Additional data file 5: Representation of association analysis in all informative families controlling for LD with DRB1

|                        | Transmitted | Non-transmitted | OR (95%CI) |
|------------------------|-------------|-----------------|------------|
| **Parents with DRB1 genotype S3P/S2** |             |                 |            |
| Haplotype S3P _MICA-250A | 2           | 6               |            |
| Haplotype S3P _MICA-250G (≜ S3P-MICA-250A expected) | 3           | 3               | 0.33 (0.02-5.11); |
| **Parents with DRB1 genotype S2/L** |             |                 |            |
| Haplotype S2_MICA-250A | 6           | 2               |            |
| Haplotype S2_MICA-250G (≜ S2-MICA-250A expected) | 20          | 3               | 0.45 (0.04-6.76) |
| **Parents with DRB1 genotype S3P/L** |             |                 |            |
| Haplotype S3P _MICA-250A | 22          | 10              |            |
| Haplotype S3P MICA-250G (≜ S3P-MICA-250A expected) | 10          | 2               | 0.44 (0.04-2.73) |
| **Parents homozygous for DRB1 genotype** |             |                 |            |
| MICA-250A observed | 21          | 42              | 0.50 (0.23-1.09) |
| MICA-250A expected | 31.5        | 31.5            |            |

*HLA-DRB1* alleles are classified according to Tezenas DuMontcel (see Material and Methods). All parents included in this table are informative (=heterozygous) for MICA-250. OR: odds ratio of MICA-250A on transmission. 95%CI: 95% Confidence interval