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Abstract

McNemar test for association



Matched case-control pair



Number of copies

Time

2-copies



Acknowledgements

Outcomes

- ## Conclusion

Testing for risk with two SNPs



^aIn the three models tested, the genetic risk factor were defined as having exactly 1, 2 or 3, or exactly 2 copies of the risk allele, respectively.

^bAL was defined in the Michener's test analyses as the most frequent allele in the combined group of 204 cases and controls.

^cIn the three models tested, the genetic risk factor were defined as having exactly 1, 2 or 3, or exactly 2 copies of the risk allele, respectively.

^dSupernumerary chi squared with continuity correction: $119.0 - (110.0 + 1)$.

^eProportion between distal 50k within block of 250k SNPs ≥ 25 . Pro-additional length distal 50k SNP range, distance between non-fixed adjacent 50k.

^fIn the X-chromosome analysis, pairs of males and pairs of females were analysed together. Since male X-chromosome genotypes are always homozygous, the risk factor was defined as being homozygous at the position. Both alleles were evaluated for being the risk factor.

C182 conservation in ARRDC3

^c The letters are IUPAC/IUBMB codes for amino acids. The dots are amino acid residues identical to those in cattle.