**Supplementary Table e-2. Functional annotation of SNPs in LD with *AHI1* MS susceptibility variant.** Data were extracted from RegulomeDB and HaploRegV4.1.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SNP ref ID** | **RegulomeDB score** | **Motif** | **TFBS** | **Dnase** | **Chromatin Marks** | **eQTL** |
| rs6908428 | 6 | 6 altered motifs |  |  |  | YES |
| rs12206850 | 6 | Eomes |  |  |  | YES |
| rs11154803 | 6 | 5 altered motifs |  |  |  |  |
| rs4526212 | 6 | Evi-1 |  |  |  | YES |
| rs13197384 | 1a | 13 altered motifs | YES | YES | Promoter | YES |
| rs7750586 | 1f |  | YES | YES | Promoter/Enhancer | YES |
| rs4896153 | 6 | ISL2, NKX3-2, PWM |  |  |  |  |
| rs58761508 | no data |  |  |  | Enhancer |  |
| rs9385726 | no data | NER1a, Nkx3, PU.1 |  |  | Enhancer |  |
| rs9647635 | 6 | 4 altered motifs |  |  |  | YES |
| rs9399148 | 1f | GR | YES | YES | Enhancer | YES |