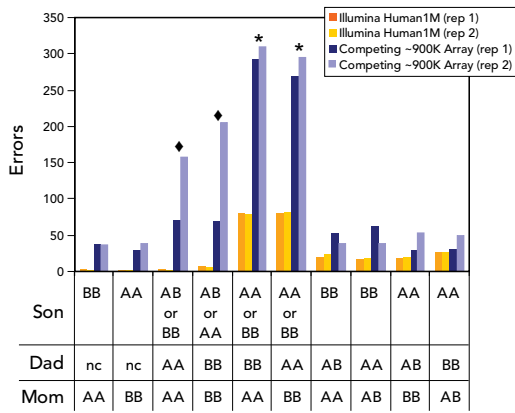


Figure 1: Transmission Disequilibrium Tests Demonstrate the Accuracy of Illumina Beadchip Genotyping Calls

Array	McNemar χ^2		Frequency Minor Allele Transmission	
	Actual	Expected (no errors)	Actual	Expected (no errors)
HumanHap550	314	0-130	0.51	0.5
Human610-Quad	320	0-200	0.512	0.5
Human1M-Duo	503	0-400	0.501	0.5

Figure 5: Mendelian Inconsistencies Detected Across Tri Data



The distribution of Mendelian inconsistencies identified within technical replicates across a set of three triads measured for each of two technical replicates on two array platforms. The number of occurrences for each category and the corresponding calls across mother, father, and son are shown. nc = no call

References

- The data used in the analysis depicted in Figure 5 are available from <http://www.illumina.com/GWASArray>.
- The Li et al. article is available for free download from <http://www.illumina.com/GWASArray>.
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 - <http://www.illumina.com/downloads/GWASArrayWhitePaperSuppT2.pdf>

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AGAATGATAACAGTAACACACTTCTGTTAACCTTAAGATTACTTGATCCAAGTATTCAAAGTACCCTAACGAAACGTATCAATTGAGACTAAATATAACGTACCATTAAGAGCTACCGTTCTTGTAAACCCTTAAGATTACTTGATCCACTGATTCAA...