## S7 Table. Association statistics comparison with and without the 85 FDCM cases

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|  | **All cases**  |  **Without 85 FDCM cases** |  |
| SNP rs number | MAF | P-value  | MAF | P-value | Gene |
| rs848210 | A: 0.44 | 6.3x10-07 | A: 0.44 | 1.8x10-06 | SPEN |
| rs10927875 | A: 0.32  | 8.1x10-13 | A: 0.31  | 5.2x10-12 | ZBTB17 |
| rs3829746 | G: 0.24  | 3.4x10-07 | G: 0.23  | 5.8x10-07 | TTN |
| rs13107325 | A: 0.08  | 6.0x10-07 | A: 0.08  | 3.3x10-06 | SLC39A8 |
| rs4712056 | G: 0.35  | 5.1x10-07 | G: 0.35  | 6.3x10-07 | MLIP |
| rs2291569 | A: 0.08  | 8.7x10-11 | A: 0.08  | 6.5x10-11 | FLNC |
| rs2234962 | G: 0.19  | 1.7x10-25 | G: 0.19  | 7.6x10-25 | BAG3 |
| rs3188055 | G: 0.33  | 1.1x10-08 | G: 0.34  | 4.5x10-08 | INPP5F |
| \*rs1051168 | A: 0.29  | 4.1x10-07 | A: 0.30  | 2.7x10-07 | NMB |
| \*rs3803403 | G: 0.29  | 2.9x10-07 | G: 0.30  | 2.0x10-07 | ALPK3 |
| rs2303510 | A: 0.32  | 1.5x10-07 | A: 0.31  | 3.2x10-07 | FHOD3 |

MAF, minor allele frequency. For gene symbols, refer to table 1. \*For rs1051168 (*NMB*) and rs3803403 (*ALPK3*) the result of the dominant model is shown as it is better supported than the additive test which is presented for all other variants.