Table S1 - Results from RegulomeDB, showing the evidence that SNPs in the associated *MMP12* region have a regulatory function

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| --- | --- | --- | --- |
| Linkage Disequilibrium with rs660599 | SNP | p-value | Evidence from RegulomeDB |
| **r2=1** | rs615098 | 2.9x10-7 | No data |
| rs626750 | 1.9x10-7 | No data |
| **rs586701** | **1.8x10-7** | **Score 2b: likely to affect binding** |
| rs644885 | 2.8x10-7 | Score 6: minimal binding evidence |
| rs654600 | 2.3x10-7 | No data |
| rs660599 | 2.5x10-7 | No data |
| rs674546 | 2.7x10-7 | No data |
| **r2=0.99** | rs608194 | 2.2x10-7 | No data |
| rs662558 | 1.4x10-7 | Score 6: minimal binding evidence |
| **0.60 < r2 < 0.64** | rs116187470 | 2.2x10-6 | Score 6: minimal binding evidence |
| rs114176245 | 5.5x10-6 | No data |
| rs17361668 | 7.0x10-6 | Score 4: minimal binding evidence |
| rs72981675 | 7.5x10-6 | No data |
| rs72981680 | 7.2x10-6 | Score 5: minimal binding evidence |
| rs72981683 | 4.7x10-6 | Score 5: minimal binding evidence |
| rs72981684 | 6.6x10-6 | No data |
| rs737693 | 6.6x10-6 | No data |
| rs72981698 | 6.6x10-6 | Score 6: minimal binding evidence |
| rs72983508 | 6.6x10-6 | Score 5: minimal binding evidence |
| rs72983513 | 5.7x10-6 | Score 6: minimal binding evidence |
| rs28381684 | 6.3x10-6 | Score 6: minimal binding evidence |
| rs17368582 | 4.6x10-6 | Score 6: minimal binding evidence |
| rs17368659 | 7.3x10-6 | No data |
| **rs2276109** | 6.6x10-6 | **Score 2b: likely to affect binding** |
| rs17368814 | 7.5x10-6 | Score 4: minimal binding evidence |

Scores indicate the following degrees of evidence: Score 2b, TF binding + any motif + DNase Footprint + DNase peak; Score 4, TF binding + DNase peak; Score 5, TF binding or DNase peak; Score 6, other; “No data” indicates that RegulomeDB holds no information about the given SNP, meaning there currently exists no evidence to suggest that the SNP has a regulatory function. In some cases this may indicate that the SNP falls within a protein-coding region. SNP, single nucleotide polymorphism.