronotype	403195	8.1E-05	32.576
rs1144566	182569626	T	C	0.0302	0.17057	0.01314	2.8E-38	Chronotype	403195	0.00042	168.521
rs10196909	4651199	C	A	0.48183	0.03211	0.00451	6.2E-13	Chronotype	403195	0.00013	50.7344
rs75120545	44271496	C	T	0.96982	-0.0975	0.0139	2.9E-12	Chronotype	403195	0.00012	49.1922
rs786406	44735953	A	G	0.29782	-0.0327	0.00492	1E-11	Chronotype	403195	0.00011	44.2097
rs10495976	49750698	A	T	0.6098	-0.0281	0.00464	8E-10	Chronotype	403195	9.1E-05	36.569
rs7602425	50460480	C	T	0.92449	-0.0536	0.00855	3.2E-10	Chronotype	403195	9.8E-05	39.3763
rs778147	61606566	C	A	0.36679	0.02968	0.00467	4.6E-10	Chronotype	403195	0.0001	40.4126
rs6744983	76346385	G	T	0.62256	-0.0253	0.00464	0.000000049	Chronotype	403195	7.4E-05	29.7448
rs10520176	77217310	T	C	0.50184	0.03337	0.00451	2E-13	Chronotype	403195	0.00014	54.7041
rs28380327	144232491	A	T	0.62917	0.02899	0.00466	7.8E-10	Chronotype	403195	9.6E-05	38.7128
rs1947198	149390435	C	T	0.87783	-0.0397	0.00687	3.2E-09	Chronotype	403195	8.3E-05	33.3463
rs11679484	198921604	C	A	0.62607	-0.0298	0.00467	1.6E-10	Chronotype	403195	0.0001	40.8128
rs138964083	206908054	C	T	0.94143	-0.0592	0.0096	0.000000001	Chronotype	403195	9.4E-05	37.9744
rs77008212	239307113	A	G	0.91288	0.08257	0.00799	1.1E-24	Chronotype	403195	0.00027	106.904
rs114870822	239353793	G	A	0.98721	-0.1084	0.02012	0.000000034	Chronotype	403195	7.2E-05	29.0188
rs34581681	2435647	G	A	0.83932	0.03449	0.00618	0.000000042	Chronotype	403195	7.7E-05	31.1405
rs149611468	8817423	T	C	0.98802	0.11994	0.02112	0.000000013	Chronotype	403195	8E-05	32.2629
rs13059636	24935790	A	G	0.52804	-0.0318	0.00453	3.5E-12	Chronotype	403195	0.00012	49.1729
rs115774037	36834668	T	C	0.97387	-0.0788	0.01404	0.000000035	Chronotype	403195	7.8E-05	31.4652
rs11712056	49914397	T	C	0.55647	0.03196	0.00453	3.7E-12	Chronotype	403195	0.00012	49.6993
rs60194061	77301121	G	A	0.73032	-0.0326	0.00511	8.6E-11	Chronotype	403195	0.0001	40.7738
rs957501	85791657	T	A	0.33603	0.02632	0.00477	0.000000003	Chronotype	403195	7.5E-05	30.3808
rs13065394	132971327	G	T	0.71176	0.0298	0.00497	2.2E-09	Chronotype	403195	8.9E-05	35.9454
rs2102506	156342849	G	A	0.3605	0.02933	0.00473	8.3E-10	Chronotype	403195	9.5E-05	38.4854
rs3850174	172364093	T	A	0.74286	0.03185	0.0052	1.4E-09	Chronotype	403195	9.3E-05	37.5668
rs2239626	185998884	T	C	0.69547	-0.0336	0.00491	5E-12	Chronotype	403195	0.00012	46.7989
rs34627176	1006200	G	A	0.78614	-0.0299	0.00551	0.000000036	Chronotype	403195	7.3E-05	29.3795
rs231398	2832189	G	A	0.83786	0.03545	0.00616	5.8E-09	Chronotype	403195	8.2E-05	33.1614
rs12498561	21860763	C	G	0.49532	-0.0247	0.00451	0.000000046	Chronotype	403195	7.4E-05	29.9193
rs28634184	62873419	C	T	0.74942	0.02991	0.00521	0.000000013	Chronotype	403195	8.2E-05	32.9371
rs7691121	83274208	C	G	0.76793	0.03405	0.00533	1E-10	Chronotype	403195	0.0001	40.8207

rs4339281	118315560	A	G	0.87299	0.03941	0.00677	5.3E-09	Chronotype	403195	8.4E-05	33.8539
rs4241964	137053959	T	G	0.52504	-0.0326	0.00453	7.2E-13	Chronotype	403195	0.00013	51.8393
rs10067113	26016363	C	T	0.38053	-0.0281	0.00466	2.5E-09	Chronotype	403195	9E-05	36.3078
rs7701529	63861475	A	T	0.2377	-0.03	0.00532	0.000000017	Chronotype	403195	7.9E-05	31.8026
rs34875688	88182026	T	A	0.76727	0.03203	0.00534	1.1E-09	Chronotype	403195	8.9E-05	35.9673
rs12055234	104037760	G	A	0.67152	-0.0271	0.0048	0.000000015	Chronotype	403195	7.9E-05	31.9783
rs1027742	115904410	A	G	0.73816	0.03069	0.00514	3.6E-09	Chronotype	403195	8.8E-05	35.6525
rs2910032	152540354	C	T	0.48229	-0.0337	0.00451	1.1E-13	Chronotype	403195	0.00014	55.7822
rs7735794	175339984	G	A	0.77591	-0.0314	0.00571	0.000000045	Chronotype	403195	7.5E-05	30.2445
rs9369915	13191447	G	A	0.69429	-0.0372	0.00492	3E-14	Chronotype	403195	0.00014	57.2393
rs2842638	41583576	T	G	0.5767	0.03065	0.00461	1.9E-11	Chronotype	403195	0.00011	44.25
rs2653343	55133326	T	A	0.21472	0.06134	0.00549	5.2E-29	Chronotype	403195	0.00031	124.679
rs60616179	110244765	A	G	0.94506	0.05625	0.00997	9.2E-09	Chronotype	403195	7.9E-05	31.8658
rs520954	153135378	A	G	0.67283	-0.0423	0.0048	1.6E-18	Chronotype	403195	0.00019	77.6143
rs3877930	153574103	A	G	0.98606	-0.1123	0.0192	0.000000003	Chronotype	403195	8.5E-05	34.2018
rs9365769	165186963	A	G	0.43679	0.02628	0.00457	7.3E-09	Chronotype	403195	8.2E-05	33.0178
rs1494185	24087655	G	A	0.72556	0.02878	0.00505	0.000000011	Chronotype	403195	8E-05	32.4465
rs12669911	32262377	A	C	0.38443	-0.0295	0.00466	1.8E-10	Chronotype	403195	9.9E-05	39.9116
rs6967481	50642701	C	T	0.50325	-0.0299	0.00453	1.9E-11	Chronotype	403195	0.00011	43.7201
rs202157	101637753	C	T	0.29887	0.03971	0.00494	1.3E-15	Chronotype	403195	0.00016	64.7138
rs4729854	102383663	T	A	0.51658	0.04431	0.00461	1.9E-21	Chronotype	403195	0.00023	92.3155
rs1524472	115676877	A	G	0.44096	0.0253	0.00453	0.000000021	Chronotype	403195	7.7E-05	31.1144
rs13269289	4843924	G	A	0.67343	-0.0276	0.00485	5.5E-09	Chronotype	403195	8E-05	32.3222
rs11786306	8208759	G	C	0.64607	-0.0292	0.00475	7E-10	Chronotype	403195	9.4E-05	37.8845
rs13255030	31671330	A	G	0.58516	0.02608	0.00458	0.000000015	Chronotype	403195	8E-05	32.4293
rs7001604	33680979	T	C	0.61305	-0.0318	0.00465	7.3E-12	Chronotype	403195	0.00012	46.8437
rs769066	53145698	T	C	0.81623	-0.0329	0.00583	0.000000019	Chronotype	403195	7.9E-05	31.8367
rs4321976	76614958	T	C	0.77875	0.03283	0.00543	8.7E-10	Chronotype	403195	9.1E-05	36.5325
rs1470764	101950038	G	A	0.38717	0.02858	0.00463	5.9E-10	Chronotype	403195	9.4E-05	38.0907
rs12682033	116701130	T	C	0.24029	0.03489	0.00529	6.1E-11	Chronotype	403195	0.00011	43.4433
rs10976942	8310813	C	A	0.91712	-0.0494	0.00817	0.000000001	Chronotype	403195	9.1E-05	36.5003
rs308521	37367094	T	C	0.6029	0.02791	0.00462	1.5E-09	Chronotype	403195	9.1E-05	36.5115

rs62553781	76679777	C	T	0.96507	0.08283	0.0123	3E-11	Chronotype	403195	0.00011	45.3301
rs10123584	115202610	G	A	0.29272	0.02704	0.00496	0.00000004	Chronotype	403195	7.4E-05	29.7516
rs10818834	126317324	T	C	0.73309	0.0323	0.00511	4.2E-10	Chronotype	403195	9.9E-05	39.8878
rs34619169	139327277	G	A	0.6921	-0.0273	0.00489	0.000000015	Chronotype	403195	7.7E-05	31.1704
rs28458909	140257189	C	T	0.87646	0.06765	0.00684	4.7E-23	Chronotype	403195	0.00024	97.8849
rs2893787	60568697	G	A	0.2553	0.02885	0.00517	0.000000035	Chronotype	403195	7.7E-05	31.1887
rs4752593	123536490	G	C	0.37158	0.02657	0.00469	9.8E-09	Chronotype	403195	8E-05	32.1518
rs6599694	125124884	G	T	0.65619	0.02667	0.00477	0.000000021	Chronotype	403195	7.8E-05	31.266
rs72632979	16615883	A	G	0.82867	0.03461	0.006	0.000000004	Chronotype	403195	8.3E-05	33.2967
rs10501087	27670108	T	C	0.79945	-0.0347	0.00562	5.4E-10	Chronotype	403195	9.4E-05	38.0497
rs512647	30445366	G	C	0.55637	-0.0245	0.00454	0.000000042	Chronotype	403195	7.2E-05	29.1121
rs11032362	33759092	G	A	0.90916	-0.0673	0.00784	7.3E-18	Chronotype	403195	0.00018	73.6957
rs11229543	58370698	G	A	0.75994	0.03373	0.00528	1.1E-10	Chronotype	403195	0.0001	40.8768
rs4936291	114009982	A	G	0.6106	-0.0276	0.00475	9.4E-09	Chronotype	403195	8.4E-05	33.8882
rs73606718	122814474	G	A	0.87906	0.04012	0.00691	5.7E-09	Chronotype	403195	8.3E-05	33.6602
rs2467109	23064038	T	A	0.71809	-0.0277	0.00502	0.000000039	Chronotype	403195	7.6E-05	30.4435
rs7302062	24065752	T	C	0.55303	0.03178	0.00453	5.2E-12	Chronotype	403195	0.00012	49.1232
rs7313852	38908389	G	A	0.56464	0.04771	0.00456	3.8E-25	Chronotype	403195	0.00027	109.566
rs11174781	63516126	T	C	0.87763	0.04752	0.00688	3.9E-12	Chronotype	403195	0.00012	47.7754
rs7959983	90452978	T	C	0.59584	-0.0318	0.00458	4.7E-12	Chronotype	403195	0.00012	48.3814
rs7304278	106989915	A	G	0.27496	-0.0328	0.00507	9.6E-11	Chronotype	403195	0.0001	41.8185
rs9597241	56281271	A	C	0.81119	0.03225	0.00579	0.000000027	Chronotype	403195	7.7E-05	30.982
rs9573971	77568732	A	G	0.96615	0.10848	0.01247	4.9E-18	Chronotype	403195	0.00019	75.6364
rs11841335	94105884	G	A	0.74603	0.02838	0.00519	0.00000004	Chronotype	403195	7.4E-05	29.9461
rs10149448	84253271	A	G	0.60366	0.02723	0.00462	5.6E-09	Chronotype	403195	8.6E-05	34.8022
rs12927162	52684916	A	G	0.72165	0.04598	0.00503	2E-20	Chronotype	403195	0.00021	83.5218
rs1421085	53800954	T	C	0.59687	-0.0416	0.0046	1.8E-19	Chronotype	403195	0.0002	82.0598
rs62046253	60644621	C	T	0.65584	-0.03	0.00474	1.4E-10	Chronotype	403195	9.9E-05	39.9909
rs11645898	72229532	T	C	0.8329	0.03567	0.00604	1.8E-09	Chronotype	403195	8.6E-05	34.8496
rs2518022	8057367	T	C	0.08353	0.06267	0.00814	7.6E-15	Chronotype	403195	0.00015	59.2952
rs3760185	17401736	C	T	0.7516	0.03712	0.00528	2.1E-12	Chronotype	403195	0.00012	49.4849
rs72829936	34060115	G	A	0.83605	-0.0352	0.00611	5.5E-09	Chronotype	403195	8.2E-05	33.248

rs35653190	46077967	C	T	0.77178	0.03036	0.00541	0.00000002	Chronotype	403195	7.8E-05	31.5081
rs17682747	61181112	G	A	0.76748	-0.0305	0.00535	8.7E-09	Chronotype	403195	8.1E-05	32.6492
rs2949923	65475228	A	G	0.53866	-0.0266	0.00453	4.2E-09	Chronotype	403195	8.5E-05	34.374
rs62082401	5186019	C	G	0.8094	-0.0434	0.00574	1.2E-14	Chronotype	403195	0.00014	57.0533
rs4239386	31664710	T	A	0.66504	0.03432	0.00479	4.2E-13	Chronotype	403195	0.00013	51.4072
rs12969848	38152835	C	T	0.47029	-0.0362	0.00453	2.6E-15	Chronotype	403195	0.00016	63.8613
rs9962650	53574043	C	G	0.5768	-0.0264	0.00457	5.8E-09	Chronotype	403195	8.3E-05	33.3454
rs9964420	56824041	C	A	0.69568	0.04061	0.00492	2.4E-16	Chronotype	403195	0.00017	68.0602
rs11152350	60240352	A	C	0.47098	-0.028	0.00452	6.4E-10	Chronotype	403195	9.5E-05	38.388
rs9636202	18449238	G	A	0.73393	0.02811	0.00513	0.000000027	Chronotype	403195	7.5E-05	30.083
rs11670534	47003906	C	T	0.8344	0.03287	0.00608	0.000000047	Chronotype	403195	7.2E-05	29.1954
rs78095690	16239683	T	C	0.56425	-0.0276	0.00456	1.1E-09	Chronotype	403195	9.1E-05	36.5963
rs2072727	43538733	T	C	0.4361	0.02784	0.00455	5.6E-10	Chronotype	403195	9.3E-05	37.4177
rs139911	40704052	C	T	0.42411	0.03771	0.00458	2.2E-16	Chronotype	403195	0.00017	67.8253
rs4822107	42704834	G	A	0.49427	-0.0278	0.00454	8.7E-10	Chronotype	403195	9.3E-05	37.683
rs35570980	8560932	G	A	0.43764	-0.0078	0.00124	1.4E-10	daytime napping	452633	8.7E-05	39.5195
rs2786547	33342304	C	T	0.8231	0.01077	0.00159	1E-11	daytime napping	452633	0.0001	45.9883
rs4653052	34992037	C	A	0.34014	-0.007	0.00128	0.000000034	daytime napping	452633	6.7E-05	30.2244
rs12140153	62579891	G	T	0.9046	0.02471	0.00212	2.4E-31	daytime napping	452633	0.0003	136.466
rs1931175	96928273	C	G	0.61617	-0.0078	0.00125	4.6E-10	daytime napping	452633	8.6E-05	38.7224
rs12042846	98667103	T	C	0.82113	-0.009	0.00159	0.000000019	daytime napping	452633	7.1E-05	32.1407
rs6665690	162836235	A	C	0.82996	0.00924	0.00161	0.000000006	daytime napping	452633	7.2E-05	32.7431
rs35039375	171516863	A	G	0.90817	-0.0136	0.00211	8.7E-11	daytime napping	452633	9.2E-05	41.8187
rs200435329	174316633	G	T	0.76208	-0.0099	0.00144	9.9E-12	daytime napping	452633	0.0001	47.0481
rs2250377	201860626	A	G	0.33888	0.01316	0.00128	1.4E-24	daytime napping	452633	0.00023	105.682
rs13033444	23611438	A	G	0.7172	-0.0097	0.00135	3.6E-13	daytime napping	452633	0.00012	52.0586
rs75022160	25311861	C	T	0.86275	0.00988	0.00177	0.000000017	daytime napping	452633	6.9E-05	31.2133
rs9309116	44557919	C	T	0.34717	-0.0074	0.00127	3.9E-09	daytime napping	452633	7.4E-05	33.6132
rs2202323	49408317	G	C	0.36587	0.00759	0.00126	1.2E-09	daytime napping	452633	8E-05	36.3846
rs350785	52934600	T	C	0.11548	0.01265	0.00191	1.5E-11	daytime napping	452633	9.7E-05	43.8613
rs11682175	57987593	T	C	0.52714	-0.007	0.00122	0.000000011	daytime napping	452633	7.2E-05	32.7121
rs7423968	59467016	A	G	0.57117	0.00768	0.00123	4.8E-10	daytime napping	452633	8.6E-05	38.8077

rs9287862	151500518	C	T	0.08677	0.01225	0.00215	0.00000002	daytime napping	452633	7.2E-05	32.4282
rs62189006	162573586	A	G	0.9072	0.01209	0.0021	8.3E-09	daytime napping	452633	7.3E-05	33.2251
rs80163246	164574344	T	C	0.88255	-0.0119	0.00188	1.4E-10	daytime napping	452633	8.8E-05	39.9665
rs12992648	206843819	A	G	0.71707	0.00765	0.00135	0.000000024	daytime napping	452633	7.1E-05	32.3011
rs7422655	208941004	C	T	0.26312	0.00783	0.00138	0.000000011	daytime napping	452633	7.1E-05	32.3027
rs908442	236800163	A	T	0.59135	0.01028	0.00124	1.4E-16	daytime napping	452633	0.00015	69.1962
rs77154532	19377311	A	G	0.64167	0.00769	0.00127	1.4E-09	daytime napping	452633	8.1E-05	36.6663
rs936944	44385814	G	A	0.16218	0.00914	0.00164	0.000000032	daytime napping	452633	6.8E-05	30.887
rs76824303	62459819	A	C	0.90058	0.0118	0.00208	0.000000017	daytime napping	452633	7.1E-05	32.2489
rs4511908	82770852	T	G	0.41909	-0.0073	0.00128	0.000000014	daytime napping	452633	7.1E-05	32.0319
rs1601440	84665393	C	T	0.27862	0.00913	0.00136	1.9E-11	daytime napping	452633	0.0001	45.3159
rs2699869	133032892	A	C	0.45413	0.00678	0.00122	0.000000031	daytime napping	452633	6.8E-05	31.0067
rs253666	138115770	G	A	0.23506	-0.0081	0.00143	0.000000018	daytime napping	452633	7.1E-05	32.259
rs1001817	183995341	C	T	0.50721	0.00775	0.00121	1.7E-10	daytime napping	452633	9E-05	40.7861
rs7697461	79565819	A	T	0.25796	-0.0082	0.0014	0.000000006	daytime napping	452633	7.6E-05	34.4226
rs13150944	85408000	A	G	0.31061	-0.0086	0.00132	6.8E-11	daytime napping	452633	9.4E-05	42.339
rs4692709	170228549	C	T	0.4546	0.00724	0.00123	2.4E-09	daytime napping	452633	7.7E-05	34.9183
rs12657723	62760828	C	T	0.67832	-0.0082	0.0013	2E-10	daytime napping	452633	8.8E-05	39.7161
rs6452787	87712831	A	G	0.53615	0.00773	0.00122	2E-10	daytime napping	452633	8.9E-05	40.3431
rs2943023	89597733	C	T	0.5802	0.0071	0.00123	7.4E-09	daytime napping	452633	7.4E-05	33.3298
rs467897	102155610	G	A	0.32239	0.00956	0.0013	2.6E-13	daytime napping	452633	0.00012	53.9558
rs2431108	103947968	T	C	0.67128	-0.013	0.00129	7.7E-24	daytime napping	452633	0.00022	101.242
rs2099810	112030173	A	G	0.50307	0.00769	0.00121	2.8E-10	daytime napping	452633	8.9E-05	40.1138
rs10875606	143769614	C	A	0.31577	0.00738	0.00131	0.000000013	daytime napping	452633	7E-05	31.8236
rs10875622	146693062	G	A	0.42464	-0.0105	0.00123	1.3E-17	daytime napping	452633	0.00016	72.4538
rs73817091	159042652	C	T	0.95753	-0.0165	0.00302	0.000000038	daytime napping	452633	6.6E-05	29.8522
rs3799380	26467182	T	C	0.79973	0.0089	0.00151	0.000000013	daytime napping	452633	7.6E-05	34.5861
rs34262487	36224315	C	A	0.928	0.01451	0.00235	1.2E-09	daytime napping	452633	8.4E-05	37.9778
rs6919087	37699156	T	G	0.6876	0.01078	0.00131	1E-16	daytime napping	452633	0.00015	67.5793
rs9475168	55009408	T	G	0.78114	0.00877	0.00148	1.9E-09	daytime napping	452633	7.8E-05	35.2569
rs2653349	55142337	A	G	0.21478	0.01659	0.00148	3.4E-29	daytime napping	452633	0.00028	126.009
rs2143792	62182204	G	A	0.56753	0.00713	0.00123	9.1E-09	daytime napping	452633	7.4E-05	33.4221

rs1546977	84314423	A	G	0.56035	-0.0083	0.00122	1E-11	daytime napping	452633	0.0001	45.789
rs9389556	100079774	C	G	0.73905	-0.0084	0.00138	9.7E-10	daytime napping	452633	8.2E-05	37.0317
rs785145	114650655	T	G	0.56855	-0.007	0.00123	0.00000001	daytime napping	452633	7.2E-05	32.5351
rs614987	124920871	A	C	0.3858	-0.011	0.00125	7.5E-19	daytime napping	452633	0.00017	77.8389
rs140506252	155129280	A	T	0.97752	0.02273	0.00409	0.000000043	daytime napping	452633	6.8E-05	30.8957
rs9460110	170621249	T	C	0.63022	-0.0074	0.00126	8.4E-09	daytime napping	452633	7.6E-05	34.2153
rs35851551	31330785	A	G	0.8985	0.01119	0.00203	0.000000035	daytime napping	452633	6.7E-05	30.5111
rs10257273	99188589	A	T	0.85069	0.01074	0.0017	8.9E-10	daytime napping	452633	8.8E-05	39.6941
rs76257331	106916279	G	A	0.80173	-0.0087	0.00152	0.000000012	daytime napping	452633	7.2E-05	32.5078
rs13263535	1175131	G	T	0.53146	0.00687	0.00122	0.000000016	daytime napping	452633	7E-05	31.9097
rs351776	28191306	A	C	0.45048	-0.0076	0.00122	8.4E-10	daytime napping	452633	8.5E-05	38.2897
rs2059639	67381858	C	T	0.47944	0.00668	0.00122	0.000000024	daytime napping	452633	6.7E-05	30.1388
rs285815	106108303	T	A	0.45554	0.00753	0.00122	5.8E-10	daytime napping	452633	8.4E-05	38.1066
rs7814873	142213997	C	T	0.38299	0.00721	0.00126	0.000000015	daytime napping	452633	7.2E-05	32.542
rs10811438	20962282	G	C	0.60658	0.00722	0.00124	3.2E-09	daytime napping	452633	7.4E-05	33.719
rs17502738	37441650	T	C	0.80411	0.0087	0.00153	0.00000002	daytime napping	452633	7.2E-05	32.366
rs13284688	81727018	T	C	0.79343	-0.0151	0.0015	1.7E-23	daytime napping	452633	0.00022	101.101
rs295278	86420144	G	A	0.60548	0.00788	0.00124	2.2E-10	daytime napping	452633	8.9E-05	40.2092
rs971415	108846445	A	G	0.87762	0.01107	0.00185	1.2E-09	daytime napping	452633	7.9E-05	35.7327
rs4604518	120555845	G	A	0.54647	0.00691	0.00122	0.000000014	daytime napping	452633	7.1E-05	32.0512
rs12346996	131840856	T	C	0.27193	0.00796	0.00136	0.000000005	daytime napping	452633	7.5E-05	34.0358
rs11258652	13868855	C	A	0.76319	0.0104	0.00143	3.7E-13	daytime napping	452633	0.00012	52.9571
rs224111	64552010	G	A	0.61231	0.00798	0.00125	1.6E-10	daytime napping	452633	9E-05	40.8548
rs10840017	8335754	A	G	0.76737	0.00894	0.00148	0.000000002	daytime napping	452633	8.1E-05	36.4498
rs10835420	28866669	T	A	0.75083	0.0089	0.0014	1.7E-10	daytime napping	452633	8.9E-05	40.2765
rs174541	61565908	T	C	0.63955	-0.0099	0.00126	4.4E-15	daytime napping	452633	0.00014	61.2268
rs7932966	92792866	A	T	0.23664	0.00872	0.00143	1.1E-09	daytime napping	452633	8.3E-05	37.3485
rs530669754	101493132	A	G	0.87651	0.0121	0.00189	1.6E-10	daytime napping	452633	9E-05	40.9433
rs2417268	13493906	A	T	0.55981	-0.0075	0.00124	1.2E-09	daytime napping	452633	8.2E-05	37.0887
rs35011311	38616581	G	T	0.73442	0.00908	0.00138	4.4E-11	daytime napping	452633	9.5E-05	43.1556
rs60222088	108334477	C	A	0.85273	0.01124	0.00172	6.4E-11	daytime napping	452633	9.4E-05	42.5276
rs11615756	117942076	C	T	0.59539	-0.0183	0.00124	1.4E-49	daytime napping	452633	0.00048	217.432

rs2769916	107820389	G	A	0.31138	-0.0088	0.00131	1.7E-11	daytime napping	452633	9.8E-05	44.4139
rs10149986	29721044	T	G	0.8148	-0.0109	0.00157	4.4E-12	daytime napping	452633	0.00011	48.784
rs2370926	79602542	T	C	0.63353	0.00813	0.00126	1.7E-10	daytime napping	452633	9.1E-05	41.4185
rs11071755	63793936	G	A	0.57492	0.00711	0.00123	5.2E-09	daytime napping	452633	7.4E-05	33.5503
rs17158413	83235408	G	A	0.76272	-0.0093	0.00143	4.4E-11	daytime napping	452633	9.2E-05	41.8693
rs10152428	93510243	G	C	0.27024	-0.0078	0.00137	0.000000011	daytime napping	452633	7.2E-05	32.4741
rs60920123	10134637	G	A	0.56681	0.00764	0.00123	4.5E-10	daytime napping	452633	8.6E-05	38.7494
rs9939355	23837048	C	T	0.44233	0.00726	0.00122	4.5E-09	daytime napping	452633	7.8E-05	35.1983
rs378421	28754684	G	A	0.58271	-0.007	0.00124	0.000000024	daytime napping	452633	7E-05	31.7576
rs11860072	56193408	C	T	0.55279	0.00898	0.00124	2.8E-13	daytime napping	452633	0.00012	52.4595
rs528301822	69403012	A	T	0.71338	-0.008	0.00134	2.8E-09	daytime napping	452633	7.9E-05	35.8299
rs12451365	35595368	T	C	0.79536	-0.0106	0.0015	1.5E-12	daytime napping	452633	0.00011	49.943
rs385199	43686419	A	C	0.77214	0.02091	0.00145	7.5E-47	daytime napping	452633	0.00046	208.103
rs112520848	64308310	G	C	0.61412	-0.007	0.00125	0.000000018	daytime napping	452633	7E-05	31.4834
rs3935190	79084367	G	A	0.46375	-0.008	0.00122	5.4E-11	daytime napping	452633	9.5E-05	42.9037
rs962247	23084118	G	A	0.5232	0.00796	0.00122	5.7E-11	daytime napping	452633	9.3E-05	42.2658
rs2033103	36097882	C	T	0.54789	-0.0073	0.00122	2.6E-09	daytime napping	452633	7.8E-05	35.3728
rs9965170	44788274	G	A	0.57661	0.01364	0.00123	7.8E-29	daytime napping	452633	0.00027	123.18
rs17265513	39832628	T	C	0.8006	-0.0091	0.00152	0.000000002	daytime napping	452633	8E-05	36.1103
rs910187	45841052	G	A	0.62603	0.00732	0.00126	4.9E-09	daytime napping	452633	7.5E-05	33.9461
rs3810484	62194103	A	G	0.5563	0.00684	0.00122	0.000000022	daytime napping	452633	6.9E-05	31.344
rs1883048	47397586	T	C	0.47644	-0.0079	0.00122	1.8E-10	daytime napping	452633	9.1E-05	41.4152
rs2284015	37096573	C	G	0.74083	-0.0077	0.00139	0.000000041	daytime napping	452633	6.8E-05	30.93
rs2787120	33306297	A	G	0.8326	0.00778	0.00138	0.000000002	daytime sleepiness	452071	7.1E-05	31.9286
rs12140153	62579891	G	T	0.90457	0.01658	0.0018	2.8E-20	daytime sleepiness	452071	0.00019	85.1855
rs501701	90968044	A	G	0.53071	0.00606	0.00104	6.5E-09	daytime sleepiness	452071	7.6E-05	34.161
rs17131124	91127548	C	G	0.91152	-0.0112	0.00184	1.7E-09	daytime sleepiness	452071	8.2E-05	37.0266
rs57746981	201885234	C	T	0.64447	0.00681	0.00108	2.2E-10	daytime sleepiness	452071	8.9E-05	40.0677
rs825127	223506788	T	G	0.53079	0.00591	0.00103	9.5E-09	daytime sleepiness	452071	7.3E-05	32.7806
rs4665972	27598097	T	C	0.39364	0.00662	0.00106	3.9E-10	daytime sleepiness	452071	8.7E-05	39.165
rs7598712	46660452	G	T	0.55525	0.00579	0.00104	0.000000022	daytime sleepiness	452071	6.8E-05	30.9225
rs6741951	58959112	G	A	0.71079	0.00682	0.00114	2.7E-09	daytime sleepiness	452071	7.9E-05	35.6824

rs11123962	104157011	T	G	0.55323	-0.008	0.00103	7.5E-15	daytime sleepiness	452071	0.00013	60.4796
rs9712275	198907143	C	T	0.48588	-0.0059	0.00103	0.000000013	daytime sleepiness	452071	7.2E-05	32.5144
rs7607363	213402705	A	G	0.56123	-0.006	0.00104	0.000000008	daytime sleepiness	452071	7.4E-05	33.658
rs13010456	236792801	A	G	0.59469	0.00774	0.00105	2.1E-13	daytime sleepiness	452071	0.00012	54.2285
rs13097760	82823561	A	C	0.6387	-0.006	0.00108	0.000000032	daytime sleepiness	452071	6.8E-05	30.864
rs960986	85519305	C	T	0.63653	0.00716	0.00107	1.5E-11	daytime sleepiness	452071	9.9E-05	44.9501
rs843372	183996213	C	T	0.23005	0.00816	0.00123	2.2E-11	daytime sleepiness	452071	9.8E-05	44.3415
rs11942333	46389486	G	A	0.6758	-0.0061	0.0011	0.000000038	daytime sleepiness	452071	6.7E-05	30.1054
rs13135092	103198082	A	G	0.91719	-0.0103	0.00188	0.000000031	daytime sleepiness	452071	6.7E-05	30.2768
rs6897863	92512481	A	C	0.58442	0.00646	0.00105	7.6E-10	daytime sleepiness	452071	8.4E-05	38.0121
rs12153518	138501494	A	G	0.47224	0.0067	0.00103	6.8E-11	daytime sleepiness	452071	9.3E-05	42.213
rs6923811	27289776	T	C	0.67897	0.00677	0.00111	9.1E-10	daytime sleepiness	452071	8.3E-05	37.5684
rs55960940	38153146	T	C	0.82217	0.00763	0.00135	0.00000002	daytime sleepiness	452071	7E-05	31.8381
rs3122170	55058998	C	A	0.23111	0.0095	0.00123	5.6E-15	daytime sleepiness	452071	0.00013	60.0007
rs62519825	65479707	T	C	0.88741	-0.0095	0.00163	3.8E-09	daytime sleepiness	452071	7.5E-05	33.8919
rs285793	106087862	G	A	0.46125	0.00676	0.00104	7.9E-11	daytime sleepiness	452071	9.4E-05	42.6845
rs7837226	131235895	A	G	0.47285	-0.0057	0.00103	0.00000002	daytime sleepiness	452071	6.8E-05	30.9162
rs55818482	81744922	T	C	0.785	-0.0097	0.00126	1.4E-14	daytime sleepiness	452071	0.00013	59.7013
rs1566362	128163132	T	C	0.63173	0.00632	0.00107	3.8E-09	daytime sleepiness	452071	7.7E-05	34.9712
rs7476897	92416402	G	A	0.67943	0.00743	0.0011	2.7E-11	daytime sleepiness	452071	0.0001	45.4657
rs4765939	2582397	G	C	0.58327	-0.0063	0.00105	0.000000002	daytime sleepiness	452071	8E-05	36.0114
rs1846644	117938380	T	C	0.59085	-0.0114	0.00105	2.5E-27	daytime sleepiness	452071	0.00026	117.438
rs8015449	82161860	A	G	0.53861	0.00619	0.00103	1.9E-09	daytime sleepiness	452071	7.9E-05	35.8124
rs17356118	83237899	A	G	0.76879	-0.0077	0.00122	2.6E-10	daytime sleepiness	452071	8.7E-05	39.3203
rs886114	23865986	C	T	0.35731	0.00604	0.00107	0.000000019	daytime sleepiness	452071	7E-05	31.6394
rs11078398	17697099	G	A	0.74367	0.00766	0.00124	7.1E-10	daytime sleepiness	452071	8.4E-05	38.0884
rs147114641	43581015	C	A	0.77375	0.00788	0.00123	1.7E-10	daytime sleepiness	452071	9.1E-05	41.038
rs62055936	43848761	T	A	0.77748	0.0082	0.00124	4.4E-11	daytime sleepiness	452071	9.7E-05	43.6478
rs2048522	44800515	A	T	0.56538	0.00582	0.00105	0.000000035	daytime sleepiness	452071	6.8E-05	30.6665
rs4751	1686040	G	T	0.57531	-0.0077	0.0014	0.000000016	Insomnia	237627	0.00013	30.6126
rs12405761	57850914	A	C	0.57054	0.00924	0.0014	2.6E-11	Insomnia	237627	0.00018	43.6443
rs11804386	87738947	G	A	0.66657	-0.0081	0.00146	0.000000026	Insomnia	237627	0.00013	30.2826

rs11184946	107185225	C	T	0.58298	-0.0088	0.0014	2.9E-10	Insomnia	237627	0.00017	39.407
rs6664467	151738403	G	A	0.86353	0.01127	0.00202	0.000000045	Insomnia	237627	0.00013	31.2394
rs2644128	201793440	C	G	0.44955	-0.0097	0.00139	1E-12	Insomnia	237627	0.00021	49.281
rs7572387	58866584	A	C	0.57062	-0.0098	0.0014	1.5E-12	Insomnia	237627	0.00021	49.2173
rs113851554	66750564	G	T	0.94279	-0.0414	0.00307	1.3E-41	Insomnia	237627	0.00076	181.157
rs62158170	114082175	A	G	0.78519	0.01205	0.00168	5.7E-13	Insomnia	237627	0.00022	51.2821
rs4577309	191288833	A	G	0.46879	0.00812	0.00139	3.7E-09	Insomnia	237627	0.00014	34.1907
rs4688760	49980596	C	T	0.30951	-0.0108	0.0015	1E-12	Insomnia	237627	0.00022	51.5642
rs9845387	116425935	C	A	0.95926	0.01965	0.0035	0.000000021	Insomnia	237627	0.00013	31.506
rs1841625	91287477	A	G	0.56829	-0.0077	0.0014	0.000000036	Insomnia	237627	0.00013	30.4084
rs11097861	105330133	A	G	0.28435	-0.0092	0.00153	1.7E-09	Insomnia	237627	0.00015	35.6405
rs1430205	87678585	C	T	0.54167	-0.0077	0.00139	0.000000036	Insomnia	237627	0.00013	30.5961
rs1592757	103889998	G	C	0.64416	-0.009	0.00144	4.6E-10	Insomnia	237627	0.00016	39.1934
rs7711696	135486536	G	T	0.69548	-0.0102	0.0015	9.9E-12	Insomnia	237627	0.00019	45.9752
rs10947690	37631768	A	G	0.73844	-0.0087	0.00157	0.000000035	Insomnia	237627	0.00013	30.464
rs314280	105400837	A	G	0.45328	-0.0086	0.00139	3.5E-10	Insomnia	237627	0.00016	38.6653
rs3824081	1024581	T	C	0.47564	0.00801	0.00139	0.000000011	Insomnia	237627	0.00014	33.2749
rs6593005	52584625	A	G	0.25897	-0.009	0.00158	8.6E-09	Insomnia	237627	0.00014	32.6796
rs10280045	114076394	C	G	0.42716	-0.0091	0.00141	1E-10	Insomnia	237627	0.00017	41.4653
rs17151854	10236559	G	T	0.84678	-0.0107	0.00192	0.000000024	Insomnia	237627	0.00013	30.9938
rs10156602	96345328	A	G	0.63777	0.01011	0.00145	3.4E-12	Insomnia	237627	0.00021	48.757
rs2296580	104241683	G	T	0.70201	0.01031	0.00151	8.7E-12	Insomnia	237627	0.0002	46.624
rs2297787	104680137	T	A	0.92061	0.01529	0.00256	2.1E-09	Insomnia	237627	0.00015	35.6171
rs10838708	47441513	G	A	0.54057	0.0084	0.0014	2.5E-09	Insomnia	237627	0.00015	36.008
rs324017	57487814	A	C	0.29498	0.00968	0.00152	1.1E-10	Insomnia	237627	0.00017	40.5767
rs2956278	84698234	A	G	0.78519	-0.0095	0.00168	0.000000013	Insomnia	237627	0.00013	31.9529
rs68094047	109855201	C	T	0.74957	-0.0094	0.0016	3.3E-09	Insomnia	237627	0.00015	34.6267
rs1923770	53786568	T	A	0.38271	0.00996	0.00142	2.3E-12	Insomnia	237627	0.00021	48.9643
rs1327938	59833252	T	C	0.34622	-0.0091	0.00147	3.8E-10	Insomnia	237627	0.00016	38.6582
rs11635495	67804682	T	C	0.4857	-0.0081	0.00139	6.8E-09	Insomnia	237627	0.00014	34.4247
rs4886860	74340336	G	C	0.23417	0.01124	0.00163	6.1E-12	Insomnia	237627	0.0002	47.3632
rs17139246	6106260	T	C	0.61088	-0.0078	0.00143	0.000000041	Insomnia	237627	0.00012	29.594

rs2062113	59476179	T	C	0.42946	0.0089	0.0014	1.9E-10	Insomnia	237627	0.00017	40.22
rs17669584	28899614	A	G	0.80454	-0.0096	0.00178	0.000000036	Insomnia	237627	0.00012	29.2407
rs575346808	43202539	T	A	0.7316	-0.0105	0.00156	2.5E-11	Insomnia	237627	0.00019	45.301
rs9894577	43223292	G	A	0.68241	-0.0124	0.00149	1.5E-16	Insomnia	237627	0.00029	69.0901
rs1942262	52873317	G	A	0.70754	-0.0112	0.00152	1.1E-13	Insomnia	237627	0.00023	53.6139
rs11673344	37684966	A	G	0.61981	-0.0087	0.00143	9E-10	Insomnia	237627	0.00016	36.9446
rs1144566	182569626	T	C	0.03003	-0.0964	0.01401	7.8E-12	L5Timing	85205	0.00056	47.4164
rs113851554	66750564	G	T	0.94334	-0.1334	0.01072	1.6E-35	L5Timing	85205	0.00181	154.921
rs12991815	68071990	C	G	0.42353	0.02916	0.00484	2.4E-09	L5Timing	85205	0.00043	36.2682
rs9369062	38437303	A	C	0.70797	0.03934	0.00527	8.5E-14	L5Timing	85205	0.00065	55.6738
rs4882315	38458906	C	T	0.49343	-0.0271	0.00481	0.000000018	L5Timing	85205	0.00037	31.6934
rs12927162	52684916	A	G	0.72252	-0.0293	0.00532	0.000000033	L5Timing	85205	0.00035	30.2529
rs12714404	282462	T	G	0.28322	0.03692	0.00518	1.1E-12	No.of sleep episodes	84441	0.0006	50.8346
rs310727	4336589	T	C	0.47479	0.02595	0.00468	0.000000032	No.of sleep episodes	84441	0.00036	30.8157
rs55754932	87847754	A	C	0.71633	-0.0371	0.00521	1.8E-12	No.of sleep episodes	84441	0.0006	50.857
rs9864672	137076353	T	C	0.52192	0.02942	0.00467	1.6E-10	No.of sleep episodes	84441	0.00047	39.7281
rs4974697	2473092	A	T	0.60989	-0.0263	0.00478	0.000000047	No.of sleep episodes	84441	0.00036	30.3567
rs7377083	102708997	C	A	0.5704	-0.0289	0.00473	1.2E-09	No.of sleep episodes	84441	0.00044	37.2983
rs749100	63307862	A	G	0.58162	0.03255	0.00472	8.5E-12	No.of sleep episodes	84441	0.00056	47.4627
rs35823995	73419711	A	C	0.92383	-0.0566	0.00926	1.1E-09	No.of sleep episodes	84441	0.00044	37.4224
rs9341399	73773644	T	C	0.06356	-0.0661	0.00959	6.4E-12	No.of sleep episodes	84441	0.00056	47.431
rs1889978	124771233	C	T	0.48548	0.02711	0.00469	4.5E-09	No.of sleep episodes	84441	0.0004	33.4713
rs2141277	39099178	A	G	0.47752	0.02609	0.00468	0.000000014	No.of sleep episodes	84441	0.00037	31.062
rs10233848	103122645	A	G	0.70667	-0.0346	0.00513	1.7E-11	No.of sleep episodes	84441	0.00054	45.5233
rs1124116	99371147	A	G	0.72951	0.03108	0.00525	2.1E-09	No.of sleep episodes	84441	0.00042	35.1206
rs4755731	43685168	A	G	0.56912	-0.0278	0.00472	3.3E-09	No.of sleep episodes	84441	0.00041	34.5983
rs3751837	3583173	C	T	0.78054	0.03334	0.00566	3.6E-09	No.of sleep episodes	84441	0.00041	34.7125
rs8045740	20262776	G	T	0.86761	0.05247	0.00704	6.3E-14	No.of sleep episodes	84441	0.00066	55.5483
rs11078916	37746307	T	C	0.27921	0.02862	0.00522	0.000000028	No.of sleep episodes	84441	0.00036	30.073
rs11082030	35501739	T	C	0.72485	0.02982	0.00524	7.8E-09	No.of sleep episodes	84441	0.00038	32.36
rs8098424	52458218	G	A	0.61947	0.02716	0.00482	0.000000012	No.of sleep episodes	84441	0.00038	31.6926
rs76753486	42684264	C	T	0.91644	-0.0473	0.00846	0.000000019	No.of sleep episodes	84441	0.00037	31.252

rs429358	45411941	T	C	0.84804	0.03562	0.00651	0.000000036	No.of sleep episodes	84441	0.00035	29.9316
rs12479469	61145196	G	A	0.65807	-0.0315	0.00501	4.1E-10	No.of sleep episodes	84441	0.00047	39.3524
rs7524118	34736052	T	C	0.29162	-0.0058	0.00105	0.000000049	Self-reported short sleep	411934	7.3E-05	29.9014
rs2186122	66470206	A	T	0.43843	-0.0057	0.00097	4.8E-09	Self-reported short sleep	411934	8.3E-05	34.0061
rs12567114	98527951	G	A	0.7246	0.00632	0.00108	4.1E-09	Self-reported short sleep	411934	8.4E-05	34.4973
rs2820313	201870221	A	G	0.65889	-0.006	0.00101	2.3E-09	Self-reported short sleep	411934	8.6E-05	35.3484
rs1380703	57941287	A	G	0.61647	-0.0068	0.001	1.6E-11	Self-reported short sleep	411934	0.00011	45.3371
rs2863957	114089551	C	A	0.78151	0.01019	0.00116	2.6E-18	Self-reported short sleep	411934	0.00019	77.0411
rs2014830	50172397	C	T	0.69813	0.00579	0.00105	0.000000027	Self-reported short sleep	411934	7.4E-05	30.3481
rs17005118	82288564	G	A	0.73506	-0.0065	0.00109	2.5E-09	Self-reported short sleep	411934	8.6E-05	35.5643
rs13107325	103188709	C	T	0.92547	-0.0133	0.00183	2.5E-13	Self-reported short sleep	411934	0.00013	52.6714
rs12518468	7249696	T	C	0.67154	-0.0059	0.00102	8.5E-09	Self-reported short sleep	411934	8.1E-05	33.2248
rs3776864	102327868	A	C	0.66721	0.00572	0.00102	0.000000017	Self-reported short sleep	411934	7.7E-05	31.5372
rs4585442	135508381	A	G	0.68898	-0.0063	0.00104	8.1E-10	Self-reported short sleep	411934	9.1E-05	37.5133
rs2517827	29832846	C	A	0.68893	-0.0059	0.00104	5.7E-09	Self-reported short sleep	411934	7.9E-05	32.7383
rs12661667	41792545	C	T	0.73651	-0.006	0.00109	0.000000028	Self-reported short sleep	411934	7.4E-05	30.6813
rs9367621	55040290	T	A	0.43104	0.00545	0.00097	0.000000016	Self-reported short sleep	411934	7.7E-05	31.5159
rs9321171	129848635	C	T	0.54012	0.00535	0.00097	0.000000042	Self-reported short sleep	411934	7.5E-05	30.7175
rs11763750	2080114	G	A	0.81435	0.00721	0.00123	5.1E-09	Self-reported short sleep	411934	8.3E-05	34.178
rs1229762	114218582	C	T	0.3355	-0.0072	0.00102	1E-12	Self-reported short sleep	411934	0.00012	50.7141
rs60882754	52886619	A	T	0.93899	0.0113	0.002	0.000000018	Self-reported short sleep	411934	7.7E-05	31.8987
rs1607227	28808617	G	T	0.70494	0.00637	0.00105	1.5E-09	Self-reported short sleep	411934	8.9E-05	36.4676
rs7939345	47980568	T	G	0.20757	0.0065	0.00118	0.00000004	Self-reported short sleep	411934	7.3E-05	30.2355
rs17388803	48027204	A	C	0.89435	-0.0098	0.00159	6.5E-10	Self-reported short sleep	411934	9.3E-05	38.3339
rs59779556	56227965	T	G	0.55383	0.00549	0.00097	0.00000002	Self-reported short sleep	411934	7.8E-05	32.3172
rs205024	11227352	C	T	0.61672	0.00551	0.00099	0.000000027	Self-reported short sleep	411934	7.6E-05	31.2312
rs12963463	53099093	C	T	0.29943	0.00711	0.00106	1.9E-11	Self-reported short sleep	411934	0.00011	45.0378
rs5757675	39838892	G	T	0.25953	0.00646	0.0011	2.7E-09	Self-reported short sleep	411934	8.4E-05	34.4984
rs7534398	7767464	T	A	0.79862	-0.0051	0.00091	0.000000021	Self-reported long sleep	339926	9.2E-05	31.2558
rs6737318	114083120	A	G	0.77816	-0.0064	0.00088	3.4E-13	Self-reported long sleep	339926	0.00016	52.9824
rs10899257	76415209	G	A	0.85553	-0.0056	0.00103	0.000000046	Self-reported long sleep	339926	8.8E-05	29.8888
rs75458655	118115331	C	T	0.97703	-0.0167	0.00242	5.4E-12	Self-reported long sleep	339926	0.00014	47.6806

rs3751046	122828342	A	G	0.85266	-0.0058	0.00103	0.00000002	Self-reported long sleep	339926	9.3E-05	31.6058
rs17817288	53807764	A	G	0.51813	0.00419	0.00073	8.9E-09	Self-reported long sleep	339926	9.8E-05	33.2326
rs147114641	43581015	C	A	0.77403	0.00569	0.00087	4.9E-11	Self-reported long sleep	339926	0.00013	42.9986
rs146467757	44283338	G	T	0.77215	0.00564	0.00087	8.1E-11	Self-reported long sleep	339926	0.00012	42.004
rs572857764	44355766	T	A	0.77527	0.00563	0.00088	1.3E-10	Self-reported long sleep	339926	0.00012	41.1148
rs62073915	44433370	A	G	0.77868	0.00606	0.00089	1E-11	Self-reported long sleep	339926	0.00014	46.1537
rs915416	34731984	C	G	0.28995	0.01926	0.00249	9.9E-15	Self-reported sleep duration	446118	0.00013	59.6044
rs269054	57864304	T	A	0.57792	-0.0136	0.00229	2.1E-09	Self-reported sleep duration	446118	7.9E-05	35.3927
rs61796569	66476437	C	T	0.73042	-0.0154	0.00256	1.5E-09	Self-reported sleep duration	446118	8.1E-05	36.27
rs12567114	98527951	G	A	0.7242	-0.0148	0.00254	4.3E-09	Self-reported sleep duration	446118	7.6E-05	34.0841
rs62120041	9185564	T	C	0.9339	0.02611	0.00457	9.6E-09	Self-reported sleep duration	446118	7.3E-05	32.5746
rs374153	40382712	C	T	0.15809	0.01761	0.0031	9.1E-09	Self-reported sleep duration	446118	7.2E-05	32.2125
rs2717076	58061127	C	T	0.37258	-0.0184	0.00234	3.1E-15	Self-reported sleep duration	446118	0.00014	61.8542
rs75539574	58871658	A	C	0.91421	-0.0362	0.00407	6.9E-19	Self-reported sleep duration	446118	0.00018	79.5065
rs7556815	114085785	G	A	0.78086	-0.0407	0.00274	1.3E-49	Self-reported sleep duration	446118	0.00049	220.873
rs35662245	147583187	T	A	0.66126	-0.0146	0.00239	1.4E-09	Self-reported sleep duration	446118	8.3E-05	37.2188
rs11885663	166944004	C	T	0.75219	-0.0162	0.00262	8.6E-10	Self-reported sleep duration	446118	8.6E-05	38.3703
rs10173260	210377845	T	C	0.39377	-0.0128	0.00231	0.000000029	Self-reported sleep duration	446118	6.9E-05	30.7948
rs112230981	55879269	A	G	0.94984	0.03153	0.00523	2.2E-09	Self-reported sleep duration	446118	8.2E-05	36.3687
rs17732997	70470834	C	G	0.5691	0.01293	0.00229	0.000000012	Self-reported sleep duration	446118	7.2E-05	31.9528
rs7644809	107564459	T	C	0.42161	0.01306	0.0023	0.000000016	Self-reported sleep duration	446118	7.2E-05	32.2114
rs13088093	135838598	T	G	0.66368	-0.0163	0.0024	7E-12	Self-reported sleep duration	446118	0.0001	45.8794
rs2192528	18327896	A	G	0.48007	0.01337	0.00227	2.7E-09	Self-reported sleep duration	446118	7.8E-05	34.7081

rs17427571	82254908	A	G	0.68431	0.01383	0.00244	0.000000013	Self-reported sleep duration	446118	7.2E-05	32.2259
rs35531607	92533225	T	C	0.52592	-0.0128	0.00227	0.000000015	Self-reported sleep duration	446118	7.2E-05	31.9174
rs13109404	102896591	T	G	0.92802	0.0312	0.00441	1.4E-12	Self-reported sleep duration	446118	0.00011	50.1031
rs365663	1428883	A	G	0.54596	0.01463	0.00228	1E-10	Self-reported sleep duration	446118	9.2E-05	41.2201
rs465700	3126493	C	G	0.10783	0.02251	0.00367	1.4E-09	Self-reported sleep duration	446118	8.4E-05	37.5617
rs56372231	102321905	C	T	0.66591	-0.0169	0.0024	2.2E-12	Self-reported sleep duration	446118	0.00011	49.8507
rs11567976	137654218	C	T	0.42909	-0.0128	0.00229	0.000000021	Self-reported sleep duration	446118	7E-05	31.3957
rs151014368	176751059	G	A	0.79374	-0.0161	0.00282	9.1E-09	Self-reported sleep duration	446118	7.3E-05	32.574
rs34556183	28584775	A	G	0.71961	0.01692	0.00252	2.3E-11	Self-reported sleep duration	446118	0.0001	44.981
rs113113059	43160375	T	C	0.78	0.01614	0.00274	8.4E-09	Self-reported sleep duration	446118	7.8E-05	34.7685
rs9382445	54937974	T	C	0.62305	0.01454	0.00233	4.8E-10	Self-reported sleep duration	446118	8.7E-05	38.7913
rs2231265	89790201	A	G	0.22771	-0.015	0.0027	0.000000027	Self-reported sleep duration	446118	6.9E-05	30.698
rs9345234	93162639	A	C	0.42198	-0.013	0.0023	0.000000018	Self-reported sleep duration	446118	7.2E-05	32.0343
rs34731055	2106928	C	T	0.81911	-0.0195	0.00295	3.7E-11	Self-reported sleep duration	446118	9.8E-05	43.582
rs2079070	114126432	C	G	0.26461	0.01755	0.00257	7.5E-12	Self-reported sleep duration	446118	0.0001	46.7505
rs7806045	132610266	T	C	0.7547	0.01479	0.00263	0.000000014	Self-reported sleep duration	446118	7.1E-05	31.7333
rs4841498	10985432	C	T	0.48696	0.014	0.00227	1.2E-09	Self-reported sleep duration	446118	8.5E-05	38.0378
rs73219758	14279446	G	A	0.70806	0.0164	0.0025	5.6E-11	Self-reported sleep duration	446118	9.7E-05	43.2034
rs10973207	37100525	G	T	0.84232	-0.0204	0.00312	6E-11	Self-reported sleep duration	446118	9.6E-05	42.7854
rs1776776	140497072	T	C	0.87383	0.01996	0.00341	4.9E-09	Self-reported sleep duration	446118	7.7E-05	34.2578
rs12246842	21830580	A	G	0.45982	0.01339	0.00227	3.9E-09	Self-reported sleep duration	446118	7.8E-05	34.6897

rs10761674	64618340	C	T	0.47733	0.01233	0.00227	0.000000042	Self-reported sleep duration	446118	6.6E-05	29.624
rs11190970	103128332	G	A	0.79866	0.01538	0.00282	0.000000046	Self-reported sleep duration	446118	6.7E-05	29.6741
rs7915425	125016501	T	C	0.17468	0.01906	0.00299	2E-10	Self-reported sleep duration	446118	9.1E-05	40.6625
rs1517572	28829882	A	C	0.41946	-0.0146	0.00229	1.5E-10	Self-reported sleep duration	446118	9.1E-05	40.7282
rs4592416	43800474	A	G	0.53559	-0.0147	0.00227	9.3E-11	Self-reported sleep duration	446118	9.4E-05	41.8337
rs11039544	48173412	G	A	0.83778	0.01839	0.00307	1.9E-09	Self-reported sleep duration	446118	8E-05	35.7945
rs174560	61581764	T	C	0.68579	-0.0136	0.00244	0.000000028	Self-reported sleep duration	446118	7E-05	31.0357
rs12791153	80685181	A	T	0.91891	-0.0235	0.00422	0.000000019	Self-reported sleep duration	446118	7E-05	31.1834
rs1553132	88297740	A	G	0.74157	-0.0145	0.00258	0.000000025	Self-reported sleep duration	446118	7.1E-05	31.5064
rs1939455	101520886	G	T	0.87945	0.02043	0.00356	0.000000012	Self-reported sleep duration	446118	7.4E-05	32.8963
rs1079727	113289182	T	C	0.84218	-0.0183	0.0031	5.3E-09	Self-reported sleep duration	446118	7.8E-05	34.7404
rs3751046	122828342	A	G	0.85351	-0.0194	0.00321	1.1E-09	Self-reported sleep duration	446118	8.2E-05	36.6152
rs34354917	38764559	C	A	0.71047	0.01375	0.0025	0.000000039	Self-reported sleep duration	446118	6.8E-05	30.2144
rs4767550	117951150	A	G	0.58586	-0.0143	0.00231	6.3E-10	Self-reported sleep duration	446118	8.6E-05	38.3356
rs6575005	26954078	T	C	0.75785	0.01556	0.00264	4.4E-09	Self-reported sleep duration	446118	7.8E-05	34.7096
rs10483350	29816155	A	G	0.80458	-0.0174	0.00287	1.5E-09	Self-reported sleep duration	446118	8.2E-05	36.6869
rs61985058	60233841	C	T	0.85682	-0.0186	0.00323	0.000000013	Self-reported sleep duration	446118	7.4E-05	33.1602
rs55658675	65554638	C	T	0.64494	0.01314	0.00237	0.000000002	Self-reported sleep duration	446118	6.9E-05	30.7742
rs11621908	78495761	C	T	0.91714	0.0241	0.00416	5.6E-09	Self-reported sleep duration	446118	7.5E-05	33.5002
rs8038326	47989799	A	G	0.72691	0.01592	0.00254	2.8E-10	Self-reported sleep duration	446118	8.8E-05	39.2644
rs3095508	6550400	C	A	0.59353	0.01535	0.0023	3.1E-11	Self-reported sleep duration	446118	9.9E-05	44.3825

rs11643715	23909538	C	G	0.70906	-0.0139	0.0025	0.000000032	Self-reported sleep duration	446118	6.9E-05	30.9759
rs9937053	53799507	G	A	0.5767	0.01693	0.00229	1.2E-13	Self-reported sleep duration	446118	0.00012	54.6678
rs7198661	56090428	T	C	0.50232	0.01338	0.00227	3.9E-09	Self-reported sleep duration	446118	7.8E-05	34.6203
rs3027234	8136092	C	T	0.77285	0.01515	0.00271	0.000000023	Self-reported sleep duration	446118	7E-05	31.3534
rs205024	11227352	C	T	0.61627	-0.0138	0.00233	3.9E-09	Self-reported sleep duration	446118	7.9E-05	35.2991
rs8072993	21335627	T	G	0.36349	-0.0175	0.00282	4.2E-10	Self-reported sleep duration	446118	8.6E-05	38.3657
rs147114641	43581015	C	A	0.77372	0.01598	0.0027	3.1E-09	Self-reported sleep duration	446118	7.8E-05	34.931
rs2696429	44335274	G	A	0.77363	0.01689	0.00271	4E-10	Self-reported sleep duration	446118	8.7E-05	38.9042
rs12607679	53059748	T	C	0.73772	0.02014	0.00259	8.3E-15	Self-reported sleep duration	446118	0.00014	60.3267
rs10421649	9942262	T	A	0.44303	-0.0133	0.00229	6.9E-09	Self-reported sleep duration	446118	7.5E-05	33.5828
rs2072727	43538733	T	C	0.43617	0.01324	0.00229	7.9E-09	Self-reported sleep duration	446118	7.5E-05	33.5848
rs113851554	66750564	G	T	0.94339	0.10136	0.01051	4.5E-22	Sleep efficiency	84810	0.00109	92.9633
rs62158169	114081827	C	T	0.78363	-0.0319	0.00571	0.000000023	Sleep efficiency	84810	0.00037	31.3173
rs17400325	178565913	T	C	0.95782	0.07352	0.01164	2.2E-10	Sleep efficiency	84810	0.00047	39.8636
rs13094687	52450043	A	G	0.68517	-0.0288	0.00505	0.000000013	Sleep efficiency	84810	0.00038	32.3701
rs13080973	138596050	A	G	0.79804	-0.0324	0.00583	0.000000031	Sleep efficiency	84810	0.00036	30.8028