Table S1: Top 10 motifs with highest affinity scores for *ATG5* promoter region

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Chromosome | Start | End | Peaks | Transcription factors (TFs) | TFs affinities |
| 6 | 106325764 | 106325860 | 6:106325763-106325860 | MXI1 | 0.895598 |
| 6 | 106325764 | 106325860 | 6:106325763-106325860 | CREB1 | 0.774078 |
| 6 | 106325764 | 106325860 | 6:106325763-106325860 | MYCN | 0.524294 |
| 6 | 106325764 | 106325860 | 6:106325763-106325860 | MAX | 0.42564 |
| 6 | 106325764 | 106325860 | 6:106325763-106325860 | MYC | 0.324955 |
| 6 | 106325764 | 106325860 | 6:106325763-106325860 | JUN | 0.204571 |
| 6 | 106325764 | 106325860 | 6:106325763-106325860 | MNT | 0.179946 |
| 6 | 106325764 | 106325860 | 6:106325763-106325860 | ATF7 | 0.143572 |
| 6 | 106325764 | 106325860 | 6:106325763-106325860 | NFIX | 0.112731 |
| 6 | 106325764 | 106325860 | 6:106325763-106325860 | TFEC | 0.096109 |