

Table S2A and B. Linkage disequilibrium measures D' (lower triangle) and r² (upper triangle) for *TCF7L2* SNPs in controls (A) and cases (B)

A: Controls

| | rs11196175 | rs7079711 | rs11196181 | rs17747324 | rs7901695 | rs7903146 | rs7896811 | rs11196192 | rs11196199 | rs17685538 | rs7895340 | rs11196205 | rs12255372 | rs11196213 | rs11196228 | rs290494 | rs1555485 |
|------------|------------|-----------|------------|------------|-----------|-----------|-----------|------------|------------|------------|-----------|------------|------------|------------|------------|----------|-----------|
| rs11196175 | | | | | | | | | | | | | | | | | |
| rs7079711 | .01 | | | | | | | | | | | | | | | | |
| rs11196181 | .54 | .60 | | | | | | | | | | | | | | | |
| rs17747324 | .57 | .16 | 1.00 | | | | | | | | | | | | | | |
| rs7901695 | .49 | .16 | 1.00 | .99 | | | | | | | | | | | | | |
| rs7903146 | .54 | .78 | 1.00 | .80 | 1.00 | | | | | | | | | | | | |
| rs7896811 | .07 | .30 | .98 | 1.00 | 1.00 | .97 | | | | | | | | | | | |
| rs11196192 | .36 | .66 | 1.00 | .99 | .90 | .89 | 1.00 | | | | | | | | | | |
| rs11196199 | .14 | .26 | .94 | .51 | .63 | .59 | .98 | 1.00 | | | | | | | | | |
| rs17685538 | .48 | .28 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | | | | | | | | |
| rs7895340 | .76 | .39 | .93 | .97 | .99 | .99 | .98 | 1.00 | 1.00 | 1.00 | | | | | | | |
| rs11196205 | .75 | .38 | .93 | .97 | .99 | .99 | .98 | 1.00 | .99 | 1.00 | 1.00 | | | | | | |
| rs12255372 | .57 | .92 | 1.00 | .69 | .92 | .91 | 1.00 | .98 | 1.00 | 1.00 | .97 | 1.00 | | | | | |
| rs11196213 | .59 | .18 | .92 | .54 | .64 | .56 | .89 | 1.00 | .90 | .96 | .83 | .84 | .70 | | | | |
| rs11196228 | .35 | .02 | .02 | .79 | 1.00 | 1.00 | .16 | .02 | .27 | .46 | .38 | .39 | .68 | .48 | | | |
| rs290494 | .67 | .21 | .16 | .16 | .02 | .26 | .05 | .17 | .04 | .50 | .17 | .17 | .14 | .14 | 1.00 | | |
| rs1555485 | .50 | .17 | .63 | .70 | .42 | .64 | .14 | .03 | .12 | .10 | .03 | .02 | .57 | .03 | .85 | .06 | |

B: Cases

| | rs11196175 | rs7079711 | rs11196181 | rs17747324 | rs7901695 | rs7903146 | rs7896811 | rs11196192 | rs11196199 | rs17685538 | rs7895340 | rs11196205 | rs12255372 | rs11196213 | rs11196228 | rs290494 | rs1555485 |
|------------|------------|-----------|------------|------------|-----------|-----------|-----------|------------|------------|------------|-----------|------------|------------|------------|------------|----------|-----------|
| rs11196175 | | | | | | | | | | | | | | | | | |
| rs7079711 | .01 | | | | | | | | | | | | | | | | |
| rs11196181 | .48 | .76 | | | | | | | | | | | | | | | |
| rs17747324 | .60 | .25 | 1.00 | | | | | | | | | | | | | | |
| rs7901695 | .55 | .29 | 1.00 | .99 | | | | | | | | | | | | | |
| rs7903146 | .55 | .69 | 1.00 | .89 | .99 | | | | | | | | | | | | |
| rs7896811 | .06 | .33 | .99 | 1.00 | 1.00 | 1.00 | | | | | | | | | | | |
| rs11196192 | .24 | 1.00 | 1.00 | .99 | .89 | .82 | 1.00 | | | | | | | | | | |
| rs11196199 | .09 | .29 | .96 | .57 | .64 | .61 | .98 | 1.00 | | | | | | | | | |
| rs17685538 | .69 | .32 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | .98 | 1.00 | | | | | | | | |
| rs7895340 | .81 | .29 | .95 | .99 | .99 | .99 | .98 | 1.00 | 1.00 | 1.00 | | | | | | | |
| rs11196205 | .81 | .29 | .95 | .99 | .99 | .98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | | | | | | |
| rs12255372 | .59 | .94 | 1.00 | .70 | .93 | .93 | 1.00 | 1.00 | 1.00 | 1.00 | .98 | .99 | | | | | |
| rs11196213 | .59 | .08 | .96 | .57 | .66 | .62 | .87 | 1.00 | .90 | .99 | .83 | .83 | .73 | | | | |
| rs11196228 | .14 | .00 | .12 | .47 | .46 | .38 | .04 | .01 | .02 | 1.00 | .02 | .03 | .01 | .16 | | | |
| rs290494 | .68 | .09 | .16 | .32 | .28 | .52 | .15 | .01 | .24 | .65 | .22 | .21 | .43 | .26 | .84 | | |
| rs1555485 | .50 | .11 | .68 | .74 | .57 | .64 | .11 | .03 | .11 | .19 | .11 | .10 | .57 | .09 | .53 | .15 | |