**Supplementary Table 10. Gene prioritization strategies at MS severity loci**

| Variant | Chr | Position (bp) | Gene body ± 100kb | closest TSS | Coding variants[a] | Fine-mapped QTL[a] | V2G | cS2G |
|---|---|---|---|---|---|---|---|---|
| rs10191329 | 2 | 71676999 | DYSF, ZNF638 | DYSF | - | ZNF638 | - | DYSF (EpiMap=1) |
| rs149097173 | 1 | 172370873 | DNM3, PIGC, C1orf105 | C1orf105 | - | - | - | PIGC (ABC=1), C1orf105 (EpiMap=1) |

[a] Only evidence from variants in strong LD ($r^2 > 0.6$) with the lead variant is reported.
bp, base pair (GRCh37); Chr, chromosome; cS2G, combined SNP-to-gene (doi:10.1101/2021.08.02.21261488); TSS, transcription start site; V2G, Variant to Gene (Open Targets Genetics)