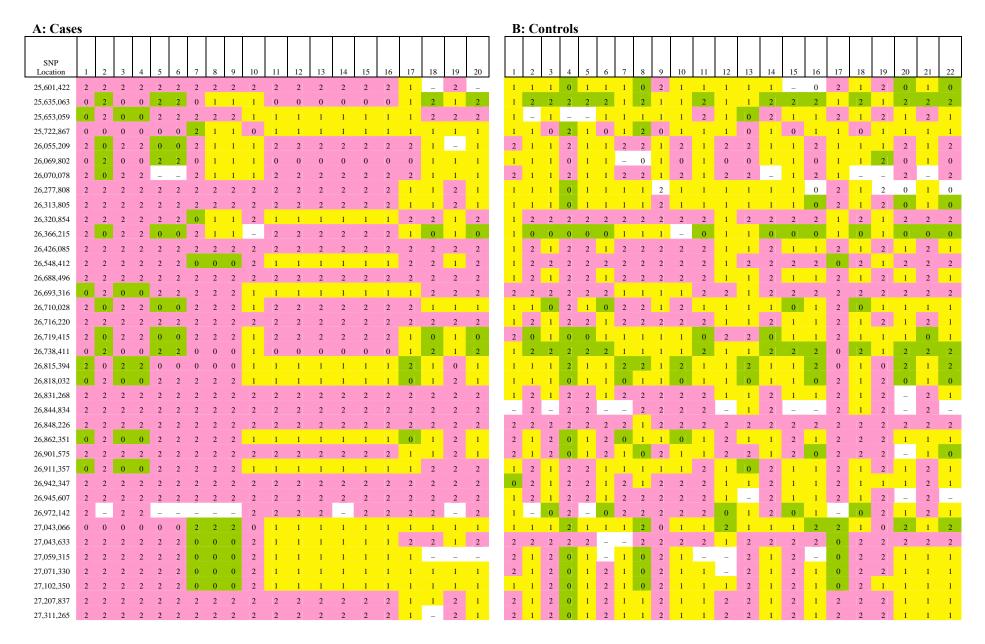
Appendix 1. Genotype calls from 20 *crd3*-affected cases and 22 control dogs, in a 6.1 Mb interval on canine chromosome 16. The interval includes all SNPs yielding an association signal exceeding the Bonferroni corrected threshold for genome wide significance. Columns = dogs, rows = SNP loci. For each locus, homozygosity for the most frequent allele observed in cases is color-coded in pink for all dogs (i.e. cases and controls); green indicates homozygosity for the minor allele observed in cases; yellow indicates heterozygosity; and white (–) = no call. The *crd3*-absolute LD interval is boxed. Control dog 17 proved to be affected with an atypical form of crd3 (see text).



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30,686,403	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2	2	2	1	1	2	_		1	2	2	1	2	2	1		2	1	2	2	2	1		1	2	1		_	2	_	2		_	2	1
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30,790,488	2	2	2	2	2	2	1	1	1		2	2	1	2	2	2	2	2	2	2	2		2	1	1	2	2	1	2		2	2	1	2	1	2	- 1	2	1	1		2	1	1	2	2	2	1	2
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30,811,758	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2	2	2	1	1	2	1		1		1	Ō	0	1	Ō		0	1	2	1	1	1		1	1	1		0	2	1	1	()	1	0
30,818,570	2	2	2	2	2	2	2	2	2		2	2	1	2	2	2	2	1	1	2	1		1	1	1	0	0	1	0		0	1	2	1	1	1		1	1	1		0	2	1	1	(0	1	0
30,859,729	0	0	0	0	0	0	_	1	_)	0	_	0	0	0	0	0	0	0	0		0	2	2	_	2	2	_		2	2	_	_	2	0		0	2	_		_	_	_	_	-	-	2	1
30,871,923	0	0	0	0	0	0	1	_	1	()	0	1	0	0	0	0	0	0	0	0		1	2	2	1	2	2	1		2	2	1	1	2	0		0	2	1		1	1	1	2		1	2	1
30,885,677	0	0	0	0	0	0	1	1	1	-)	0	1	0	0	0	0	0	0	0	0		1	2	2	1	2	2	1		2	2	1	1	2	0		0	2	1		1	1	1	2		1	2	1
30,889,324	0	0	0	0	0	0	1	1	1)	0	1	0	0	0	0	0	0	0	0		0	2	2	1	2	2	1		2	2	1	1	2	0		0	2	1		_	1	1	1		1	2	1
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31,000,568	0	0	0	0	0	0	1	1	1)	0	1	0	0	0	0	0	0	0	0		1		1	0	0	1	0)	0	0	1	0	1	0		0	1	1		0	1	1	1			1	0
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31,047,537	0	0	0	0	0		-	1	1)	0	_	0	0	0	0	0	0	0	0		0		2	-	2	2	_		2	2	1	_	2	0		0	2	_	. 🗾	1	1	1	-			2	1
31,048,116	0	0	0	0	0		1	1	1			0	1	0	0	0	0	0	0	0	0		0			1	2	2				. —	1	1	2	0		0	2	1		1	1	1	1			2	1
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31,078,634	0	0	0	0	0		_	_	_)	0	_	0	0	0	0	0	0	0	0		0		1	0	0		0			0	_	0	1	0		0	1	1		0	_	_	0			1	0
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_	-	2	-	-	_	_	1	1	1	2	1	1	2	2	2	1	2	2	2	2	2
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