

Supplementary Table 1 GWAS datasets used for analyses

GWAS ID	Exposure or outcome	Resource	Samples
ukb-r2-20533	Trouble falling asleep	IEU GWAS	45,540
ebi-a-GCST006686	Sleep duration (undersleepers)	IEU GWAS	110,188
ebi-a-GCST006685	Sleep duration (oversleepers)	IEU GWAS	91,306
ukb-b-5776	Daytime dozing	IEU GWAS	460,913
ukb-b-4956	Morning/evening person (chronotype)	IEU GWAS	413,343
ukb-b-4616	Nap during day	IEU GWAS	462,400
finngen_R12_NAFLD	MASLD	Finngen	500,348
finngen_R12_G6_SLEEPAPNO	Sleep apnoea	Finngen	498,022
finngen_R12_F5_HYPERSOMNIA	Hypersomnia	Finngen	491,271
finngen_R12_F5_SLEEPWAKE	Disorder of the sleep-wake schedule	Finngen	491,396

GWAS: Genome-wide association study.

Supplementary Table 2 Instrumental variables used for analyses

Exposure	Outcome	SNP	E	O	Exposure			Outcome		
					A	A	Beta SE P	Beta SE P		
Trouble falling asleep	MASLD	rs10179844	A	G	0.072	0.016	4.01 E-06	-0.056	0.096	0.558
Trouble falling asleep	MASLD	rs10500708	G	A	-0.019	0.004	3.93 E-06	0.048	0.035	0.166
Trouble falling asleep	MASLD	rs117026216	T	C	-0.038	0.008	3.52 E-06	0.068	0.065	0.293
Trouble falling asleep	MASLD	rs138989870	A	G	-0.026	0.005	2.44 E-06	0.118	0.048	0.015
Trouble falling asleep	MASLD	rs151045175	A	G	-0.079	0.017	2.14 E-06	-0.238	0.137	0.082
Trouble falling asleep	MASLD	rs29001258	T	C	-0.020	0.004	4.46 E-06	0.040	0.036	0.274
Trouble falling asleep	MASLD	rs372381288	A	G	-0.029	0.006	9.50 E-07	0.014	0.043	0.746
Trouble falling asleep	MASLD	rs62064389	T	C	0.020	0.004	2.30 E-08	-0.063	0.135	0.639
Trouble falling asleep	MASLD	rs78025848	C	T	-0.025	0.005	2.16 E-06	0.057	0.047	0.225
Sleep duration (undersleepers)	MASLD	rs10510128	A	G	-0.011	0.002	1.00 E-06	-0.037	0.033	0.269
Sleep duration (undersleepers)	MASLD	rs10995281	C	T	0.009	0.002	4.10 E-06	0.026	0.025	0.307
Sleep duration (undersleepers)	MASLD	rs112287772	C	T	0.038	0.008	1.70 E-06	-0.070	0.053	0.192
Sleep duration (undersleepers)	MASLD	rs11607779	T	C	0.023	0.005	1.60 E-06	-0.276	0.126	0.029
Sleep duration (undersleepers)	MASLD	rs116988821	A	G	0.024	0.005	4.40 E-06	-0.102	0.079	0.196
Sleep duration (undersleepers)	MASLD	rs140450540	A	G	0.038	0.008	8.80 E-07	-0.180	0.191	0.347
Sleep duration (undersleepers)	MASLD	rs1456031	C	T	0.009	0.002	1.30 E-06	-0.015	0.024	0.548
Sleep duration (undersleepers)	MASLD	rs62158211	T	G	-0.010	0.002	2.80 E-06	0.005	0.029	0.861
Sleep duration (undersleepers)	MASLD	rs66501154	G	A	-0.011	0.002	6.60 E-07	0.044	0.030	0.146
Sleep duration (undersleepers)	MASLD	rs7483691	T	C	0.010	0.002	5.10 E-07	0.000	0.027	0.989
Sleep duration (oversleepers)	MASLD	rs10039466	A	C	0.122	0.027	4.10 E-06	0.072	0.059	0.220
Sleep duration (oversleepers)	MASLD	rs113012428	A	G	0.011	0.002	1.10 E-06	0.021	0.036	0.573
Sleep duration	MASLD	rs1142	T	C	0.028	0.006	4.00	0.124	0.174	0.477

(oversleepers)		63478					E-06			
Sleep duration	MASLD	rs1275	T	A	-0.007	0.002	3.10	-0.010	0.028	0.710
(oversleepers)		1487					E-06			
Sleep duration	MASLD	rs1388	C	T	0.018	0.004	3.70	0.069	0.057	0.226
(oversleepers)		54460					E-06			
Sleep duration	MASLD	rs1471	A	G	-0.007	0.001	1.60	0.026	0.026	0.334
(oversleepers)		172					E-06			
Sleep duration	MASLD	rs1489	A	T	0.030	0.006	3.70	0.075	0.315	0.812
(oversleepers)		48944					E-06			
Sleep duration	MASLD	rs1832	C	T	0.027	0.005	7.40	-0.052	0.065	0.420
(oversleepers)		08795					E-07			
Sleep duration	MASLD	rs1905	T	C	0.039	0.008	1.70	0.051	0.064	0.429
(oversleepers)		17796					E-06			
Sleep duration	MASLD	rs3571	G	A	0.019	0.004	3.70	-0.113	0.065	0.084
(oversleepers)		8341					E-07			
Sleep duration	MASLD	rs3845	T	C	-0.006	0.001	3.40	0.007	0.024	0.780
(oversleepers)		807					E-06			
Sleep duration	MASLD	rs5570	A	C	0.027	0.006	2.30	0.084	0.179	0.638
(oversleepers)		0403					E-06			
Sleep duration	MASLD	rs5851	C	T	0.016	0.003	2.10	-0.091	0.073	0.210
(oversleepers)		7549					E-06			
Sleep duration	MASLD	rs6035	C	A	-0.013	0.003	1.10	0.015	0.043	0.724
(oversleepers)		251					E-06			
Sleep duration	MASLD	rs6078	C	T	-0.009	0.002	3.60	-0.008	0.030	0.803
(oversleepers)		0105					E-06			
Sleep duration	MASLD	rs6456	T	A	-0.007	0.002	4.40	-0.033	0.029	0.250
(oversleepers)		355					E-06			
Sleep duration	MASLD	rs6781	A	G	-0.008	0.002	5.00	-0.006	0.026	0.832
(oversleepers)		801					E-07			
Sleep duration	MASLD	rs7319	A	C	-0.008	0.002	2.10	-0.046	0.035	0.189
(oversleepers)		6898					E-06			
Sleep duration	MASLD	rs7353	C	T	0.025	0.005	2.70	0.213	0.248	0.390
(oversleepers)		8586					E-06			
Sleep duration	MASLD	rs7924	A	G	-0.022	0.005	3.00	0.061	0.080	0.446
(oversleepers)		5886					E-06			
Daytime dozing	MASLD	rs1112	G	T	0.008	0.001	2.10	0.010	0.024	0.673
		3962					E-14			
Daytime dozing	MASLD	rs1124	T	C	-0.007	0.001	3.70	0.012	0.024	0.627
		2450					E-11			
Daytime dozing	MASLD	rs1214	T	G	-0.017	0.002	7.40	-0.050	0.045	0.264
		0153					E-21			
Daytime dozing	MASLD	rs1301	G	A	-0.008	0.001	3.50	-0.019	0.025	0.462
		0456					E-13			
Daytime dozing	MASLD	rs1328	C	T	0.009	0.001	1.20	0.012	0.033	0.716
		4688					E-13			
Daytime dozing	MASLD	rs1566	C	T	-0.007	0.001	4.40	-0.027	0.024	0.273

Daytime dozing	MASLD	362 rs1735	G	A	0.007	0.001	E-10 3.00	0.013	0.033	0.701
Daytime dozing	MASLD	6118 rs1846	C	T	0.011	0.001	E-09 4.60	-0.013	0.024	0.582
Daytime dozing	MASLD	644 rs2160	G	A	0.006	0.001	E-27 3.10	0.028	0.024	0.254
Daytime dozing	MASLD	515 rs2787	G	A	-0.008	0.001	E-08 2.80	-0.012	0.030	0.702
Daytime dozing	MASLD	120 rs2857	A	G	-0.007	0.001	E-08 2.00	0.036	0.025	0.140
Daytime dozing	MASLD	93 rs3122	A	C	-0.009	0.001	E-10 5.70	-0.054	0.032	0.091
Daytime dozing	MASLD	170 rs3447	T	C	0.009	0.001	E-14 1.30	-0.009	0.030	0.757
Daytime dozing	MASLD	8464 rs4286	C	T	-0.006	0.001	E-11 8.50	0.007	0.025	0.784
Daytime dozing	MASLD	272 rs4765	C	G	0.006	0.001	E-09 4.00	-0.003	0.026	0.903
Daytime dozing	MASLD	939 rs5533	C	T	-0.007	0.001	E-09 5.70	0.067	0.027	0.014
Daytime dozing	MASLD	14 rs5576	C	T	-0.007	0.001	E-10 2.50	-0.034	0.027	0.218
Daytime dozing	MASLD	7040 rs5614	T	C	-0.008	0.001	E-10 4.60	-0.018	0.030	0.552
Daytime dozing	MASLD	3617 rs5774	T	C	-0.007	0.001	E-09 1.50	-0.049	0.025	0.047
Daytime dozing	MASLD	6981 rs5926	C	T	-0.007	0.001	E-10 1.70	-0.015	0.024	0.533
Daytime dozing	MASLD	2698 rs6251	A	G	0.010	0.002	E-10 4.70	0.010	0.035	0.763
Daytime dozing	MASLD	9822 rs6923	C	T	-0.007	0.001	E-09 2.40	-0.016	0.031	0.598
Daytime dozing	MASLD	811 rs7207	G	A	-0.008	0.001	E-09 5.10	0.029	0.043	0.503
Daytime dozing	MASLD	582 rs7476	A	G	-0.007	0.001	E-12 2.50	0.019	0.029	0.515
Daytime dozing	MASLD	897 rs7607	G	A	0.006	0.001	E-10 7.40	-0.033	0.024	0.166
Daytime dozing	MASLD	363 rs8015	G	A	-0.006	0.001	E-09 2.20	-0.068	0.024	0.005
Daytime dozing	MASLD	449 rs8251	G	T	-0.006	0.001	E-09 1.70	0.022	0.024	0.362
Daytime dozing	MASLD	27 rs8433	T	C	-0.008	0.001	E-08 2.00	-0.019	0.027	0.477
Daytime dozing	MASLD	72 rs8861	T	C	-0.006	0.001	E-11 1.60	0.020	0.027	0.453

		14					E-08				
Morning/evening person (chronotype)	MASLD	rs1005 8356	T	C	0.013	0.002	3.70	-0.021	0.025	0.397	
Morning/evening person (chronotype)	MASLD	rs1011 8767	T	C	0.014	0.003	4.50	0.018	0.028	0.525	
Morning/evening person (chronotype)	MASLD	rs1014 9448	G	A	0.012	0.002	3.00	0.011	0.024	0.657	
Morning/evening person (chronotype)	MASLD	rs1017 5975	T	C	-0.018	0.003	4.40	-0.031	0.032	0.341	
Morning/evening person (chronotype)	MASLD	rs1028 0205	C	T	0.013	0.002	1.50	0.020	0.025	0.425	
Morning/evening person (chronotype)	MASLD	rs1040 2849	T	C	-0.015	0.003	2.30	-0.059	0.027	0.026	
Morning/evening person (chronotype)	MASLD	rs1046 0095	A	G	-0.013	0.002	8.10	0.053	0.024	0.029	
Morning/evening person (chronotype)	MASLD	rs1046 1917	C	T	0.012	0.002	2.50	-0.011	0.028	0.693	
Morning/evening person (chronotype)	MASLD	rs1056 322	G	C	0.013	0.002	6.60	-0.037	0.025	0.152	
Morning/evening person (chronotype)	MASLD	rs1073 7452	T	C	0.014	0.002	7.90	0.012	0.025	0.641	
Morning/evening person (chronotype)	MASLD	rs1074 2179	G	A	0.013	0.002	2.60	0.016	0.028	0.570	
Morning/evening person (chronotype)	MASLD	rs1095 4933	G	A	-0.015	0.002	6.00	0.029	0.025	0.248	
Morning/evening person (chronotype)	MASLD	rs1098 8239	T	C	0.013	0.002	4.70	0.041	0.024	0.090	
Morning/evening person (chronotype)	MASLD	rs1103 2362	A	G	-0.026	0.004	1.20	0.020	0.053	0.705	
Morning/evening person (chronotype)	MASLD	rs1117 61918	A	G	0.022	0.004	4.80	0.010	0.039	0.803	
Morning/evening person (chronotype)	MASLD	rs1118 1153	T	C	0.018	0.002	2.90	-0.004	0.024	0.864	
Morning/evening person (chronotype)	MASLD	rs1118 3201	C	T	-0.013	0.002	2.40	-0.002	0.024	0.945	
Morning/evening person (chronotype)	MASLD	rs1125 55644	T	C	-0.029	0.004	1.30	0.025	0.045	0.570	
Morning/evening person (chronotype)	MASLD	rs1131 71806	C	T	0.018	0.003	1.40	0.086	0.038	0.023	
Morning/evening person (chronotype)	MASLD	rs1135 946	C	T	0.017	0.002	6.90	-0.030	0.028	0.271	
Morning/evening person (chronotype)	MASLD	rs1148 48860	T	A	-0.041	0.007	3.90	0.173	0.074	0.020	
Morning/evening person (chronotype)	MASLD	rs1148 70822	A	G	-0.049	0.009	4.60	-0.051	0.107	0.632	
Morning/evening person (chronotype)	MASLD	rs1158	A	G	-0.019	0.002	1.20	-0.015	0.024	0.536	

person (chronotype)		7758					E-19			
Morning/evening	MASLD	rs1161	T	C	-0.023	0.004	8.00	0.040	0.074	0.595
person (chronotype)		31939					E-10			
Morning/evening	MASLD	rs1171	T	C	0.012	0.002	1.30	0.014	0.024	0.554
person (chronotype)		4441					E-08			
Morning/evening	MASLD	rs1211	A	G	0.024	0.004	2.40	-0.039	0.041	0.342
person (chronotype)		7333					E-10			
Morning/evening	MASLD	rs1214	T	G	0.027	0.004	4.20	-0.050	0.045	0.264
person (chronotype)		0153					E-14			
Morning/evening	MASLD	rs1224	T	G	0.019	0.003	1.00	-0.009	0.040	0.813
person (chronotype)		9410					E-08			
Morning/evening	MASLD	rs1237	C	A	0.016	0.002	4.80	-0.016	0.027	0.544
person (chronotype)		7175					E-11			
Morning/evening	MASLD	rs1243	A	C	-0.012	0.002	9.70	0.011	0.024	0.651
person (chronotype)		2176					E-09			
Morning/evening	MASLD	rs1246	T	C	0.013	0.002	1.90	0.042	0.026	0.103
person (chronotype)		2111					E-10			
Morning/evening	MASLD	rs1252	C	T	0.012	0.002	1.90	-0.032	0.025	0.196
person (chronotype)		5312					E-09			
Morning/evening	MASLD	rs1271	G	A	0.026	0.004	1.90	0.036	0.035	0.305
person (chronotype)		3014					E-09			
Morning/evening	MASLD	rs1281	G	A	0.013	0.002	2.40	-0.016	0.024	0.497
person (chronotype)		1046					E-10			
Morning/evening	MASLD	rs1292	G	A	0.021	0.002	3.20	0.028	0.025	0.268
person (chronotype)		7162					E-20			
Morning/evening	MASLD	rs1296	G	A	0.016	0.002	2.00	0.033	0.024	0.174
person (chronotype)		5577					E-13			
Morning/evening	MASLD	rs1296	T	C	-0.016	0.002	9.60	-0.032	0.024	0.188
person (chronotype)		9848					E-16			
Morning/evening	MASLD	rs1297	A	G	0.013	0.002	6.60	-0.006	0.024	0.790
person (chronotype)		1913					E-10			
Morning/evening	MASLD	rs1301	G	C	-0.017	0.002	1.80	-0.020	0.029	0.484
person (chronotype)		1556					E-12			
Morning/evening	MASLD	rs1325	A	G	-0.016	0.003	5.00	0.021	0.034	0.538
person (chronotype)		8797					E-09			
Morning/evening	MASLD	rs1331	T	G	-0.014	0.002	6.80	0.001	0.028	0.966
person (chronotype)		6611					E-09			
Morning/evening	MASLD	rs1389	T	C	-0.026	0.004	3.10	0.021	0.061	0.733
person (chronotype)		64083					E-09			
Morning/evening	MASLD	rs1399	T	C	0.018	0.002	2.00	0.022	0.024	0.377
person (chronotype)		11					E-17			
Morning/evening	MASLD	rs1439	C	G	0.012	0.002	1.40	0.026	0.025	0.297
person (chronotype)		319					E-08			
Morning/evening	MASLD	rs1477	T	C	0.016	0.002	5.20	0.035	0.028	0.206
person (chronotype)		62489					E-12			
Morning/evening	MASLD	rs1496	C	T	0.059	0.010	8.90	0.027	0.080	0.737

person (chronotype)		11468					E-10				
Morning/evening	MASLD	rs1716	C	T	0.015	0.002	4.70	0.023	0.026	0.390	
person (chronotype)		1045					E-13				
Morning/evening	MASLD	rs1744	T	C	-0.016	0.002	7.90	-0.040	0.028	0.159	
person (chronotype)		8682					E-12				
Morning/evening	MASLD	rs1751	A	G	0.012	0.002	1.30	0.034	0.024	0.156	
person (chronotype)		7					E-08				
Morning/evening	MASLD	rs1757	A	G	0.016	0.003	4.00	0.005	0.030	0.877	
person (chronotype)		5798					E-10				
Morning/evening	MASLD	rs1760	A	G	0.022	0.003	1.40	0.023	0.028	0.408	
person (chronotype)		4349					E-16				
Morning/evening	MASLD	rs1771	T	C	-0.019	0.003	1.20	-0.027	0.031	0.382	
person (chronotype)		6502					E-13				
Morning/evening	MASLD	rs1778	C	G	0.016	0.003	2.90	0.016	0.035	0.651	
person (chronotype)		6957					E-09				
Morning/evening	MASLD	rs1800	G	C	0.013	0.002	2.00	-0.036	0.030	0.235	
person (chronotype)		828					E-08				
Morning/evening	MASLD	rs1874	G	A	0.012	0.002	1.80	-0.016	0.025	0.528	
person (chronotype)		493					E-08				
Morning/evening	MASLD	rs1914	A	T	0.021	0.003	3.30	-0.006	0.044	0.888	
person (chronotype)		772					E-10				
Morning/evening	MASLD	rs1927	A	T	-0.014	0.002	6.70	-0.056	0.027	0.039	
person (chronotype)		719					E-09				
Morning/evening	MASLD	rs1972	G	A	0.012	0.002	3.10	0.018	0.024	0.450	
person (chronotype)		73					E-09				
Morning/evening	MASLD	rs1976	C	A	-0.014	0.002	6.40	0.005	0.024	0.823	
person (chronotype)		423					E-12				
Morning/evening	MASLD	rs1983	T	C	0.013	0.002	8.50	-0.023	0.026	0.378	
person (chronotype)		891					E-09				
Morning/evening	MASLD	rs1996	A	G	-0.012	0.002	4.30	-0.020	0.029	0.503	
person (chronotype)		399					E-08				
Morning/evening	MASLD	rs2021	T	C	0.019	0.002	1.70	-0.088	0.029	0.002	
person (chronotype)		57					E-17				
Morning/evening	MASLD	rs2072	C	T	0.012	0.002	1.40	0.052	0.024	0.032	
person (chronotype)		727					E-08				
Morning/evening	MASLD	rs2077	T	C	-0.013	0.002	5.70	0.037	0.027	0.166	
person (chronotype)		432					E-09				
Morning/evening	MASLD	rs2239	C	T	-0.014	0.002	3.30	-0.008	0.029	0.770	
person (chronotype)		626					E-10				
Morning/evening	MASLD	rs2252	G	T	0.015	0.003	2.20	0.022	0.032	0.496	
person (chronotype)		98					E-08				
Morning/evening	MASLD	rs2291	G	T	0.015	0.002	4.50	-0.021	0.026	0.422	
person (chronotype)		589					E-13				
Morning/evening	MASLD	rs2364	G	A	-0.013	0.002	3.70	-0.023	0.024	0.351	
person (chronotype)		972					E-10				
Morning/evening	MASLD	rs2518	C	T	0.031	0.004	2.60	0.007	0.050	0.891	

person (chronotype)		022					E-17			
Morning/evening	MASLD	rs2653	G	A	0.028	0.002	2.90	-0.001	0.030	0.966
person (chronotype)		349					E-30			
Morning/evening	MASLD	rs2701	C	T	0.011	0.002	3.20	-0.017	0.027	0.515
person (chronotype)		524					E-08			
Morning/evening	MASLD	rs2706	T	C	0.018	0.003	2.30	-0.017	0.047	0.713
person (chronotype)		762					E-10			
Morning/evening	MASLD	rs2712	T	C	-0.016	0.003	1.80	-0.016	0.035	0.646
person (chronotype)		056					E-09			
Morning/evening	MASLD	rs2762	G	T	-0.014	0.002	1.60	-0.022	0.028	0.433
person (chronotype)		088					E-09			
Morning/evening	MASLD	rs2838	T	A	0.015	0.002	2.50	-0.030	0.026	0.244
person (chronotype)		0327					E-13			
Morning/evening	MASLD	rs2845	T	C	0.030	0.003	5.20	0.003	0.031	0.915
person (chronotype)		8909					E-22			
Morning/evening	MASLD	rs2850	G	A	-0.019	0.002	3.10	0.006	0.025	0.821
person (chronotype)		298					E-17			
Morning/evening	MASLD	rs2868	C	T	0.012	0.002	9.40	-0.001	0.025	0.958
person (chronotype)		08					E-09			
Morning/evening	MASLD	rs2881	T	C	-0.014	0.002	2.00	0.043	0.028	0.125
person (chronotype)		955					E-09			
Morning/evening	MASLD	rs2893	A	G	0.015	0.002	1.90	0.011	0.028	0.704
person (chronotype)		787					E-10			
Morning/evening	MASLD	rs2971	G	T	0.015	0.002	8.00	-0.044	0.033	0.180
person (chronotype)		970					E-10			
Morning/evening	MASLD	rs3100	G	A	0.012	0.002	5.20	0.020	0.024	0.403
person (chronotype)		052					E-09			
Morning/evening	MASLD	rs3168	A	G	0.015	0.002	3.20	-0.048	0.027	0.073
person (chronotype)		135					E-10			
Morning/evening	MASLD	rs3424	T	C	0.012	0.002	2.90	0.062	0.028	0.028
person (chronotype)		4172					E-08			
Morning/evening	MASLD	rs3510	G	A	0.024	0.004	8.50	0.099	0.033	0.003
person (chronotype)		1255					E-11			
Morning/evening	MASLD	rs3552	A	G	-0.012	0.002	1.30	-0.003	0.026	0.918
person (chronotype)		4253					E-08			
Morning/evening	MASLD	rs3729	T	C	-0.019	0.003	1.70	0.069	0.039	0.078
person (chronotype)		986					E-08			
Morning/evening	MASLD	rs3760	T	C	0.019	0.002	2.20	-0.023	0.030	0.451
person (chronotype)		185					E-15			
Morning/evening	MASLD	rs3808	T	G	-0.012	0.002	1.00	0.004	0.024	0.861
person (chronotype)		964					E-08			
Morning/evening	MASLD	rs4141	A	G	0.012	0.002	1.20	-0.004	0.024	0.881
person (chronotype)		920					E-08			
Morning/evening	MASLD	rs4237	T	C	-0.012	0.002	9.40	0.008	0.025	0.750
person (chronotype)		555					E-09			
Morning/evening	MASLD	rs4241	G	T	-0.015	0.002	1.00	0.016	0.024	0.493

person (chronotype)		964					E-13			
Morning/evening	MASLD	rs4321	C	T	0.017	0.002	2.30	0.009	0.033	0.786
person (chronotype)		976					E-12			
Morning/evening	MASLD	rs4484	G	A	0.014	0.002	4.80	-0.031	0.025	0.220
person (chronotype)		214					E-10			
Morning/evening	MASLD	rs4518	C	T	-0.015	0.002	6.30	0.025	0.024	0.292
person (chronotype)		438					E-14			
Morning/evening	MASLD	rs4549	C	T	-0.015	0.002	5.50	0.026	0.025	0.284
person (chronotype)		082					E-14			
Morning/evening	MASLD	rs4671	C	T	-0.012	0.002	2.00	0.024	0.025	0.341
person (chronotype)		379					E-09			
Morning/evening	MASLD	rs4864	A	G	0.012	0.002	3.70	-0.005	0.025	0.854
person (chronotype)		16					E-08			
Morning/evening	MASLD	rs4886	A	G	0.012	0.002	3.50	-0.009	0.025	0.719
person (chronotype)		947					E-08			
Morning/evening	MASLD	rs4936	G	A	-0.014	0.002	2.10	0.001	0.024	0.983
person (chronotype)		291					E-10			
Morning/evening	MASLD	rs4949	G	A	-0.023	0.004	2.30	-0.007	0.033	0.840
person (chronotype)		980					E-08			
Morning/evening	MASLD	rs5094	C	T	0.088	0.006	8.10	-0.053	0.096	0.580
person (chronotype)		76					E-49			
Morning/evening	MASLD	rs5607	T	C	-0.012	0.002	8.90	-0.018	0.025	0.475
person (chronotype)		6457					E-09			
Morning/evening	MASLD	rs5637	T	C	0.012	0.002	6.30	-0.017	0.025	0.508
person (chronotype)		2114					E-09			
Morning/evening	MASLD	rs5743	T	C	0.041	0.004	8.50	0.016	0.034	0.645
person (chronotype)		5966					E-30			
Morning/evening	MASLD	rs5799	C	T	-0.013	0.002	7.80	0.012	0.028	0.667
person (chronotype)		4353					E-09			
Morning/evening	MASLD	rs6105	G	C	-0.015	0.002	4.60	0.001	0.033	0.965
person (chronotype)		90					E-09			
Morning/evening	MASLD	rs6131	G	A	-0.014	0.002	4.50	-0.022	0.025	0.375
person (chronotype)		942					E-12			
Morning/evening	MASLD	rs6177	T	G	-0.026	0.003	1.30	-0.047	0.028	0.094
person (chronotype)		3390					E-23			
Morning/evening	MASLD	rs6208	G	C	-0.020	0.003	9.60	0.005	0.029	0.866
person (chronotype)		2401					E-15			
Morning/evening	MASLD	rs6218	T	C	0.013	0.002	5.50	0.000	0.026	0.999
person (chronotype)		2115					E-10			
Morning/evening	MASLD	rs6219	A	T	0.012	0.002	1.30	0.038	0.025	0.130
person (chronotype)		8772					E-08			
Morning/evening	MASLD	rs6255	T	C	0.038	0.006	1.10	0.163	0.110	0.140
person (chronotype)		3781					E-11			
Morning/evening	MASLD	rs6441	A	G	-0.016	0.003	2.30	0.007	0.039	0.858
person (chronotype)		169					E-08			
Morning/evening	MASLD	rs6442	G	A	0.013	0.002	7.20	-0.014	0.027	0.592

person (chronotype)		446					E-09			
Morning/evening	MASLD	rs6504	G	A	-0.012	0.002	1.20	-0.032	0.025	0.199
person (chronotype)		758					E-09			
Morning/evening	MASLD	rs6601	T	A	0.014	0.002	4.60	-0.029	0.026	0.266
person (chronotype)		686					E-11			
Morning/evening	MASLD	rs6658	A	G	-0.012	0.002	7.50	0.027	0.025	0.288
person (chronotype)		041					E-09			
Morning/evening	MASLD	rs6671	T	C	-0.013	0.002	1.60	-0.029	0.024	0.223
person (chronotype)		0942					E-10			
Morning/evening	MASLD	rs6718	G	A	-0.012	0.002	1.10	0.031	0.026	0.225
person (chronotype)		119					E-08			
Morning/evening	MASLD	rs6798	G	C	-0.019	0.002	1.10	-0.007	0.026	0.784
person (chronotype)		8891					E-17			
Morning/evening	MASLD	rs6967	T	C	-0.016	0.002	3.00	-0.012	0.025	0.632
person (chronotype)		481					E-14			
Morning/evening	MASLD	rs6980	T	C	-0.013	0.002	1.20	-0.002	0.025	0.953
person (chronotype)		15					E-09			
Morning/evening	MASLD	rs7148	T	C	0.012	0.002	7.40	-0.051	0.024	0.035
person (chronotype)		842					E-09			
Morning/evening	MASLD	rs7263	G	A	0.017	0.003	9.20	0.086	0.047	0.067
person (chronotype)		2979					E-10			
Morning/evening	MASLD	rs7272	G	A	-0.021	0.002	1.30	-0.024	0.033	0.457
person (chronotype)		0396					E-17			
Morning/evening	MASLD	rs7282	G	A	0.030	0.005	1.80	-0.032	0.051	0.531
person (chronotype)		9706					E-08			
Morning/evening	MASLD	rs7304	G	A	-0.015	0.002	1.10	0.003	0.028	0.917
person (chronotype)		278					E-10			
Morning/evening	MASLD	rs7308	T	C	-0.015	0.002	2.00	0.013	0.025	0.603
person (chronotype)		565					E-12			
Morning/evening	MASLD	rs7316	T	G	0.014	0.002	7.80	0.003	0.025	0.894
person (chronotype)		768					E-12			
Morning/evening	MASLD	rs7409	T	G	0.018	0.003	4.80	0.052	0.031	0.094
person (chronotype)		7630					E-10			
Morning/evening	MASLD	rs7435	G	A	0.020	0.003	9.60	-0.072	0.038	0.057
person (chronotype)		7745					E-11			
Morning/evening	MASLD	rs7547	G	A	-0.028	0.003	3.70	-0.026	0.028	0.356
person (chronotype)		493					E-26			
Morning/evening	MASLD	rs7622	C	T	-0.080	0.010	2.70	-0.093	0.070	0.185
person (chronotype)		3855					E-16			
Morning/evening	MASLD	rs7626	C	T	-0.013	0.002	1.90	0.009	0.027	0.732
person (chronotype)		349					E-08			
Morning/evening	MASLD	rs7652	G	C	0.016	0.003	8.10	0.030	0.033	0.360
person (chronotype)		260					E-09			
Morning/evening	MASLD	rs7690	C	T	-0.017	0.003	3.20	-0.022	0.033	0.511
person (chronotype)		66					E-10			
Morning/evening	MASLD	rs7735	A	G	-0.015	0.003	4.00	-0.011	0.027	0.678

person (chronotype)		794					E-09			
Morning/evening	MASLD	rs7783	A	G	-0.012	0.002	5.20	-0.017	0.024	0.478
person (chronotype)		012					E-09			
Morning/evening	MASLD	rs7959	C	T	-0.014	0.002	9.00	-0.016	0.026	0.527
person (chronotype)		983					E-12			
Morning/evening	MASLD	rs8009	T	G	0.022	0.003	1.00	-0.047	0.037	0.197
person (chronotype)		7534					E-10			
Morning/evening	MASLD	rs9291	C	T	-0.013	0.002	1.90	0.062	0.031	0.049
person (chronotype)		813					E-08			
Morning/evening	MASLD	rs9348	C	T	0.012	0.002	9.50	0.007	0.024	0.782
person (chronotype)		050					E-10			
Morning/evening	MASLD	rs9395	T	C	-0.017	0.002	4.10	-0.030	0.025	0.220
person (chronotype)		520					E-15			
Morning/evening	MASLD	rs9476	T	C	-0.013	0.002	6.50	0.006	0.024	0.805
person (chronotype)		310					E-10			
Morning/evening	MASLD	rs9573	G	A	0.053	0.006	9.70	-0.109	0.066	0.100
person (chronotype)		971					E-21			
Morning/evening	MASLD	rs9597	A	C	0.016	0.003	6.50	-0.038	0.033	0.246
person (chronotype)		250					E-10			
Morning/evening	MASLD	rs9795	G	A	0.015	0.003	7.90	-0.014	0.033	0.660
person (chronotype)		439					E-09			
Morning/evening	MASLD	rs9831	G	A	-0.014	0.002	1.10	-0.011	0.026	0.667
person (chronotype)		488					E-10			
Morning/evening	MASLD	rs9932	A	C	0.013	0.002	7.40	0.021	0.024	0.382
person (chronotype)		577					E-10			
Morning/evening	MASLD	rs9964	A	C	0.021	0.002	4.40	0.029	0.027	0.284
person (chronotype)		420					E-22			
Nap during day	MASLD	rs1001	T	C	-0.008	0.001	2.30	-0.029	0.024	0.223
		817					E-10			
Nap during day	MASLD	rs1011	G	A	-0.010	0.002	1.70	-0.073	0.029	0.012
		024					E-09			
Nap during day	MASLD	rs1015	G	A	0.010	0.002	3.70	0.036	0.034	0.297
		0432					E-11			
Nap during day	MASLD	rs1075	G	A	0.008	0.001	4.10	0.002	0.026	0.936
		7347					E-08			
Nap during day	MASLD	rs1076	A	G	-0.007	0.001	1.00	0.023	0.026	0.362
		4260					E-08			
Nap during day	MASLD	rs1083	A	T	-0.009	0.001	1.30	0.060	0.034	0.075
		5420					E-09			
Nap during day	MASLD	rs1084	G	A	-0.009	0.001	6.40	-0.022	0.033	0.499
		0017					E-09			
Nap during day	MASLD	rs1086	A	G	0.007	0.001	7.90	0.013	0.024	0.604
		8046					E-09			
Nap during day	MASLD	rs1087	A	G	0.010	0.001	1.30	0.004	0.025	0.878
		5622					E-16			
Nap during day	MASLD	rs1107	A	G	-0.007	0.001	1.90	-0.001	0.026	0.966

Nap during day	MASLD	1755 rs1112	T	C	0.007	0.001	E-08 2.40	-0.020	0.026	0.456
Nap during day	MASLD	1194 rs1112	G	T	-0.012	0.002	E-08 5.60	-0.030	0.033	0.353
Nap during day	MASLD	5776 rs1122	C	T	-0.011	0.002	E-12 1.10	0.096	0.048	0.046
Nap during day	MASLD	4896 rs1125	A	G	0.016	0.003	E-08 4.10	0.013	0.052	0.804
Nap during day	MASLD	2681 rs1125	A	C	-0.010	0.001	E-08 4.10	0.005	0.027	0.839
Nap during day	MASLD	8652 rs1138	T	C	0.018	0.003	E-12 3.00	-0.025	0.069	0.720
Nap during day	MASLD	86333 rs1161	T	C	0.018	0.001	E-08 3.70	-0.018	0.024	0.460
Nap during day	MASLD	5756 rs1204	C	T	0.009	0.002	E-48 1.80	-0.024	0.032	0.461
Nap during day	MASLD	2846 rs1214	T	G	-0.024	0.002	E-08 1.20	-0.050	0.045	0.264
Nap during day	MASLD	0153 rs1234	C	T	-0.008	0.001	E-29 1.50	0.008	0.029	0.779
Nap during day	MASLD	6996 rs1245	C	T	0.011	0.002	E-09 9.30	0.016	0.028	0.577
Nap during day	MASLD	1365 rs1261	T	C	0.012	0.002	E-13 1.80	0.017	0.035	0.640
Nap during day	MASLD	5434 rs1265	T	C	0.008	0.001	E-09 4.40	0.027	0.025	0.281
Nap during day	MASLD	7723 rs1299	G	A	-0.008	0.001	E-10 2.10	0.037	0.028	0.185
Nap during day	MASLD	2648 rs1303	G	A	0.009	0.001	E-08 4.60	-0.016	0.027	0.558
Nap during day	MASLD	3444 rs1326	G	A	-0.007	0.001	E-12 4.70	0.015	0.026	0.559
Nap during day	MASLD	6972 rs1328	C	T	0.014	0.002	E-08 1.40	0.012	0.033	0.716
Nap during day	MASLD	4688 rs1479	A	G	0.008	0.001	E-21 7.80	0.029	0.027	0.272
Nap during day	MASLD	116 rs1715	A	G	0.009	0.001	E-10 3.00	0.013	0.031	0.668
Nap during day	MASLD	8413 rs1726	C	T	0.009	0.002	E-09 7.30	0.026	0.027	0.328
Nap during day	MASLD	5513 rs1745	C	T	0.010	0.001	E-09 1.40	0.005	0.024	0.824
Nap during day	MASLD	41 rs1781	C	T	0.009	0.002	E-15 3.00	0.050	0.028	0.070
Nap during day	MASLD	6756 rs1883	C	T	0.008	0.001	E-08 2.00	-0.003	0.024	0.905

Nap during day	MASLD	048 rs2033	T	C	0.008	0.001	E-10 9.30	-0.038	0.024	0.113
Nap during day	MASLD	103 rs2099	G	A	-0.008	0.001	E-10 1.90	0.004	0.024	0.860
Nap during day	MASLD	810 rs2241	A	G	-0.008	0.001	E-10 4.60	-0.001	0.025	0.972
Nap during day	MASLD	11 rs2284	C	T	0.007	0.001	E-10 1.40	-0.042	0.024	0.082
Nap during day	MASLD	016 rs2370	C	T	-0.008	0.001	E-08 7.90	0.027	0.029	0.348
Nap during day	MASLD	926 rs2431	C	T	0.013	0.001	E-11 7.50	0.021	0.026	0.429
Nap during day	MASLD	108 rs2653	G	A	-0.016	0.001	E-22 1.00	-0.001	0.030	0.966
Nap during day	MASLD	349 rs2668	A	C	-0.021	0.001	E-27 3.40	0.026	0.043	0.547
Nap during day	MASLD	643 rs2769	A	G	0.009	0.001	E-47 3.60	0.009	0.025	0.727
Nap during day	MASLD	916 rs2786	T	C	-0.011	0.002	E-11 6.80	-0.010	0.030	0.731
Nap during day	MASLD	547 rs3426	A	C	-0.015	0.002	E-12 6.10	-0.076	0.060	0.207
Nap during day	MASLD	2487 rs3501	T	G	-0.009	0.001	E-10 1.20	-0.010	0.028	0.714
Nap during day	MASLD	1311 rs3517	C	A	0.008	0.001	E-11 5.70	-0.028	0.024	0.237
Nap during day	MASLD	76 rs3585	G	A	-0.012	0.002	E-10 5.50	-0.059	0.051	0.243
Nap during day	MASLD	1551 rs3810	G	A	-0.007	0.001	E-09 8.20	0.000	0.025	0.994
Nap during day	MASLD	484 rs3935	A	G	0.008	0.001	E-09 2.10	-0.025	0.024	0.306
Nap during day	MASLD	190 rs4000	A	G	0.008	0.001	E-11 2.80	0.014	0.028	0.617
Nap during day	MASLD	5 rs4402	G	A	-0.012	0.002	E-08 1.10	0.029	0.029	0.319
Nap during day	MASLD	351 rs4587	A	G	-0.007	0.001	E-11 3.30	-0.030	0.024	0.209
Nap during day	MASLD	762 rs4678	A	G	-0.009	0.001	E-08 1.50	-0.038	0.025	0.136
Nap during day	MASLD	97 rs4692	T	C	-0.007	0.001	E-12 1.50	0.053	0.025	0.033
Nap during day	MASLD	709 rs4856	A	G	-0.009	0.001	E-08 4.80	0.017	0.028	0.539
Nap during day	MASLD	536 rs6092	A	G	-0.007	0.001	E-10 1.80	-0.026	0.025	0.296

Nap during day	MASLD	0123 rs6149	C	A	0.011	0.001	E-09 1.30	0.006	0.026	0.815
Nap during day	MASLD	87 rs6242	T	C	0.008	0.001	E-17 1.20	-0.080	0.026	0.002
Nap during day	MASLD	5620 rs6256	T	C	0.011	0.002	E-09 1.80	0.003	0.038	0.941
Nap during day	MASLD	0863 rs6452	G	A	-0.007	0.001	E-08 3.50	0.005	0.024	0.839
Nap during day	MASLD	787 rs6483	G	A	-0.008	0.001	E-09 5.30	0.027	0.029	0.362
Nap during day	MASLD	215 rs6697	T	C	0.010	0.002	E-09 1.70	-0.003	0.027	0.916
Nap during day	MASLD	561 rs6919	G	T	-0.010	0.001	E-10 4.30	-0.023	0.026	0.390
Nap during day	MASLD	087 rs7038	G	A	0.007	0.001	E-15 4.00	0.037	0.025	0.148
Nap during day	MASLD	206 rs7191	G	A	0.008	0.001	E-09 1.30	-0.009	0.030	0.767
Nap during day	MASLD	614 rs7198	C	T	-0.007	0.001	E-08 3.00	0.028	0.025	0.256
Nap during day	MASLD	121 rs7278	G	A	-0.008	0.001	E-08 1.30	0.013	0.024	0.595
Nap during day	MASLD	1017 rs7422	T	C	-0.008	0.001	E-09 7.10	-0.035	0.027	0.189
Nap during day	MASLD	655 rs7502	T	C	-0.010	0.002	E-09 4.90	0.037	0.041	0.370
Nap during day	MASLD	2160 rs7541	T	C	-0.016	0.003	E-08 5.40	0.007	0.069	0.914
Nap during day	MASLD	1336 rs7555	T	C	-0.010	0.002	E-09 6.80	-0.034	0.034	0.313
Nap during day	MASLD	990 rs7698	G	A	0.008	0.001	E-09 4.00	0.022	0.029	0.433
Nap during day	MASLD	842 rs7715	G	A	-0.007	0.001	E-08 1.60	0.021	0.025	0.410
Nap during day	MASLD	4532 rs7752	T	C	0.008	0.001	E-08 5.70	0.007	0.024	0.760
Nap during day	MASLD	899 rs7814	T	C	-0.007	0.001	E-12 3.30	0.066	0.026	0.010
Nap during day	MASLD	873 rs7851	G	T	0.007	0.001	E-08 1.10	-0.041	0.024	0.090
Nap during day	MASLD	45 rs8050	A	G	-0.008	0.001	E-08 4.60	0.012	0.024	0.619
Nap during day	MASLD	478 rs9036	A	G	0.014	0.001	E-10 4.60	0.025	0.026	0.343
Nap during day	MASLD	78 rs9084	T	A	-0.010	0.001	E-26 4.70	-0.018	0.025	0.486

Nap during day	MASLD	42 rs9101	A	G	-0.007	0.001	1.10	0.004	0.025	0.870
Nap during day	MASLD	87 rs9467	T	A	-0.009	0.002	2.40	0.059	0.035	0.091
Nap during day	MASLD	772 rs9622	A	G	-0.008	0.001	3.60	-0.035	0.024	0.140
Nap during day	MASLD	47 rs9714	G	A	-0.011	0.002	6.30	-0.047	0.031	0.128
Nap during day	MASLD	15 rs9965	A	G	-0.014	0.001	2.30	0.007	0.024	0.775
Sleep apnoea	MASLD	170 rs1023	T	C	-0.067	0.012	1.59	0.029	0.045	0.519
Sleep apnoea	MASLD	230 rs1047	A	C	-0.039	0.007	3.89	0.004	0.027	0.870
Sleep apnoea	MASLD	7554 rs1050	T	C	0.048	0.008	9.74	-0.009	0.032	0.784
Sleep apnoea	MASLD	7084 rs1098	G	A	-0.041	0.007	5.21	-0.024	0.025	0.340
Sleep apnoea	MASLD	6727 rs1101	T	C	-0.038	0.007	7.29	0.029	0.024	0.234
Sleep apnoea	MASLD	329 rs1102	T	C	0.055	0.009	3.11	0.044	0.035	0.216
Sleep apnoea	MASLD	4012 rs1167	T	C	-0.052	0.007	2.30	-0.081	0.028	0.003
Sleep apnoea	MASLD	2660 rs1198	G	A	0.050	0.008	1.09	0.020	0.031	0.526
Sleep apnoea	MASLD	1973 rs1228	C	A	0.042	0.007	7.09	0.014	0.025	0.588
Sleep apnoea	MASLD	509 rs1249	G	C	-0.064	0.012	4.13	0.065	0.043	0.132
Sleep apnoea	MASLD	3320 rs1275	G	A	-0.048	0.007	1.58	-0.012	0.025	0.629
Sleep apnoea	MASLD	922 rs1278	G	A	-0.064	0.010	1.30	-0.023	0.037	0.530
Sleep apnoea	MASLD	9402 rs1342	C	T	-0.037	0.007	1.84	-0.004	0.024	0.873
Sleep apnoea	MASLD	8687 rs1382	A	T	-0.088	0.015	3.54	-0.036	0.055	0.510
Sleep apnoea	MASLD	24274 rs1408	T	C	-0.113	0.015	2.45	-0.061	0.056	0.277
Sleep apnoea	MASLD	96965 rs1462	T	C	-0.037	0.007	4.12	0.003	0.025	0.906
Sleep apnoea	MASLD	441 rs1683	C	T	-0.079	0.013	3.00	-0.058	0.049	0.235
Sleep apnoea	MASLD	9221 rs1918	C	T	-0.043	0.008	1.91	-0.011	0.029	0.695

Sleep apnoea	MASLD	025 rs1951	G T	-0.043	0.007	3.17	-0.013	0.024	0.598
Sleep apnoea	MASLD	725 rs2398	A C	-0.035	0.006	4.11	-0.048	0.024	0.046
Sleep apnoea	MASLD	855 rs2893	C T	0.043	0.008	3.03	0.001	0.029	0.975
Sleep apnoea	MASLD	158 rs4987	T C	-0.084	0.015	3.77	0.057	0.056	0.307
Sleep apnoea	MASLD	845 rs5758	A G	0.044	0.007	2.97	0.048	0.026	0.069
Sleep apnoea	MASLD	223 rs6070	C T	0.049	0.008	2.56	0.008	0.029	0.789
Sleep apnoea	MASLD	0772 rs6187	T G	0.041	0.007	3.55	-0.019	0.026	0.480
Sleep apnoea	MASLD	3510 rs6244	A G	0.050	0.009	3.82	0.002	0.034	0.953
Sleep apnoea	MASLD	9290 rs6478	T C	-0.035	0.006	4.23	-0.006	0.024	0.794
Sleep apnoea	MASLD	895 rs6754	C T	-0.038	0.007	8.56	-0.050	0.025	0.043
Sleep apnoea	MASLD	311 rs6955	T C	-0.045	0.007	1.45	-0.007	0.025	0.784
Sleep apnoea	MASLD	671 rs7315	C T	-0.041	0.007	1.44	0.012	0.027	0.665
Sleep apnoea	MASLD	978 rs7427	T A	-0.063	0.009	9.29	-0.118	0.033	0.000
Sleep apnoea	MASLD	60 rs7622	C A	-0.064	0.011	4.47	0.081	0.040	0.046
Sleep apnoea	MASLD	9479 rs8090	C T	0.037	0.007	2.48	0.030	0.025	0.216
HYPERSOMNIA	MASLD	34 rs1182	A G	0.512	0.109	2.71	0.043	0.050	0.385
HYPERSOMNIA	MASLD	563 rs1412	T C	1.303	0.285	4.94	0.032	0.166	0.847
HYPERSOMNIA	MASLD	85608 rs7449	T C	0.315	0.064	7.85	0.020	0.026	0.434
HYPERSOMNIA	MASLD	77 rs9512	G A	0.350	0.075	3.23	0.032	0.032	0.308
Disorder of the sleep-wake	MASLD	67 rs1221	G C	0.326	0.071	3.76	0.010	0.033	0.765
Disorder of the sleep-wake	MASLD	5949 rs1396	T C	0.479	0.103	3.50	0.023	0.052	0.658
Disorder of the sleep-wake	MASLD	21423 rs1703	G T	0.724	0.154	2.48	0.037	0.084	0.656
Disorder of the	MASLD	7731 rs1706	A G	-0.520	0.112	3.75	0.034	0.042	0.418

sleep-wake		6721					E-06			
Disorder of the	MASLD	rs1756	G	A	-1.084	0.215	4.49	0.086	0.069	0.209
sleep-wake		9450					E-07			
Disorder of the	MASLD	rs4236	G	A	1.972	0.414	1.94	0.067	0.101	0.505
sleep-wake		5					E-06			
Disorder of the	MASLD	rs7279	A	G	0.658	0.133	7.91	-0.084	0.071	0.237
sleep-wake		2649					E-07			
Disorder of the	MASLD	rs7321	G	A	0.314	0.068	3.83	0.007	0.032	0.828
sleep-wake		1520					E-06			
Disorder of the	MASLD	rs7911	T	C	1.012	0.207	9.85	-0.150	0.128	0.242
sleep-wake		6950					E-07			
MASLD	Trouble falling	rs1015	C	T	-0.122	0.025	1.67	-0.003	0.003	0.337
	asleep	445					E-06			
MASLD	Trouble falling	rs1128	A	G	-0.184	0.025	1.31	-0.006	0.003	0.049
	asleep	75651					E-13			
MASLD	Trouble falling	rs1244	G	A	-0.134	0.028	2.39	-0.002	0.003	0.600
	asleep	4598					E-06			
MASLD	Trouble falling	rs1248	G	A	-0.135	0.028	1.80	0.000	0.003	0.929
	asleep	8765					E-06			
MASLD	Trouble falling	rs1849	A	G	0.300	0.060	5.46	-0.014	0.010	0.184
	asleep	39711					E-07			
MASLD	Trouble falling	rs2285	A	G	0.199	0.031	1.12	0.005	0.005	0.313
	asleep	107					E-10			
MASLD	Trouble falling	rs2440	C	T	-0.136	0.025	5.64	0.002	0.003	0.520
	asleep	807					E-08			
MASLD	Trouble falling	rs2745	C	T	0.200	0.041	1.31	0.006	0.006	0.327
	asleep	359					E-06			
MASLD	Trouble falling	rs2863	T	C	-0.179	0.030	2.18	0.000	0.003	0.956
	asleep	6836					E-09			
MASLD	Trouble falling	rs3747	A	G	0.468	0.026	8.36	0.000	0.003	0.981
	asleep	207					E-74			
MASLD	Trouble falling	rs5764	G	A	0.141	0.028	3.46	-0.002	0.004	0.618
	asleep	406					E-07			
MASLD	Trouble falling	rs6054	G	T	-0.367	0.073	5.04	-0.004	0.007	0.562
	asleep	9462					E-07			
MASLD	Trouble falling	rs6543	A	T	0.122	0.024	5.29	-0.002	0.003	0.490
	asleep	124					E-07			
MASLD	Trouble falling	rs6931	G	T	0.380	0.078	1.10	0.002	0.008	0.846
	asleep	90					E-06			
MASLD	Trouble falling	rs7302	G	C	-0.221	0.041	6.37	-0.005	0.004	0.222
	asleep	7058					E-08			
MASLD	Trouble falling	rs7311	C	T	-0.222	0.044	4.75	-0.007	0.005	0.174
	asleep	5877					E-07			
MASLD	Trouble falling	rs7800	C	T	-0.119	0.025	1.51	0.003	0.003	0.357
	asleep	93					E-06			
MASLD	Trouble falling	rs7857	G	T	-0.164	0.033	9.08	-0.002	0.005	0.763

	asleep	2354					E-07			
MASLD	Trouble falling asleep	rs8023	C	T	-0.126	0.026	1.55	-0.003	0.003	0.360
		151					E-06			
MASLD	Trouble falling asleep	rs8100	A	G	0.309	0.031	6.08	0.007	0.004	0.090
		204					E-24			
MASLD	Sleep duration (undersleepers)	rs1015	C	T	-0.122	0.025	1.67	0.001	0.002	0.510
		445					E-06			
MASLD	Sleep duration (undersleepers)	rs1128	A	G	-0.184	0.025	1.31	-0.001	0.002	0.440
		75651					E-13			
MASLD	Sleep duration (undersleepers)	rs1130	C	G	-0.514	0.082	4.28	0.000	0.011	1.000
		92519					E-10			
MASLD	Sleep duration (undersleepers)	rs1248	G	A	-0.135	0.028	1.80	-0.004	0.002	0.093
		8765					E-06			
MASLD	Sleep duration (undersleepers)	rs1261	T	C	-0.316	0.068	3.70	0.006	0.008	0.490
		4574					E-06			
MASLD	Sleep duration (undersleepers)	rs1491	G	A	-0.332	0.071	2.81	0.010	0.007	0.140
		07791					E-06			
MASLD	Sleep duration (undersleepers)	rs1849	A	G	0.300	0.060	5.46	0.002	0.007	0.720
		39711					E-07			
MASLD	Sleep duration (undersleepers)	rs2285	A	G	0.199	0.031	1.12	-0.008	0.003	0.015
		107					E-10			
MASLD	Sleep duration (undersleepers)	rs2440	C	T	-0.136	0.025	5.64	0.001	0.002	0.660
		807					E-08			
MASLD	Sleep duration (undersleepers)	rs2803	G	A	-0.119	0.025	2.56	0.002	0.002	0.370
		609					E-06			
MASLD	Sleep duration (undersleepers)	rs2842	A	G	0.112	0.024	2.69	0.000	0.002	0.840
		9148					E-06			
MASLD	Sleep duration (undersleepers)	rs2863	T	C	-0.179	0.030	2.18	-0.001	0.002	0.530
		6836					E-09			
MASLD	Sleep duration (undersleepers)	rs3747	A	G	0.468	0.026	8.36	-0.004	0.002	0.088
		207					E-74			
MASLD	Sleep duration (undersleepers)	rs6054	G	T	-0.367	0.073	5.04	-0.010	0.004	0.019
		9462					E-07			
MASLD	Sleep duration (undersleepers)	rs6543	A	T	0.122	0.024	5.29	0.000	0.002	0.990
		124					E-07			
MASLD	Sleep duration (undersleepers)	rs6931	G	T	0.380	0.078	1.10	-0.002	0.005	0.680
		90					E-06			
MASLD	Sleep duration (undersleepers)	rs7032	C	T	-0.110	0.024	4.75	0.002	0.002	0.360
		795					E-06			
MASLD	Sleep duration (undersleepers)	rs7302	G	C	-0.221	0.041	6.37	0.000	0.003	0.960
		7058					E-08			
MASLD	Sleep duration (undersleepers)	rs7311	C	T	-0.222	0.044	4.75	0.001	0.003	0.860
		5877					E-07			
MASLD	Sleep duration (undersleepers)	rs7800	C	T	-0.119	0.025	1.51	0.001	0.002	0.590
		93					E-06			
MASLD	Sleep duration	rs7857	G	T	-0.164	0.033	9.08	-0.002	0.003	0.620

MASLD	(undersleepers)	2354					E-07			
MASLD	Sleep duration	rs8023	C	T	-0.126	0.026	1.55	-0.002	0.002	0.270
MASLD	(undersleepers)	151					E-06			
MASLD	Sleep duration	rs8100	A	G	0.309	0.031	6.08	0.000	0.003	0.970
MASLD	(undersleepers)	204					E-24			
MASLD	Sleep duration	rs1015	C	T	-0.122	0.025	1.67	0.001	0.001	0.490
MASLD	(oversleepers)	445					E-06			
MASLD	Sleep duration	rs1128	A	G	-0.184	0.025	1.31	-0.002	0.001	0.170
MASLD	(oversleepers)	75651					E-13			
MASLD	Sleep duration	rs1130	C	G	-0.514	0.082	4.28	0.013	0.009	0.130
MASLD	(oversleepers)	92519					E-10			
MASLD	Sleep duration	rs1244	G	A	-0.134	0.028	2.39	0.000	0.002	0.920
MASLD	(oversleepers)	4598					E-06			
MASLD	Sleep duration	rs1248	G	A	-0.135	0.028	1.80	0.002	0.002	0.150
MASLD	(oversleepers)	8765					E-06			
MASLD	Sleep duration	rs1261	T	C	-0.316	0.068	3.70	-0.002	0.006	0.790
MASLD	(oversleepers)	4574					E-06			
MASLD	Sleep duration	rs1491	G	A	-0.332	0.071	2.81	0.000	0.005	0.940
MASLD	(oversleepers)	07791					E-06			
MASLD	Sleep duration	rs1849	A	G	0.300	0.060	5.46	-0.005	0.005	0.350
MASLD	(oversleepers)	39711					E-07			
MASLD	Sleep duration	rs2285	A	G	0.199	0.031	1.12	-0.002	0.003	0.470
MASLD	(oversleepers)	107					E-10			
MASLD	Sleep duration	rs2440	C	T	-0.136	0.025	5.64	-0.001	0.002	0.500
MASLD	(oversleepers)	807					E-08			
MASLD	Sleep duration	rs2803	G	A	-0.119	0.025	2.56	0.000	0.002	0.850
MASLD	(oversleepers)	609					E-06			
MASLD	Sleep duration	rs2863	T	C	-0.179	0.030	2.18	0.004	0.002	0.017
MASLD	(oversleepers)	6836					E-09			
MASLD	Sleep duration	rs3747	A	G	0.468	0.026	8.36	-0.002	0.002	0.340
MASLD	(oversleepers)	207					E-74			
MASLD	Sleep duration	rs5764	G	A	0.141	0.028	3.46	-0.003	0.002	0.190
MASLD	(oversleepers)	406					E-07			
MASLD	Sleep duration	rs6054	G	T	-0.367	0.073	5.04	0.003	0.003	0.450
MASLD	(oversleepers)	9462					E-07			
MASLD	Sleep duration	rs6931	G	T	0.380	0.078	1.10	0.001	0.004	0.820
MASLD	(oversleepers)	90					E-06			
MASLD	Sleep duration	rs7032	C	T	-0.110	0.024	4.75	0.002	0.001	0.180
MASLD	(oversleepers)	795					E-06			
MASLD	Sleep duration	rs7311	C	T	-0.222	0.044	4.75	-0.003	0.003	0.280
MASLD	(oversleepers)	5877					E-07			
MASLD	Sleep duration	rs7800	C	T	-0.119	0.025	1.51	0.000	0.001	0.760
MASLD	(oversleepers)	93					E-06			
MASLD	Sleep duration	rs7857	G	T	-0.164	0.033	9.08	0.000	0.002	0.870
MASLD	(oversleepers)	2354					E-07			
MASLD	Sleep duration	rs8023	C	T	-0.126	0.026	1.55	-0.002	0.001	0.110

MASLD	(oversleepers) Sleep duration	151 rs8100	A	G	0.309	0.031	E-06 6.08	0.003	0.002	0.150
MASLD	(oversleepers) Daytime dozing	204 rs1015	C	T	-0.122	0.025	E-24 1.67	0.000	0.001	0.790
MASLD	Daytime dozing	445 rs1128	A	G	-0.184	0.025	E-06 1.31	-0.001	0.001	0.300
MASLD	Daytime dozing	75651 rs1244	G	A	-0.134	0.028	E-13 2.39	0.001	0.001	0.360
MASLD	Daytime dozing	4598 rs1248	G	A	-0.135	0.028	E-06 1.80	0.002	0.001	0.088
MASLD	Daytime dozing	8765 rs1261	T	C	-0.316	0.068	E-06 3.70	0.004	0.005	0.420
MASLD	Daytime dozing	4574 rs1491	G	A	-0.332	0.071	E-06 2.81	0.000	0.004	0.980
MASLD	Daytime dozing	07791 rs2285	A	G	0.199	0.031	E-06 1.12	0.001	0.002	0.650
MASLD	Daytime dozing	107 rs2440	C	T	-0.136	0.025	E-10 5.64	0.000	0.001	0.990
MASLD	Daytime dozing	807 rs2745	C	T	0.200	0.041	E-08 1.31	0.001	0.002	0.740
MASLD	Daytime dozing	359 rs2863	T	C	-0.179	0.030	E-06 2.18	0.001	0.001	0.620
MASLD	Daytime dozing	6836 rs3747	A	G	0.468	0.026	E-09 8.36	-0.003	0.001	0.022
MASLD	Daytime dozing	207 rs5764	G	A	0.141	0.028	E-74 3.46	-0.001	0.001	0.730
MASLD	Daytime dozing	406 rs6054	G	T	-0.367	0.073	E-07 5.04	0.000	0.003	0.960
MASLD	Daytime dozing	9462 rs6543	A	T	0.122	0.024	E-07 5.29	0.000	0.001	0.720
MASLD	Daytime dozing	124 rs6931	G	T	0.380	0.078	E-07 1.10	0.002	0.003	0.580
MASLD	Daytime dozing	90 rs7032	C	T	-0.110	0.024	E-06 4.75	0.002	0.001	0.150
MASLD	Daytime dozing	795 rs7302	G	C	-0.221	0.041	E-06 6.37	0.000	0.002	0.780
MASLD	Daytime dozing	7058 rs7311	C	T	-0.222	0.044	E-08 4.75	-0.003	0.002	0.140
MASLD	Daytime dozing	5877 rs8023	C	T	-0.126	0.026	E-07 1.55	0.000	0.001	0.820
MASLD	Morning/evening person (chronotype)	151 rs1015	C	T	-0.122	0.025	E-06 1.67	0.000	0.002	0.830
MASLD	Morning/evening person (chronotype)	445 rs1128	A	G	-0.184	0.025	E-06 1.31	0.002	0.002	0.250
MASLD	Morning/evening	75651 rs1244	G	A	-0.134	0.028	E-13 2.39	0.000	0.002	0.940

	person (chronotype)	4598						E-06			
MASLD	Morning/evening	rs1248	G	A	-0.135	0.028	1.80	0.004	0.002	0.080	
	person (chronotype)	8765						E-06			
MASLD	Morning/evening	rs1261	T	C	-0.316	0.068	3.70	0.006	0.009	0.490	
	person (chronotype)	4574						E-06			
MASLD	Morning/evening	rs1491	G	A	-0.332	0.071	2.81	0.002	0.007	0.830	
	person (chronotype)	07791						E-06			
MASLD	Morning/evening	rs2285	A	G	0.199	0.031	1.12	0.002	0.004	0.530	
	person (chronotype)	107						E-10			
MASLD	Morning/evening	rs2440	C	T	-0.136	0.025	5.64	-0.002	0.002	0.410	
	person (chronotype)	807						E-08			
MASLD	Morning/evening	rs2745	C	T	0.200	0.041	1.31	-0.004	0.004	0.400	
	person (chronotype)	359						E-06			
MASLD	Morning/evening	rs2863	T	C	-0.179	0.030	2.18	0.001	0.002	0.750	
	person (chronotype)	6836						E-09			
MASLD	Morning/evening	rs3747	A	G	0.468	0.026	8.36	-0.004	0.002	0.140	
	person (chronotype)	207						E-74			
MASLD	Morning/evening	rs5764	G	A	0.141	0.028	3.46	0.003	0.003	0.350	
	person (chronotype)	406						E-07			
MASLD	Morning/evening	rs6054	G	T	-0.367	0.073	5.04	0.000	0.005	1.000	
	person (chronotype)	9462						E-07			
MASLD	Morning/evening	rs6543	A	T	0.122	0.024	5.29	-0.002	0.002	0.400	
	person (chronotype)	124						E-07			
MASLD	Morning/evening	rs6931	G	T	0.380	0.078	1.10	-0.006	0.006	0.330	
	person (chronotype)	90						E-06			
MASLD	Morning/evening	rs7032	C	T	-0.110	0.024	4.75	0.004	0.002	0.063	
	person (chronotype)	795						E-06			
MASLD	Morning/evening	rs7302	G	C	-0.221	0.041	6.37	-0.010	0.003	0.002	
	person (chronotype)	7058						E-08			
MASLD	Morning/evening	rs7311	C	T	-0.222	0.044	4.75	0.002	0.004	0.580	
	person (chronotype)	5877						E-07			
MASLD	Morning/evening	rs7800	C	T	-0.119	0.025	1.51	-0.001	0.002	0.540	
	person (chronotype)	93						E-06			
MASLD	Morning/evening	rs8023	C	T	-0.126	0.026	1.55	0.002	0.002	0.320	
	person (chronotype)	151						E-06			
MASLD	Nap during day	rs1015	C	T	-0.122	0.025	1.67	-0.001	0.001	0.570	
		445						E-06			
MASLD	Nap during day	rs1128	A	G	-0.184	0.025	1.31	0.000	0.001	0.810	
		75651						E-13			
MASLD	Nap during day	rs1244	G	A	-0.134	0.028	2.39	0.001	0.001	0.500	
		4598						E-06			
MASLD	Nap during day	rs1248	G	A	-0.135	0.028	1.80	0.003	0.001	0.034	
		8765						E-06			
MASLD	Nap during day	rs1261	T	C	-0.316	0.068	3.70	0.001	0.006	0.830	
		4574						E-06			
MASLD	Nap during day	rs1491	G	A	-0.332	0.071	2.81	-0.010	0.004	0.022	

MASLD	Nap during day	07791 rs2285	A	G	0.199	0.031	1.12	-0.002	0.002	0.390
MASLD	Nap during day	107 rs2440	C	T	-0.136	0.025	5.64	0.001	0.001	0.690
MASLD	Nap during day	807 rs2745	C	T	0.200	0.041	1.31	0.003	0.003	0.200
MASLD	Nap during day	359 rs2863	T	C	-0.179	0.030	2.18	-0.002	0.001	0.083
MASLD	Nap during day	6836 rs3747	A	G	0.468	0.026	8.36	0.000	0.001	0.850
MASLD	Nap during day	207 rs5764	G	A	0.141	0.028	3.46	0.001	0.002	0.700
MASLD	Nap during day	406 rs6054	G	T	-0.367	0.073	5.04	0.003	0.003	0.340
MASLD	Nap during day	9462 rs6543	A	T	0.122	0.024	5.29	-0.001	0.001	0.670
MASLD	Nap during day	124 rs6931	G	T	0.380	0.078	1.10	0.008	0.004	0.032
MASLD	Nap during day	90 rs7032	C	T	-0.110	0.024	4.75	-0.001	0.001	0.420
MASLD	Nap during day	795 rs7302	G	C	-0.221	0.041	6.37	0.001	0.002	0.590
MASLD	Nap during day	7058 rs7311	C	T	-0.222	0.044	4.75	0.002	0.002	0.480
MASLD	Nap during day	5877 rs8023	C	T	-0.126	0.026	1.55	-0.002	0.001	0.230
MASLD	Sleep apnoea	151 rs1015	C	T	-0.122	0.025	1.67	0.008	0.007	0.293
MASLD	Sleep apnoea	445 rs1128	A	G	-0.184	0.025	1.31	0.010	0.007	0.172
MASLD	Sleep apnoea	75651 rs1130	C	G	-0.514	0.082	4.28	0.028	0.020	0.162
MASLD	Sleep apnoea	92519 rs1244	G	A	-0.134	0.028	2.39	0.017	0.008	0.042
MASLD	Sleep apnoea	4598 rs1248	G	A	-0.135	0.028	1.80	-0.004	0.008	0.634
MASLD	Sleep apnoea	8765 rs1261	T	C	-0.316	0.068	3.70	-0.010	0.018	0.551
MASLD	Sleep apnoea	4574 rs1491	G	A	-0.332	0.071	2.81	-0.033	0.018	0.075
MASLD	Sleep apnoea	07791 rs1849	A	G	0.300	0.060	5.46	0.022	0.019	0.241
MASLD	Sleep apnoea	39711 rs1996	C	T	-0.148	0.032	4.35	-0.014	0.009	0.127
MASLD	Sleep apnoea	16596 rs2285	A	G	0.199	0.031	1.12	0.003	0.009	0.710

MASLD	Sleep apnoea	107 rs2440	C	T	-0.136	0.025	5.64 E-10	-0.006	0.007	0.433
MASLD	Sleep apnoea	807 rs2745	C	T	0.200	0.041	1.31 E-08	0.014	0.012	0.270
MASLD	Sleep apnoea	359 rs2803	G	A	-0.119	0.025	2.56 E-06	0.011	0.007	0.125
MASLD	Sleep apnoea	609 rs2863	T	C	-0.179	0.030	2.18 E-06	0.006	0.008	0.500
MASLD	Sleep apnoea	6836 rs3747	A	G	0.468	0.026	8.36 E-09	-0.014	0.008	0.094
MASLD	Sleep apnoea	207 rs5764	G	A	0.141	0.028	3.46 E-74	-0.011	0.008	0.176
MASLD	Sleep apnoea	406 rs6054	G	T	-0.367	0.073	5.04 E-07	-0.033	0.019	0.080
MASLD	Sleep apnoea	9462 rs6543	A	T	0.122	0.024	5.29 E-07	-0.011	0.007	0.127
MASLD	Sleep apnoea	124 rs6931	G	T	0.380	0.078	1.10 E-07	0.025	0.025	0.325
MASLD	Sleep apnoea	90 rs7032	C	T	-0.110	0.024	4.75 E-06	0.000	0.007	0.952
MASLD	Sleep apnoea	795 rs7302	G	C	-0.221	0.041	6.37 E-08	0.020	0.011	0.075
MASLD	Sleep apnoea	7058 rs7311	C	T	-0.222	0.044	4.75 E-07	0.008	0.012	0.488
MASLD	Sleep apnoea	5877 rs7800	C	T	-0.119	0.025	1.51 E-06	-0.002	0.007	0.763
MASLD	Sleep apnoea	93 rs7857	G	T	-0.164	0.033	9.08 E-07	-0.002	0.009	0.791
MASLD	Sleep apnoea	2354 rs8023	C	T	-0.126	0.026	1.55 E-06	0.004	0.007	0.600
MASLD	Sleep apnoea	151 rs8100	A	G	0.309	0.031	6.08 E-24	-0.011	0.009	0.224
MASLD	Hypersomnia	204 rs1015	C	T	-0.122	0.025	1.67 E-06	0.079	0.066	0.232
MASLD	Hypersomnia	445 rs1128	A	G	-0.184	0.025	1.31 E-13	-0.056	0.065	0.390
MASLD	Hypersomnia	75651 rs1130	C	G	-0.514	0.082	4.28 E-10	-0.227	0.185	0.220
MASLD	Hypersomnia	92519 rs1244	G	A	-0.134	0.028	2.39 E-06	0.032	0.077	0.676
MASLD	Hypersomnia	4598 rs1248	G	A	-0.135	0.028	1.80 E-06	0.025	0.073	0.728
MASLD	Hypersomnia	8765 rs1261	T	C	-0.316	0.068	3.70 E-06	0.275	0.161	0.088
MASLD	Hypersomnia	4574 rs1491	G	A	-0.332	0.071	2.81 E-06	0.144	0.169	0.396

MASLD	Hypersomnia	07791 rs1849	A G	0.300	0.060	5.46	0.115	0.171	0.504
MASLD	Hypersomnia	39711 rs1996	C T	-0.148	0.032	4.35	-0.014	0.082	0.867
MASLD	Hypersomnia	16596 rs2285	A G	0.199	0.031	1.12	0.027	0.084	0.747
MASLD	Hypersomnia	107 rs2440	C T	-0.136	0.025	5.64	-0.123	0.067	0.066
MASLD	Hypersomnia	807 rs2745	C T	0.200	0.041	1.31	0.181	0.113	0.110
MASLD	Hypersomnia	359 rs2803	G A	-0.119	0.025	2.56	-0.039	0.067	0.566
MASLD	Hypersomnia	609 rs2842	A G	0.112	0.024	2.69	-0.082	0.063	0.195
MASLD	Hypersomnia	9148 rs2863	T C	-0.179	0.030	2.18	-0.052	0.077	0.500
MASLD	Hypersomnia	6836 rs3747	A G	0.468	0.026	8.36	0.051	0.075	0.498
MASLD	Hypersomnia	207 rs5764	G A	0.141	0.028	3.46	-0.026	0.074	0.730
MASLD	Hypersomnia	406 rs6054	G T	-0.367	0.073	5.04	0.032	0.171	0.854
MASLD	Hypersomnia	9462 rs6543	A T	0.122	0.024	5.29	-0.045	0.064	0.484
MASLD	Hypersomnia	124 rs6931	G T	0.380	0.078	1.10	-0.236	0.240	0.325
MASLD	Hypersomnia	90 rs7032	C T	-0.110	0.024	4.75	-0.018	0.063	0.773
MASLD	Hypersomnia	795 rs7302	G C	-0.221	0.041	6.37	-0.113	0.102	0.268
MASLD	Hypersomnia	7058 rs7311	C T	-0.222	0.044	4.75	-0.111	0.110	0.315
MASLD	Hypersomnia	5877 rs7800	C T	-0.119	0.025	1.51	-0.041	0.066	0.528
MASLD	Hypersomnia	93 rs7857	G T	-0.164	0.033	9.08	0.007	0.085	0.937
MASLD	Hypersomnia	2354 rs8023	C T	-0.126	0.026	1.55	-0.184	0.068	0.007
MASLD	Hypersomnia	151 rs8100	A G	0.309	0.031	6.08	-0.092	0.087	0.291
MASLD	Disorder of the sleep-wake	204 rs1015	C T	-0.122	0.025	1.67	-0.055	0.059	0.349
MASLD	Disorder of the sleep-wake	445 rs1128	A G	-0.184	0.025	1.31	0.023	0.058	0.696
MASLD	Disorder of the	75651 rs1130	C G	-0.514	0.082	4.28	0.255	0.168	0.129

	sleep-wake	92519					E-10			
MASLD	Disorder of the	rs1244	G	A	-0.134	0.028	2.39	0.088	0.069	0.199
	sleep-wake	4598					E-06			
MASLD	Disorder of the	rs1248	G	A	-0.135	0.028	1.80	-0.026	0.065	0.695
	sleep-wake	8765					E-06			
MASLD	Disorder of the	rs1261	T	C	-0.316	0.068	3.70	0.188	0.144	0.192
	sleep-wake	4574					E-06			
MASLD	Disorder of the	rs1491	G	A	-0.332	0.071	2.81	0.124	0.151	0.412
	sleep-wake	07791					E-06			
MASLD	Disorder of the	rs1849	A	G	0.300	0.060	5.46	0.123	0.154	0.423
	sleep-wake	39711					E-07			
MASLD	Disorder of the	rs1996	C	T	-0.148	0.032	4.35	-0.017	0.074	0.818
	sleep-wake	16596					E-06			
MASLD	Disorder of the	rs2285	A	G	0.199	0.031	1.12	-0.007	0.076	0.924
	sleep-wake	107					E-10			
MASLD	Disorder of the	rs2440	C	T	-0.136	0.025	5.64	0.028	0.060	0.646
	sleep-wake	807					E-08			
MASLD	Disorder of the	rs2745	C	T	0.200	0.041	1.31	-0.027	0.102	0.793
	sleep-wake	359					E-06			
MASLD	Disorder of the	rs2803	G	A	-0.119	0.025	2.56	-0.082	0.061	0.177
	sleep-wake	609					E-06			
MASLD	Disorder of the	rs2842	A	G	0.112	0.024	2.69	-0.097	0.056	0.085
	sleep-wake	9148					E-06			
MASLD	Disorder of the	rs2863	T	C	-0.179	0.030	2.18	-0.031	0.069	0.652
	sleep-wake	6836					E-09			
MASLD	Disorder of the	rs3747	A	G	0.468	0.026	8.36	-0.069	0.067	0.303
	sleep-wake	207					E-74			
MASLD	Disorder of the	rs5764	G	A	0.141	0.028	3.46	-0.089	0.067	0.183
	sleep-wake	406					E-07			
MASLD	Disorder of the	rs6054	G	T	-0.367	0.073	5.04	-0.076	0.153	0.617
	sleep-wake	9462					E-07			
MASLD	Disorder of the	rs6543	A	T	0.122	0.024	5.29	-0.103	0.057	0.074
	sleep-wake	124					E-07			
MASLD	Disorder of the	rs6931	G	T	0.380	0.078	1.10	-0.015	0.211	0.942
	sleep-wake	90					E-06			
MASLD	Disorder of the	rs7032	C	T	-0.110	0.024	4.75	-0.110	0.056	0.053
	sleep-wake	795					E-06			
MASLD	Disorder of the	rs7302	G	C	-0.221	0.041	6.37	0.078	0.091	0.393
	sleep-wake	7058					E-08			
MASLD	Disorder of the	rs7311	C	T	-0.222	0.044	4.75	0.012	0.097	0.902
	sleep-wake	5877					E-07			
MASLD	Disorder of the	rs7800	C	T	-0.119	0.025	1.51	-0.055	0.059	0.354
	sleep-wake	93					E-06			
MASLD	Disorder of the	rs7857	G	T	-0.164	0.033	9.08	-0.074	0.077	0.334
	sleep-wake	2354					E-07			
MASLD	Disorder of the	rs8023	C	T	-0.126	0.026	1.55	-0.005	0.061	0.933

MASLD	sleep-wake Disorder of the sleep-wake	151 rs8100 204	A	G	0.309	0.031	E-06 6.08 E-24	0.100	0.078	0.197
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EA: Effect allele; OA: Other allele; MASLD: Metabolic dysfunction-associated steatotic liver disease.