

**Table S1.** Suggestive associations identified in the SNP-based analysis of the GWAS meta-analysis of cocaine dependence

SNP	CHR	BP	A1	A2	beta	SE	Direction	N	P.value
rs3075660	10	84701751	d	i	0.259	0.051	++++	5546	3.83E-07
rs72685414	1	104966872	a	c	0.384	0.081	++++	5388	1.87E-06
rs79309473	13	36972202	t	g	-0.233	0.049	----	4960	1.89E-06
rs7675557	4	82970816	a	g	-0.216	0.046	----	6306	2.28E-06
rs34285731	6	26163345	d	i	0.203	0.043	++++	6328	2.36E-06
rs71575441	5	106788817	t	c	0.657	0.139	++++	6243	2.37E-06
rs11086525	20	54516338	c	g	0.201	0.043	++++	6245	3.01E-06
rs66606043	4	82975101	d	i	-0.212	0.046	----	6356	3.11E-06
rs806973	6	26148326	a	g	0.201	0.043	++++	6263	3.14E-06
rs12331448	4	82987352	a	g	-0.212	0.046	----	6350	3.14E-06
rs7664786	4	82977205	t	c	0.211	0.045	++++	6376	3.18E-06
rs56401801	6	27301512	a	t	-0.359	0.077	----	6362	3.44E-06
rs75344077	13	36972198	t	g	-0.226	0.049	----	5136	3.49E-06
rs71537559	6	27309779	c	g	-0.356	0.077	----	6376	3.53E-06
rs9997282	4	82972809	a	g	-0.212	0.046	----	6296	3.62E-06
rs35096352	5	68330793	d	i	0.217	0.047	++++	5568	3.85E-06
rs1009181	6	26158993	t	c	0.199	0.043	++++	6378	3.88E-06
rs4734387	8	99193765	a	g	-0.213	0.046	----	5668	4.20E-06
rs112252907	16	6675141	t	c	0.427	0.093	++++	6360	4.43E-06
rs1484873	18	43206985	a	g	-0.473	0.103	----	6376	4.45E-06
rs546090102	4	82954483	d	i	0.212	0.046	++++	6160	4.59E-06
rs7987484	13	36949810	t	c	-0.194	0.042	----	6305	4.72E-06
rs28360634	6	27332891	t	c	0.352	0.077	++++	6378	4.89E-06
rs1822525	4	82968407	t	c	0.208	0.046	++++	6302	4.94E-06
rs57361543	3	172212144	a	g	-0.202	0.044	----	6158	5.09E-06
rs34134613	3	172212104	t	c	-0.202	0.044	----	6152	5.13E-06
rs35678713	3	172212118	a	g	-0.202	0.044	----	6153	5.14E-06
rs1059490	6	26171250	t	c	0.197	0.043	++++	6356	5.17E-06
rs113497279	6	26173934	d	i	0.198	0.043	++++	6348	5.19E-06
rs145821959	4	82999079	t	c	-0.212	0.047	----	6113	5.39E-06
rs34633975	5	44127224	d	i	-0.266	0.059	----	6099	5.73E-06
rs144714196	16	6673898	a	g	-0.423	0.093	----	6367	5.83E-06
rs13117485	4	83003033	a	g	-0.212	0.047	----	6069	6.03E-06
rs66841633	6	27382386	t	g	-0.346	0.077	----	6378	6.14E-06
rs112622170	16	6671860	a	g	0.426	0.094	++++	6357	6.16E-06
rs67769911	4	117607070	a	c	0.264	0.059	++++	6143	6.33E-06
rs10616432	13	36960314	d	i	-0.190	0.042	----	6345	6.44E-06
rs9576051	13	37010541	t	c	-0.200	0.044	----	6086	6.44E-06
rs73973283	18	73757906	a	c	0.563	0.125	++++	6286	6.46E-06
rs34953377	6	27381660	t	c	0.346	0.077	++++	6376	6.50E-06
rs17664902	16	6678289	t	c	0.418	0.093	++++	6371	6.54E-06
rs13218537	6	27377235	a	g	0.345	0.077	++++	6377	6.57E-06
rs34332556	6	27357414	c	g	0.346	0.077	++++	6376	6.66E-06
rs71559024	6	27352750	a	g	-0.346	0.077	----	6376	6.66E-06
rs73973287	18	73760197	a	g	-0.563	0.125	----	6283	6.67E-06

rs17328679	9	28964440	a	g	-0.309	0.069	----	6370	6.86E-06
rs35735220	9	28963289	t	c	-0.309	0.069	----	6370	6.86E-06
rs13191474	6	27413345	t	c	-0.344	0.077	----	6378	6.99E-06
rs13195040	6	27413924	a	g	0.344	0.077	++++	6378	6.99E-06
rs41269265	6	27425349	t	c	0.344	0.077	++++	6378	6.99E-06
rs148179194	3	50798652	t	c	0.881	0.196	++++	6327	7.03E-06
rs116108034	3	50615472	t	c	-0.855	0.191	----	6333	7.08E-06
rs7332726	13	88150884	a	g	0.557	0.124	++++	6064	7.10E-06
rs74398847	18	73769298	a	c	0.566	0.126	++++	6267	7.19E-06
rs17721102	16	6675293	t	g	0.417	0.093	++++	6371	7.27E-06
rs75737660	16	6675241	a	c	-0.417	0.093	----	6371	7.27E-06
rs12444339	16	6670858	t	c	0.425	0.095	++++	6344	7.30E-06
rs10121366	9	118244022	t	c	-0.279	0.062	----	6370	7.33E-06
rs67383460	4	117607439	t	c	0.262	0.059	++++	6133	7.45E-06
rs12443694	16	6670552	t	c	0.425	0.095	++++	6340	7.51E-06
rs200257434	3	23971092	d	i	0.373	0.083	+++	5756	7.53E-06
rs13119377	4	83003206	t	c	-0.210	0.047	----	6062	7.57E-06
rs111848188	18	73760089	t	c	-0.558	0.125	----	6282	7.58E-06
rs73973286	18	73760167	t	c	-0.558	0.125	----	6282	7.58E-06
rs73973288	18	73760261	a	c	0.558	0.125	++++	6282	7.58E-06
rs35120058	6	27358166	a	g	0.344	0.077	++++	6357	7.61E-06
rs35383285	4	83003977	d	i	0.202	0.045	++++	6014	7.61E-06
rs334878	5	54519878	a	g	-0.270	0.060	----	6282	7.67E-06
rs34802424	3	172211878	t	c	-0.197	0.044	----	6188	7.77E-06
rs4132904	13	36963788	a	c	0.187	0.042	++++	6378	7.79E-06
rs540097409	2	153209227	d	i	-0.414	0.093	----	5226	7.81E-06
rs3800318	6	27263641	a	t	0.246	0.055	+++	6372	7.84E-06
rs1653168	18	73773153	a	g	0.554	0.124	++++	6297	7.85E-06
rs13291489	9	28973832	t	c	-0.308	0.069	----	6360	7.99E-06
rs6819504	4	82983435	t	c	0.205	0.046	++++	6260	8.17E-06
rs13203358	6	26590578	a	t	0.307	0.069	++++	6378	8.24E-06
rs34229567	6	26588521	t	c	-0.307	0.069	----	6378	8.24E-06
rs34071253	6	27391802	t	c	-0.341	0.077	----	6377	8.31E-06
rs35716472	6	27406607	c	g	0.341	0.077	++++	6377	8.31E-06
rs13076358	3	172211743	a	c	-0.196	0.044	----	6187	8.34E-06
rs62545838	9	28991893	a	c	-0.306	0.069	----	6350	8.46E-06
rs62545840	9	28992162	a	g	-0.306	0.069	----	6350	8.46E-06
rs201051420	3	50876987	d	i	-0.889	0.200	----	6321	8.61E-06
rs111332851	18	73759957	d	i	0.555	0.125	++++	6281	8.62E-06
rs36097821	18	73759772	a	t	-0.555	0.125	----	6281	8.62E-06
rs62545841	9	28993271	a	g	-0.305	0.069	----	6349	8.71E-06
6:26603811_1	6	26603811	a	c	0.306	0.069	++++	6378	9.01E-06
rs9379899	6	26603015	a	t	-0.306	0.069	----	6378	9.01E-06
rs10759786	9	118241188	a	g	-0.276	0.062	----	6361	9.05E-06
rs34937527	3	172211825	a	g	0.195	0.044	++++	6188	9.10E-06
rs247831	16	84581893	c	g	0.218	0.049	++++	6358	9.17E-06
rs554260614	6	26703058	d	i	-0.244	0.055	----	5371	9.20E-06
rs62357000	5	30884915	t	c	0.558	0.126	++++	6215	9.20E-06
rs13211166	6	27265940	a	t	-0.244	0.055	---+	6374	9.28E-06
rs4410642	5	44129423	c	g	0.288	0.065	++++	6364	9.42E-06

rs13208916	6	26601940	a	g	-0.304	0.069	----	6374	9.43E-06
rs17005376	4	82989854	t	c	-0.194	0.044	----	6315	9.44E-06
rs146616569	3	172211706	a	t	0.195	0.044	++++	6189	9.45E-06
rs148069235	1	15950064	a	c	0.246	0.056	++++	5579	9.52E-06
rs10805679	5	44103219	a	c	-0.260	0.059	----	6291	9.53E-06
rs6767407	3	84955841	t	c	0.234	0.053	++++	6351	9.61E-06
rs2245002	18	73771813	t	c	-0.549	0.124	----	6300	9.71E-06
rs2080197	3	172214001	a	g	0.193	0.044	++++	6257	9.85E-06
rs13301616	9	28957509	t	c	0.301	0.068	++++	6372	9.86E-06
rs59017600	9	28956618	c	g	0.301	0.068	++++	6372	9.86E-06
rs72719332	9	28962806	t	c	-0.303	0.069	----	6374	9.92E-06

\*Gene coordinates based on GRCh37/hg19.