

| Biogroup name | source | common genes | direction | p-value |
|--|-------------------|---------------------|------------------|----------------|
| TCF3 binding site geneset 5 | Regulatory Motifs | 236 | up | 9.40E-59 |
| MLLT7 binding site geneset 3 | Regulatory Motifs | 204 | up | 3.40E-53 |
| Unknown transcription factor binding site geneset 3 | Regulatory Motifs | 191 | up | 4.90E-51 |
| SP1 binding site geneset 6 | Regulatory Motifs | 280 | down | 1.60E-46 |
| ELK1 binding site geneset 3 | Regulatory Motifs | 158 | down | 1.80E-42 |
| NFAT NFATC binding site geneset 3 | Regulatory Motifs | 172 | up | 6.30E-40 |
| MAZ binding site geneset 2 | Regulatory Motifs | 184 | up | 8.80E-36 |
| Targets of MicroRNA TGAATGT,MIR-181A,MIR-181B,MIR-181C,MIR-181D | Regulatory Motifs | 74 | up | 1.60E-31 |
| Targets of MicroRNA ATGTACA,MIR-493 | Regulatory Motifs | 60 | up | 2.50E-31 |
| Targets of MicroRNA TGTTTAC,MIR-30A-5P,MIR-30C,MIR-30D,MIR-30B,MIR-30A | Regulatory Motifs | 79 | up | 4.90E-30 |
| Targets of MicroRNA TGCTGCT,MIR-15A,MIR-16,MIR-15B,MIR-195,MIR-4 | Regulatory Motifs | 80 | up | 8.30E-30 |
| Targets of MicroRNA CTTTGTA,MIR-524 | Regulatory Motifs | 66 | up | 5.90E-29 |
| Targets of MicroRNA ATATGCA,MIR-448 | Regulatory Motifs | 46 | up | 1.80E-27 |
| PAX4 binding site geneset 5 | Regulatory Motifs | 117 | up | 6.70E-27 |
| REPIN1 binding site geneset 1 | Regulatory Motifs | 150 | down | 2.00E-26 |
| LEF1 binding site geneset 4 | Regulatory Motifs | 150 | up | 2.70E-26 |
| LEF1 binding site geneset 3 | Regulatory Motifs | 111 | up | 3.90E-26 |
| Targets of MicroRNA TTGCACT,MIR-130A,MIR-301,MIR-130B | Regulatory Motifs | 61 | up | 8.60E-26 |
| Targets of MicroRNA GTGCCTT,MIR-506 | Regulatory Motifs | 81 | up | 1.10E-25 |
| FOXF2 binding site geneset 3 | Regulatory Motifs | 92 | up | 1.30E-24 |
| MYOD1 binding site geneset 4 | Regulatory Motifs | 92 | up | 2.50E-24 |
| Targets of MicroRNA AATGTGA,MIR-23A,MIR-23B | Regulatory Motifs | 59 | up | 9.20E-24 |
| MEF2A binding site geneset 3 | Regulatory Motifs | 78 | up | 9.60E-24 |
| Targets of MicroRNA TATTATA,MIR-374 | Regulatory Motifs | 49 | up | 1.20E-23 |
| Targets of MicroRNA CAGTATT,MIR-200B,MIR-200C,MIR-429 | Regulatory Motifs | 62 | up | 3.70E-23 |
| Targets of MicroRNA TACTTGA,MIR-26A,MIR-26B | Regulatory Motifs | 49 | up | 5.00E-23 |
| Targets of MicroRNA TTTGCAC,MIR-19A,MIR-19B | Regulatory Motifs | 65 | up | 6.90E-23 |
| ETS2 binding site geneset 2 | Regulatory Motifs | 113 | down | 1.30E-22 |
| Targets of MicroRNA TGCCTTA,MIR-124A | Regulatory Motifs | 67 | up | 1.50E-22 |
| Targets of MicroRNA GCACTTT,MIR-17-5P,MIR-20A,MIR-106A,MIR-106B,MIR-106C | Regulatory Motifs | 68 | up | 1.10E-21 |
| Targets of MicroRNA TGCACTG,MIR-148A,MIR-152,MIR-148B | Regulatory Motifs | 48 | up | 2.30E-21 |
| Unknown transcription factor binding site geneset 142 | Regulatory Motifs | 86 | up | 7.70E-21 |
| Targets of MicroRNA ACCAAAG,MIR-9 | Regulatory Motifs | 60 | up | 2.30E-20 |
| Unknown transcription factor binding site geneset 149 | Regulatory Motifs | 66 | up | 2.00E-19 |
| MEIS1 binding site geneset 4 | Regulatory Motifs | 78 | up | 2.20E-19 |