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CORRIGENDUM

Elucidating the chromosome 9 association with AS; CARD9 is a candidate gene

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Correction to: *Genes and Immunity* (2010) **11**, 490–496; doi:10.1038/gene.2010.17

The following errors are noted:

(1) Affiliation 1 was incorrect; the correct affiliations are shown above.

(2) Page 491, column 2, paragraph 2, line 21; 'rs11145797' should read 'rs11145793'.

(3) The corrected Table 1 is shown on the next page.

The authors apologize for any inconvenience caused.

Table 1 Analysis of SNPs in the *CARD9/SNAPC4* region

SNP	*Study*	*Position (bps)*	*Gene*	P-*value*	*OR (95% CI)*	*Number of controls*	*MAF controls*	*Number of cases*	*MAF cases*	*Power (%)*
rs3812550	WTCCC study	139252879	DS *GPSM1*, *C9orf151* and *CARD9*	**0.04**	1.1 (1.0–1.3)	1466	0.46	922	0.49	57
rs10870149	Additional SNPs, results section 2. OxC and 58BC controls	139254897	DS *GPSM1*, *C9orf151* and *CARD9*	**0.002**	1.2 (1.1–1.3)[a]	2397	0.52	1478	0.48	89
rs10870149	Additional SNPs, results section 2. OxC and 58BC controls less IBD cases	139254897	DS *GPSM1*, *C9orf151* and *CARD9*	**0.001**	1.2 (1.1–1.3)[a]	2397	0.52	1278	0.48	89
rs11145958	Additional SNPs, results section 2. OxC controls	139255073	DS *GPSM1*, *C9orf151* and *CARD9*	0.07	1.4 (1.0–2.0)	990	0.02	1515	0.03	34
rs10781533	Additional SNPs, results section 2. OxC controls	139255609	DS *GPSM1*, *C9orf151* and *CARD9*	0.08	0.9 (0.8–1.0)	957	0.41	1513	0.39	42
rs3812552	Additional SNPs, results section 2. OxC and 2Dis controls	139256468	DS *GPSM1* and *CARD9*, NS coding *C9orf151* (S→T)	0.2	1.1 (0.9–1.2)	2860	0.12	1459	0.13	22
rs3829109	Additional SNPs, results section 2. OxC controls	139256766	DS *GPSM1* and *CARD9*, intronic *C9orf151*	**0.03**	1.2 (1.0–1.3)	955	0.25	1480	0.28	54
rs10870201	Additional SNPs, results section 2. OxC controls.	139257147	DS *GPSM1* and *CARD9*, intronic *C9orf151*	**0.03**	1.1 (1.0–1.3)	997	0.46	1521	0.50	59
rs10870201	Additional SNPs, results section 2. Less IBD cases. OxC controls	139257147	DS *GPSM1* and *CARD9*, intronic *C9orf151*	**0.03**	0.8 (0.6–1.2)	997	0.46	1319	0.50	57
rs10121646	Additional SNPs, results section 2. OxC controls.	139257287	DS *GPSM1* and *CARD9*, intronic *C9orf151*	0.06	1.13 (1.0–1.3)	987	0.03	1532	0.02	19
rs1135314	Additional SNPs, results section 2. OxC controls.	139258462	DS *GPSM1*, US *C9orf151*, 3′UTR *CARD9*	0.05	1.1 (1.0–1.3)	981	0.31	1526	0.34	45
rs10870077	Additional SNPs, results section 2. OxC controls	139263891	Intronic *CARD9*	**0.01**	1.2 (1.0–1.3)	996	0.43	1518	0.46	67
rs10870077	Additional SNPs, results section 2. Less IBD cases. OxC controls	139263891	Intronic *CARD9*	**0.02**	0.9 (0.7–1.3)	996	0.43	1316	0.46	64
rs4077515	Replication, results section 1. 3Dis controls	139266496	*CARD9* NS coding (N→S)	**0.0004**	1.2 (1.1–1.4)	2878	0.42	715	0.47	95
rs4078098	Additional SNPs, results section 2. OxC controls	139267293	Intronic *CARD9*, DS *SNAPC4*	**0.03**	1.3 (1.0–1.8)	983	0.04	1531	0.04	10
rs3812561	Additional SNPs, results section 2. OxC and 58BC controls	139270876	NS coding *SNAPC4* (P→S), US *CARD9*, intronic *SNAPC4*	**0.004**	1.2 (1.1–1.4)	2458	0.02	1533	0.03	44
rs11145793	Additional SNPs, results section 2. OxC controls	139274523	NS coding *SNAPC4* (P→S), US *CARD9*, intronic *SNAPC4*	0.4	1.1 (0.9–1.3)	991	0.23	1511	0.27	16
rs11145797	Additional SNPs, results section 2. OxC controls	139275032	Intronic *SNAPC4*	**0.03**	1.1 (1.0–1.3)	996	0.17	1535	0.18	15
rs3812571	Replication, results section 1. 3Dis controls	139275294	*SNAPC4* NS coding (H→Q)	**0.0003**	1.2 (1.1–1.4)	2879	0.43	722	0.49	94

Abbreviations: AS, ankylosing spondylitis; CI, confidence interval; DS, downstream; IBD, inflammatory bowel disease; MAF, minor allele frequency; NS, non-synonymous with amino-acid change in brackets; OR, odds ratio; S, synonymous; SNP, single-nucleotide polymorphism; US, upstream; UTR, untranslated region; WTCCC, Wellcome Trust Case Control Consortium.
Significant associations are highlighted in bold.
Positions are taken from Ensembl Genome Browser (http://www.ensembl.org) (August 2009).
[a]OR>1.0 because the minor allele (A) in the controls was designated the minor allele although it is the major allele in the cases.
58BC are 1500 controls genotyped by WTCCC.
OxC are 1020 local controls described in Materials and methods.
2Dis controls and 3Dis controls are genotypes from the diseases other than AS genotyped by WTCCC.
WTCCC study is the nsSNP study of 1000 AS cases and 1500 58BC controls.