

**Additional file 4: Maternal haplotypes not-transmitted to male ADHD probands
(only significant data presented)**

Variant Combinations	Haplotypes	Transmitted	Non-transmitted	² (p-value)
30bp-uVNTR-rs5905809	<i>3R-C</i>	0.05	0.16	8.94 (0.003)
30bp-uVNTR-rs5906957	<i>3R-G</i>	0.05	0.16	8.94 (0.003)
30bp-uVNTR-rs6323	<i>3R-T</i>	0.06	0.16	7.65 (0.006)
30bp-uVNTR-rs3027440	<i>4R-C</i>	0.02	0.11	10.49 (0.001)
30bp-uVNTR-rs6324	<i>4R-T</i>	0.03	0.11	6.19 (0.01)
30bp-uVNTR-rs3027441	<i>4R-C</i>	0.03	0.11	6.19 (0.01)
rs5906883-rs5905809	<i>A-C</i>	0.02	0.12	11.51 (0.0007)
rs5906883-rs5906957	<i>A-G</i>	0.02	0.12	11.51 (0.0007)
rs5906883-rs6323	<i>C-T</i>	0.18	0.32	7.81 (0.005)
rs5906883-rs3027440	<i>C-C</i>	0.02	0.11	10.49 (0.001)
rs5906883-rs6324	<i>C-T</i>	0.03	0.12	9.60 (0.002)
rs5906883-rs3027441	<i>C-C</i>	0.03	0.12	9.60 (0.002)
rs5906883-rs2283727	<i>C-A</i>	0.03	0.10	6.79 (0.009)
rs5906883-rs2283728	<i>C-T</i>	0.03	0.10	6.79 (0.009)
rs5906883-rs56220155	<i>C-G</i>	0.05	0.14	7.71 (0.005)
rs1465107-rs5905809	<i>A-C</i>	0.03	0.12	7.95 (0.005)
rs1465107-rs5906957	<i>A-G</i>	0.03	0.12	7.95 (0.005)
rs1465107-rs6323	<i>G-T</i>	0.17	0.32	9.36 (0.002)
rs1465107-rs3027440	<i>G-C</i>	0.02	0.11	10.49 (0.001)
rs1465107-rs6324	<i>G-T</i>	0.03	0.14	12.60 (0.0004)
rs1465107-rs3027441	<i>G-C</i>	0.03	0.14	12.60 (0.0004)
rs1465107-rs2283727	<i>G-A</i>	0.03	0.13	10.58 (0.001)
rs1465107-rs2283728	<i>G-T</i>	0.03	0.13	10.58 (0.001)
rs1465107-rs56220155	<i>G-G</i>	0.05	0.16	11.32 (0.0008)
rs1465108-rs5905809	<i>A-C</i>	0.03	0.12	7.95 (0.005)
rs1465108-rs5906957	<i>A-G</i>	0.03	0.12	7.95 (0.005)
rs1465108-rs6323	<i>G-T</i>	0.17	0.32	9.36 (0.002)
rs1465108-rs3027440	<i>G-C</i>	0.02	0.11	10.49 (0.001)
rs1465108-rs6324	<i>G-T</i>	0.03	0.14	12.60 (0.0004)
rs1465108-rs3027441	<i>G-C</i>	0.03	0.14	12.60 (0.0004)
rs1465108-rs2283727	<i>G-A</i>	0.03	0.13	10.58 (0.001)
rs1465108-rs2283728	<i>G-T</i>	0.03	0.13	10.58 (0.001)
rs1465108-rs56220155	<i>G-G</i>	0.05	0.16	11.32 (0.0008)
rs5905809-rs6323	<i>C-T</i>	0.18	0.33	8.35 (0.004)
rs5905809-rs3027440	<i>C-C</i>	0.02	0.12	11.51 (0.0007)
rs5905809-rs6324	<i>C-T</i>	0.03	0.14	12.60 (0.0004)
rs5905809-rs3027441	<i>C-C</i>	0.03	0.14	12.60 (0.0004)
rs5905809-rs2283727	<i>C-A</i>	0.03	0.12	9.60 (0.002)
rs5905809-rs2283728	<i>C-T</i>	0.03	0.12	9.60 (0.002)
rs5905809-rs56220155	<i>C-G</i>	0.05	0.17	12.27 (0.0005)
rs5906957-rs6323	<i>G-T</i>	0.18	0.33	8.35 (0.004)
rs5906957-rs3027440	<i>G-C</i>	0.02	0.12	11.51 (0.0007)
rs5906957-rs6324	<i>G-T</i>	0.03	0.14	12.60 (0.0004)
rs5906957-rs3027441	<i>G-C</i>	0.03	0.14	12.60 (0.0004)
rs5906957-rs2283727	<i>G-A</i>	0.03	0.12	9.60 (0.002)
rs5906957-rs2283728	<i>G-T</i>	0.03	0.12	9.60 (0.002)
rs5906957-rs56220155	<i>G-G</i>	0.05	0.17	12.27 (0.0005)
rs6323-rs1137070	<i>T-C</i>	0.18	0.34	9.93 (0.002)
rs6323-rs3027440	<i>T-C</i>	0.00	0.16	26.06 (3.32E-07)
rs6323-rs6324	<i>T-T</i>	0.00	0.17	28.43 (9.71E-08)
rs6323-rs3027441	<i>T-C</i>	0.00	0.17	28.43 (9.71E-08)
rs6323-rs2283727	<i>T-A</i>	0.01	0.14	20.74 (5.25E-06)
rs6323-rs2283728	<i>T-T</i>	0.01	0.14	20.74 (5.25E-06)
rs6323-rs56220155	<i>T-G</i>	0.01	0.19	26.19 (3.10E-07)
rs6323-rs4824562	<i>T-A</i>	0.18	0.33	8.35 (0.004)

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Additional file 4: Continued

Variant Combinations	Haplotypes	Transmitted	Non-transmitted	² (<i>p</i>-value)
rs1137070-rs3027440	<i>C-C</i>	0.02	0.13	12.54 (0.0004)
rs1137070-rs6324	<i>C-T</i>	0.03	0.14	13.63 (0.0002)
rs1137070-rs3027441	<i>C-C</i>	0.03	0.14	13.63 (0.0002)
rs1137070-rs2283727	<i>C-A</i>	0.03	0.12	9.60 (0.002)
rs1137070-rs2283728	<i>C-T</i>	0.03	0.12	9.60 (0.002)
rs1137070-rs56220155	<i>C-G</i>	0.05	0.16	11.32 (0.0008)
rs3027440-rs6324	<i>C-T</i>	0.14	0.27	8.11 (0.004)
rs3027440-rs3027441	<i>C-C</i>	0.14	0.27	8.11 (0.004)
rs3027440-rs2283727	<i>C-A</i>	0.13	0.25	6.90 (0.009)
rs3027440-rs2283728	<i>C-T</i>	0.13	0.25	6.90 (0.009)
rs3027440-rs56220155	<i>C-G</i>	0.13	0.25	6.90 (0.009)
rs3027440-rs4824562	<i>C-A</i>	0.14	0.26	6.73 (0.009)
rs3027440-rs4824562	<i>C-G</i>	0.01	0.07	7.64 (0.006)
rs6324-rs3027441	<i>T-C</i>	0.20	0.35	8.77 (0.003)
rs6324-rs2283727	<i>C-A</i>	0.01	0.08	9.72 (0.002)
rs6324-rs2283728	<i>C-T</i>	0.01	0.08	9.72 (0.002)
rs6324-rs4824562	<i>T-G</i>	0.00	0.07	11.41 (0.0007)
rs3027441-rs4824562	<i>C-G</i>	0.00	0.07	11.41 (0.0007)
rs2283727-rs2283728	<i>A-T</i>	0.19	0.36	11.12 (0.0009)
rs2283727-rs56220155	<i>A-G</i>	0.19	0.36	10.36 (0.001)
rs2283727-rs4824562	<i>A-G</i>	0.00	0.07	11.41 (0.0007)
rs2283728-rs56220155	<i>T-G</i>	0.19	0.36	10.36 (0.001)
rs2283728-rs4824562	<i>T-G</i>	0.00	0.07	11.41 (0.0007)
rs56220155-rs4824562	<i>G-G</i>	0.00	0.07	11.41 (0.0007)