

**control 1**

SNP <sub>1</sub>	SNP <sub>2</sub>	SNP <sub>3</sub>	SNP <sub>4</sub>	SNP <sub>5</sub>	SNP <sub>6</sub>
C/C	T/T	A/A	G/G	T/T	A/A

**control 2**

C/G	A/T	A/T	C/G	A/T	A/T
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**control 3**

C/C	T/T	A/T	C/G	T/T	A/A
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*case 1*

C/G	A/T	T/T	C/G	A/T	A/T
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*case 2*

C/C	T/T	T/T	C/C	T/T	A/A
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*case 3*

C/C	T/T	A/T	C/G	T/T	A/A
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SNP <sub>1</sub>	SNP <sub>2</sub>	SNP <sub>3</sub>	SNP <sub>4</sub>	SNP <sub>5</sub>	SNP <sub>6</sub>
C	T	A	G	T	A
C	T	A	G	T	A

C	T	A	C	T	A
G	A	T	G	A	T

C	T	A	C	T	A
C	T	T	G	T	A

G	A	T	G	A	T
C	T	T	C	T	A

C	T	T	C	T	A
C	T	T	C	T	A

C	T	A	G	T	A
C	T	T	C	T	A

a) phenotype

b) genotype

c) haplotype