|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table S8. TFs binding sites prediction results using FIMO tool. | | |  |  |  |  |  |  |  |
| motif\_id | motif\_alt\_id | sequence\_name | start | stop | strand | score | p-value | q-value | matched\_sequence |
| MA1481.1 | MA1481.1.DRGX | range=chr12 | 40690059 | 40690066 | + | 11.02 | 4.35E-05 | 0.126 | CTAATTAG |
| MA1481.1 | MA1481.1.DRGX | range=chr12 | 40690059 | 40690066 | - | 11.02 | 4.35E-05 | 0.126 | CTAATTAG |
| MA0718.1 | MA0718.1.RAX | range=chr12 | 40690058 | 40690067 | + | 11.2712 | 5.26E-05 | 0.279 | GCTAATTAGA |
| MA0912.2 | MA0912.2.HOXD3 | range=chr12 | 40690059 | 40690066 | + | 12.2 | 6.14E-05 | 0.179 | CTAATTAG |
| MA0912.2 | MA0912.2.HOXD3 | range=chr12 | 40690059 | 40690066 | - | 12.2 | 6.14E-05 | 0.179 | CTAATTAG |