

Supplementary Table 8: SNP coverage of 100k Array for known IBD susceptibility loci. Variants of Table 4 were included (highlighted by grey shading) to calculate distances. Nucleotide positions refer to NCBI build 35 and the following gene regions were used:

IL23R: 67002085-67095564, *ATG16L1*: 234447031-234491134, *DLG5*: 78895154-79030951, *NOD2*: 50509083-50545020

| Gene | Name | rs_number | built35 | distance [kb] | CR | MAF | HWE | P _{CCA} | P _{CCG} |
|----------------|-------------------------|------------|-------------|---------------|------|------|----------|------------------|------------------|
| NOD2 | SNP 8/Arg702Trp | rs2066844 | 49,303,427 | | | | | | |
| NOD2 | | rs10521209 | 49,313,210 | 9.78 | 0.99 | 0.41 | 0.875429 | 1.26E-03 | 3.12E-03 |
| NOD2 | SNP 12/Gly908Arg | rs2066845 | 49,314,041 | 0.83 | | | | | |
| NOD2 | | rs2076756 | 49,314,382 | 0.34 | 1.00 | 0.26 | 0.529660 | 1.93E-13 | 2.04E-12 |
| NOD2 | SNP 13/Leu1007fs | rs2066847 | 49,321,279 | 6.90 | | | | | |
| IL23R | | rs2863202 | 67,296,356 | | 1.00 | 0.19 | 0.877133 | 3.92E-01 | 1.63E-01 |
| IL23R | | rs10489631 | 67,313,136 | 16.78 | 1.00 | 0.44 | 0.780629 | 5.81E-01 | 7.08E-01 |
| IL23R | | rs1321156 | 67,316,723 | 3.59 | 0.96 | 0.14 | 0.101553 | 3.73E-01 | 6.84E-01 |
| IL23R | | rs10489630 | 67,374,643 | 57.92 | 0.98 | 0.38 | 0.724107 | 1.39E-01 | 1.09E-01 |
| IL23R | | rs2863212 | 67,397,137 | 22.49 | 0.95 | 0.12 | 0.189607 | 3.38E-01 | 4.78E-01 |
| IL23R | | rs10489629 | 67,400,370 | 3.23 | 1.00 | 0.43 | 0.558801 | 9.62E-02 | 2.30E-01 |
| IL23R | | rs10489628 | 67,416,128 | 15.76 | 0.95 | 0.37 | 0.749220 | 5.27E-01 | 3.89E-01 |
| IL23R | Arg381Gln | rs11209026 | 67,417,979 | 1.85 | | | | | |
| IL23R | | rs4319296 | 67,489,611 | 71.63 | 1.00 | 0.03 | 0.232389 | 3.03E-01 | 2.46E-01 |
| IL23R | | rs10489627 | 67,491,697 | 2.09 | 0.99 | 0.33 | 0.801662 | 3.44E-01 | 2.71E-01 |
| DLG5 | | rs1344967 | 79,197,624 | | 1.00 | 0.28 | 0.459024 | 7.95E-01 | 3.79E-01 |
| DLG5 | | rs1561438 | 79,198,099 | 0.48 | 0.95 | 0.27 | 0.248734 | 6.30E-01 | 2.94E-01 |
| DLG5 | DLG5 e26 | - | 79,236,487 | 38.39 | | | | | |
| DLG5 | Pro1371Gln | rs2289310 | 79,240,879 | 4.39 | | | | | |
| DLG5 | | rs1866435 | 79,246,939 | 6.06 | 0.97 | 0.02 | 0.074601 | 6.64E-01 | 9.03E-01 |
| DLG5 | | rs1248630 | 79,253,862 | 6.92 | 0.93 | 0.27 | 0.993150 | 3.14E-01 | 1.16E-01 |
| DLG5 | | rs1248671 | 79,273,832 | 19.97 | 0.99 | 0.35 | 0.565555 | 2.98E-01 | 4.21E-01 |
| DLG5 | Arg30Gln | rs1248696 | 79,286,611 | 12.78 | | | | | |
| DLG5 | | rs7895188 | 79,293,384 | 6.77 | 0.98 | 0.32 | 0.838004 | 7.79E-02 | 1.60E-01 |
| DLG5 | | rs10509396 | 79,412,406 | 119.02 | 1.00 | 0.00 | 0.980005 | 3.21E-01 | -1.00E+00 |
| ATG16L1 | Thr300Ala | rs2241880 | 233,965,368 | | | | | | |
| ATG16L1 | | - | - | | - | | - | - | - |