

ST2: List of the predicted transcription factor binding sites occurring at miR-21 TSS

| Sequence name | Factor name | Start position | End position | Dissimilarity | String | RE equally | RE query |
|---------------|-----------------------------|----------------|--------------|---------------|---------------|------------|----------|
| Sequence | Ik-1 [T02702] | 715 | 727 | 2.374299 | CAAAGTGCTGGGA | 0.00027 | 0.00013 |
| Sequence | RelA [T00594] | 400 | 410 | 1.189568 | ATGGGAAACTC | 0.00167 | 0.00133 |
| Sequence | RBP-Jkappa [T01616] | 397 | 408 | 7.907372 | GAAATGGGAAAC | 0.00262 | 0.00245 |
| Sequence | IRF-1 [T00423] | 357 | 365 | 0 | AAAGGGAAA | 0.00335 | 0.00567 |
| Sequence | NF-kappaB [T00590] | 401 | 412 | 11.379879 | TGGGAAACTCGA | 0.009 | 0.00704 |
| Sequence | RBP-Jkappa [T01616] | 155 | 166 | 11.437181 | ACTTCCCAAGTG | 0.00754 | 0.00781 |
| Sequence | RBP-Jkappa [T01616] | 262 | 273 | 8.425028 | CCCATGGGAAAA | 0.00911 | 0.00841 |
| Sequence | T3R-beta1 [T00851] | 654 | 662 | 11.145411 | TCACCGTGT | 0.0134 | 0.00841 |
| Sequence | CTF [T00174] | 79 | 90 | 6.387815 | GAGCCAATGGAA | 0.00879 | 0.00846 |
| Sequence | RBP-Jkappa [T01616] | 6 | 17 | 9.774182 | CTACTGGGAAAT | 0.00963 | 0.00874 |
| Sequence | HNF-4alpha [T03828] | 195 | 207 | 10.773603 | CAAAGTATTAGAC | 0.00714 | 0.01072 |
| Sequence | Sp1 [T00759] | 694 | 703 | 4.333247 | GATCCGCCCG | 0.03768 | 0.01364 |
| Sequence | RelA [T00594] | 9 | 19 | 10.920625 | CTGGGAAATTT | 0.01633 | 0.01375 |
| Sequence | USF1 [T00874] | 604 | 613 | 4.779174 | CACGTGCCAC | 0.0201 | 0.01398 |
| Sequence | POU2F2 (Oct-2.1) [T00646] | 25 | 35 | 7.84518 | TGTCTTAGACT | 0.00754 | 0.01398 |
| Sequence | HIF-1 [T01609] | 605 | 613 | 2.735708 | ACGTGCCAC | 0.0201 | 0.01428 |
| Sequence | STAT5A [T04683] | 332 | 344 | 9.952027 | TCTTTTCTGTAAA | 0.00824 | 0.01506 |
| Sequence | STAT5A [T04683] | 637 | 649 | 9.952027 | TTAATAGAAACAG | 0.00824 | 0.01506 |
| Sequence | RelA [T00594] | 265 | 275 | 11.73191 | ATGGGAAAATG | 0.01758 | 0.01515 |
| Sequence | POU2F2 (Oct-2.1) [T00646] | 165 | 175 | 10.353601 | TGGATTAAAAA | 0.01005 | 0.01552 |
| Sequence | HNF-4alpha [T03828] | 715 | 727 | 12.669538 | CAAAGTGCTGGGA | 0.01209 | 0.01687 |
| Sequence | RelA [T00594] | 411 | 421 | 14.684224 | GAGGGAAGCAC | 0.02345 | 0.01834 |
| Sequence | USF1 [T00874] | 600 | 609 | 4.038983 | CAGGCACGTG | 0.03517 | 0.0214 |
| Sequence | SRY [T00997] | 191 | 199 | 0 | ATAACAAAG | 0.0134 | 0.02217 |
| Sequence | Elk-1 [T00250] | 156 | 164 | 13.824493 | CTTCCCAAG | 0.0201 | 0.02231 |
| Sequence | POU2F2 (Oct-2.1) [T00646] | 851 | 861 | 5.123481 | TGTTTTAAAAA | 0.01068 | 0.02287 |
| Sequence | T3R-beta1 [T00851] | 211 | 219 | 1.110682 | CTGAGGTGA | 0.03349 | 0.02299 |
| Sequence | HIF-1 [T01609] | 600 | 608 | 1.730353 | CAGGCACGT | 0.04019 | 0.0242 |
| Sequence | STAT1beta [T01573] | 8 | 17 | 2.898434 | ACTGGGAAAT | 0.02261 | 0.02535 |
| Sequence | RAR-beta:RXR-alpha [T05420] | 553 | 564 | 12.463326 | GGGTTCAAGCGA | 0.05746 | 0.02822 |
| Sequence | HNF-4alpha [T03828] | 454 | 466 | 14.354411 | TTTTTGTTCTTTG | 0.0229 | 0.0311 |

| | | | | | | | |
|----------|-------------------------------|-----|-----|-----------|-------------|---------|---------|
| Sequence | NF-AT1 [T01948] | 86 | 95 | 5.512555 | TGGAAAGTAA | 0.02596 | 0.03134 |
| Sequence | IRF-1 [T00423] | 8 | 16 | 4.549799 | ACTGGGAAA | 0.02345 | 0.03249 |
| Sequence | Elk-1 [T00250] | 410 | 418 | 9.754368 | CGAGGGAAAG | 0.04689 | 0.03311 |
| Sequence | p53 [T00671] | 745 | 751 | 4.645444 | CGCGCCC | 0.10718 | 0.03485 |
| Sequence | AP-1 [T00029] | 217 | 225 | 14.821833 | TGACTTGAA | 0.04019 | 0.03649 |
| Sequence | NF-AT2 [T01945] | 268 | 277 | 10.887961 | GGAAAATGAT | 0.03014 | 0.0376 |
| Sequence | PXR-1:RXR-alpha [T05671] | 552 | 559 | 4.213958 | CGGGTTCA | 0.05359 | 0.04027 |
| Sequence | IRF-1 [T00423] | 83 | 91 | 3.602021 | CAATGGAAA | 0.03014 | 0.04051 |
| Sequence | LEF-1 [T02905] | 799 | 806 | 2.345041 | CTTTGCTG | 0.04019 | 0.04346 |
| Sequence | NF-AT2 [T01945] | 87 | 96 | 10.644445 | GGAAAGTAAT | 0.03684 | 0.04557 |
| Sequence | HNF-3alpha [T02512] | 633 | 640 | 1.342935 | TATTTTAA | 0.0134 | 0.04642 |
| Sequence | PXR-1:RXR-alpha [T05671] | 311 | 318 | 1.63615 | TGAACTTT | 0.02679 | 0.04656 |
| Sequence | NF-AT1 [T00550] | 361 | 369 | 10.06774 | GGAAATGAC | 0.05359 | 0.04713 |
| Sequence | NF-AT1 [T00550] | 403 | 411 | 10.170774 | GGAAACTCG | 0.05359 | 0.04713 |
| Sequence | MEF-2A [T01005] | 248 | 258 | 7.982343 | TATTTTTCTTT | 0.01758 | 0.0481 |
| Sequence | NF-AT1 [T00550] | 268 | 276 | 8.532897 | GGAAAATGA | 0.04689 | 0.05012 |
| Sequence | RAR-beta [T00721] | 552 | 561 | 4.326039 | CGGGTTCAAG | 0.06364 | 0.05054 |
| Sequence | RAR-beta [T00721] | 648 | 657 | 4.252176 | AGGGTTTCAC | 0.06364 | 0.05054 |
| Sequence | PPAR-alpha:RXR-alpha [T05221] | 497 | 507 | 14.659739 | TTGCCCAAGTT | 0.06782 | 0.05126 |
| Sequence | IRF-1 [T00423] | 399 | 407 | 2.93326 | AATGGGAAA | 0.03349 | 0.05424 |
| Sequence | PEA3 [T00685] | 376 | 384 | 4.30818 | AGGATGAGT | 0.06029 | 0.05746 |
| Sequence | NF-AT2 [T01945] | 12 | 21 | 9.905562 | GGAAATTTGT | 0.03852 | 0.05769 |
| Sequence | T3R-beta1 [T00851] | 259 | 267 | 6.664094 | TCACCCATG | 0.09378 | 0.05852 |
| Sequence | TCF-4E [T02878] | 799 | 805 | 0 | CTTTGCT | 0.05359 | 0.0608 |
| Sequence | IRF-1 [T00423] | 264 | 272 | 5.006272 | CATGGGAAA | 0.05694 | 0.06114 |
| Sequence | HNF-1B [T01950] | 102 | 110 | 10.655798 | TGTTACATA | 0.03684 | 0.06124 |
| Sequence | HNF-1C [T01951] | 176 | 184 | 12.481385 | GTTAAAACT | 0.04019 | 0.06533 |
| Sequence | HNF-1C [T01951] | 661 | 669 | 12.499603 | GTTAGCCAG | 0.04019 | 0.06533 |
| Sequence | RAR-beta [T00721] | 466 | 475 | 9.622793 | GGGGTTTTTTT | 0.09378 | 0.06734 |
| Sequence | NF-1 [T00539] | 497 | 504 | 6.722386 | TTGCCCAA | 0.10718 | 0.06872 |
| Sequence | E2F-1 [T01542] | 693 | 700 | 10.134154 | TGATCCGC | 0.14737 | 0.06899 |
| Sequence | NF-1 [T00539] | 527 | 534 | 4.135372 | TTGGCTCA | 0.10718 | 0.06974 |
| Sequence | NFI/CTF [T00094] | 82 | 89 | 5.021086 | CCAATGGA | 0.10718 | 0.07058 |

| | | | | | | | |
|----------|---------------------------|-----|-----|-----------|-------------|---------|---------|
| Sequence | E2F-1 [T01542] | 540 | 547 | 12.813402 | ACCTCCGC | 0.20096 | 0.07366 |
| Sequence | STAT1beta [T01573] | 357 | 366 | 9.807397 | AAAGGGAAAT | 0.06531 | 0.07527 |
| Sequence | POU2F2 (Oct-2.1) [T00646] | 236 | 246 | 14.505223 | TGATTTTCACT | 0.03391 | 0.07816 |
| Sequence | E2F-1 [T01542] | 697 | 704 | 11.888116 | CCGCCCGC | 0.20096 | 0.07989 |
| Sequence | SRY [T00997] | 352 | 360 | 13.352057 | GAGGCAAAG | 0.10718 | 0.08389 |
| Sequence | SRY [T00997] | 462 | 470 | 13.352057 | CTTTGGGGT | 0.10718 | 0.08389 |
| Sequence | SRY [T00997] | 711 | 719 | 13.352057 | CTCCCAAAG | 0.10718 | 0.08389 |
| Sequence | VDR [T00885] | 555 | 563 | 3.462841 | GTTCAAGCG | 0.09378 | 0.08403 |
| Sequence | LEF-1 [T02905] | 22 | 29 | 9.72404 | CTTTGTCT | 0.09378 | 0.09254 |
| Sequence | LEF-1 [T02905] | 353 | 360 | 9.72404 | AGGCAAAG | 0.09378 | 0.09254 |
| Sequence | LEF-1 [T02905] | 462 | 469 | 9.313676 | CTTTGGGG | 0.09378 | 0.09254 |
| Sequence | NF-1 [T00539] | 156 | 163 | 8.790071 | CTTCCCAA | 0.10718 | 0.09638 |
| Sequence | NF-1 [T00539] | 579 | 586 | 8.790071 | CCTCCCAA | 0.10718 | 0.09638 |
| Sequence | NF-1 [T00539] | 710 | 717 | 8.790071 | CCTCCCAA | 0.10718 | 0.09638 |
| Sequence | NF-Y [T00150] | 143 | 150 | 2.420868 | ATTGGTAG | 0.09378 | 0.09653 |
| Sequence | RXR-alpha [T01345] | 553 | 559 | 0 | GGGTTCA | 0.10718 | 0.09656 |
| Sequence | NF-AT1 [T00550] | 87 | 95 | 7.744746 | GGAAAGTAA | 0.08708 | 0.09705 |
| Sequence | p53 [T00671] | 696 | 702 | 5.133514 | TCCGCC | 0.21436 | 0.09784 |
| Sequence | STAT1beta [T01573] | 399 | 408 | 14.492168 | AATGGGAAAC | 0.09043 | 0.09929 |
| Sequence | NF-1 [T00539] | 706 | 713 | 8.191058 | TTGGCCTC | 0.10718 | 0.1004 |
| Sequence | c-Ets-1 [T00112] | 412 | 418 | 5.686398 | AGGGAAG | 0.16077 | 0.10046 |
| Sequence | RXR-alpha [T01345] | 467 | 473 | 3.170788 | GGGTTTT | 0.10718 | 0.1005 |
| Sequence | NF-AT1 [T00550] | 12 | 20 | 9.042733 | GGAAATTTG | 0.10048 | 0.10476 |
| Sequence | NF-Y [T00150] | 79 | 86 | 2.12821 | GAGCCAAT | 0.09378 | 0.10618 |
| Sequence | c-Myb [T00137] | 679 | 686 | 6.04018 | AAACTGAC | 0.09378 | 0.1066 |
| Sequence | p53 [T00671] | 496 | 502 | 3.024997 | GTTGCC | 0.21436 | 0.10711 |
| Sequence | p53 [T00671] | 803 | 809 | 2.813291 | GCTGCC | 0.21436 | 0.10711 |
| Sequence | GCF [T00320] | 741 | 749 | 5.917256 | CCACCGCGC | 0.28134 | 0.11041 |
| Sequence | HNF-1C [T01951] | 39 | 47 | 14.531284 | AAGTGTAAC | 0.07703 | 0.11759 |
| Sequence | GR [T05076] | 20 | 26 | 5.207533 | GTCTTTG | 0.10718 | 0.12086 |
| Sequence | LEF-1 [T02905] | 192 | 199 | 2.004405 | TAACAAAG | 0.08038 | 0.12301 |
| Sequence | c-Myb [T00137] | 501 | 508 | 6.539977 | CCAAGTTG | 0.13397 | 0.1239 |
| Sequence | c-Myb [T00137] | 809 | 816 | 6.454077 | CTCAGTTG | 0.13397 | 0.1239 |

| | | | | | | | |
|----------|---------------------|-----|-----|-----------|-----------|---------|---------|
| Sequence | Pax-5 [T00070] | 745 | 751 | 1.537547 | CGCGCCC | 0.32153 | 0.12732 |
| Sequence | c-Myc [T00140] | 604 | 609 | 0 | CACGTG | 0.21436 | 0.13757 |
| Sequence | AP-2alphaA [T00035] | 351 | 356 | 2.550491 | TGAGGC | 0.21436 | 0.13758 |
| Sequence | AP-2alphaA [T00035] | 572 | 577 | 2.550491 | GCCTCA | 0.21436 | 0.13758 |
| Sequence | ATF3 [T01313] | 825 | 832 | 6.744803 | TGACATCA | 0.12057 | 0.13867 |
| Sequence | HNF-1C [T01951] | 103 | 111 | 8.002145 | GTTACATAG | 0.08708 | 0.14043 |
| Sequence | HNF-1B [T01950] | 387 | 395 | 13.422482 | ACAATAACC | 0.10383 | 0.14245 |
| Sequence | HNF-1C [T01951] | 386 | 394 | 9.601936 | AACAATAAC | 0.08708 | 0.14282 |
| Sequence | E2F-1 [T01542] | 740 | 747 | 13.578236 | GCCACCCGC | 0.32153 | 0.14301 |
| Sequence | ENKTF-1 [T00255] | 749 | 756 | 8.19852 | CCCGGCCA | 0.32153 | 0.15498 |
| Sequence | c-Ets-1 [T00112] | 156 | 162 | 5.814485 | CTTCCCA | 0.16077 | 0.15542 |
| Sequence | RXR-alpha [T01345] | 74 | 80 | 5.271235 | GGGTAGA | 0.26794 | 0.1602 |
| Sequence | SRY [T00997] | 22 | 30 | 7.175614 | CTTTGTCTT | 0.13397 | 0.16163 |
| Sequence | SRY [T00997] | 799 | 807 | 7.175614 | CTTTGCTGC | 0.13397 | 0.16163 |
| Sequence | NF-1 [T00539] | 78 | 85 | 6.948522 | AGAGCCAA | 0.21436 | 0.17023 |
| Sequence | NF-1 [T00539] | 445 | 452 | 6.948522 | TTGGTTCG | 0.21436 | 0.17023 |
| Sequence | c-Myb [T00137] | 180 | 187 | 8.728118 | AAACTTAC | 0.13397 | 0.17967 |
| Sequence | ATF3 [T01313] | 683 | 690 | 10.117205 | TGACCTCA | 0.17416 | 0.19022 |
| Sequence | c-Jun [T00133] | 825 | 831 | 7.538568 | TGACATC | 0.21436 | 0.1942 |
| Sequence | AP-2alphaA [T00035] | 599 | 604 | 0.226186 | CCAGGC | 0.42871 | 0.19671 |
| Sequence | AP-2alphaA [T00035] | 666 | 671 | 0.226186 | CCAGGC | 0.42871 | 0.19671 |
| Sequence | AP-2alphaA [T00035] | 546 | 551 | 1.871933 | GCCTCC | 0.42871 | 0.19693 |
| Sequence | AP-2alphaA [T00035] | 578 | 583 | 1.871933 | GCCTCC | 0.42871 | 0.19693 |
| Sequence | AP-2alphaA [T00035] | 709 | 714 | 1.871933 | GCCTCC | 0.42871 | 0.19693 |
| Sequence | PR B [T00696] | 760 | 766 | 0 | CACTGTT | 0.16077 | 0.19738 |
| Sequence | PR B [T00696] | 835 | 841 | 8.827054 | AACAGAT | 0.16077 | 0.19738 |
| Sequence | PR B [T00696] | 860 | 866 | 8.827054 | AACAGCT | 0.16077 | 0.19738 |
| Sequence | PR A [T01661] | 760 | 766 | 0 | CACTGTT | 0.16077 | 0.19738 |
| Sequence | PR A [T01661] | 835 | 841 | 8.827054 | AACAGAT | 0.16077 | 0.19738 |
| Sequence | PR A [T01661] | 860 | 866 | 8.827054 | AACAGCT | 0.16077 | 0.19738 |
| Sequence | NFI/CTF [T00094] | 160 | 167 | 8.814757 | CCAAGTGG | 0.21436 | 0.19908 |
| Sequence | TCF-4E [T02878] | 22 | 28 | 12.604771 | CTTTGTC | 0.21436 | 0.20483 |
| Sequence | TCF-4E [T02878] | 462 | 468 | 12.604771 | CTTTGGG | 0.21436 | 0.20483 |

| | | | | | | | |
|----------|---------------------|-----|-----|-----------|-------------|---------|---------|
| Sequence | TCF-4E [T02878] | 713 | 719 | 12.604771 | CCCAAAG | 0.21436 | 0.20483 |
| Sequence | NFI/CTF [T00094] | 818 | 825 | 5.558661 | CCAAACAT | 0.24115 | 0.20964 |
| Sequence | NFI/CTF [T00094] | 292 | 299 | 9.352332 | CCAAGGCT | 0.24115 | 0.20993 |
| Sequence | c-Myb [T00137] | 44 | 51 | 8.947824 | TAACTTCT | 0.17416 | 0.2111 |
| Sequence | c-Ets-1 [T00112] | 85 | 91 | 6.295602 | ATGGAAA | 0.21436 | 0.22059 |
| Sequence | ENKTF-1 [T00255] | 775 | 782 | 5.687009 | TGGCCTTG | 0.32153 | 0.22114 |
| Sequence | VDR [T00885] | 307 | 315 | 6.925682 | TAGCTGAAC | 0.18756 | 0.22251 |
| Sequence | c-Jun [T00133] | 217 | 223 | 6.668031 | TGACTTG | 0.26794 | 0.22277 |
| Sequence | MEF-2A [T01005] | 633 | 643 | 14.541822 | TATTTTAATAG | 0.10404 | 0.22729 |
| Sequence | NF-1 [T00539] | 144 | 151 | 11.603221 | TTGGTAGA | 0.21436 | 0.2328 |
| Sequence | c-Jun [T00133] | 366 | 372 | 7.937147 | TGACTAG | 0.21436 | 0.23352 |
| Sequence | c-Jun [T00133] | 683 | 689 | 8.242207 | TGACCTC | 0.21436 | 0.23352 |
| Sequence | c-Myb [T00137] | 320 | 327 | 11.712811 | AAACTTAG | 0.18756 | 0.24021 |
| Sequence | RXR-alpha [T01345] | 258 | 264 | 2.544678 | TTCACCC | 0.37512 | 0.2542 |
| Sequence | NFI/CTF [T00094] | 460 | 467 | 10.579747 | TTCTTTGG | 0.29474 | 0.25604 |
| Sequence | NFI/CTF [T00094] | 702 | 709 | 10.579747 | CGCCTTGG | 0.29474 | 0.25604 |
| Sequence | NFI/CTF [T00094] | 714 | 721 | 10.579747 | CCAAAGTG | 0.29474 | 0.25604 |
| Sequence | ATF3 [T01313] | 217 | 224 | 13.489607 | TGACTTGA | 0.24115 | 0.26297 |
| Sequence | ATF3 [T01313] | 815 | 822 | 13.489607 | TGACCAA | 0.24115 | 0.26297 |
| Sequence | NF-1 [T00539] | 814 | 821 | 9.535536 | TTGACCAA | 0.32153 | 0.2669 |
| Sequence | HOXD9 [T01424] | 627 | 636 | 10.220007 | TTTTTGTATT | 0.10215 | 0.26765 |
| Sequence | HOXD9 [T01424] | 639 | 648 | 10.220007 | AATAGAAACA | 0.10215 | 0.26765 |
| Sequence | HOXD10 [T01425] | 627 | 636 | 10.220007 | TTTTTGTATT | 0.10215 | 0.26765 |
| Sequence | HOXD10 [T01425] | 639 | 648 | 10.220007 | AATAGAAACA | 0.10215 | 0.26765 |
| Sequence | NFI/CTF [T00094] | 441 | 448 | 6.786076 | TTGTTTGG | 0.32153 | 0.26885 |
| Sequence | STAT4 [T01577] | 12 | 17 | 0 | GGAAAT | 0.21436 | 0.27752 |
| Sequence | STAT4 [T01577] | 361 | 366 | 0 | GGAAAT | 0.21436 | 0.27752 |
| Sequence | AP-2alphaA [T00035] | 123 | 128 | 3.970052 | GCCTTG | 0.42871 | 0.27778 |
| Sequence | AP-2alphaA [T00035] | 293 | 298 | 3.970052 | CAAGGC | 0.42871 | 0.27778 |
| Sequence | AP-2alphaA [T00035] | 703 | 708 | 3.970052 | GCCTTG | 0.42871 | 0.27778 |
| Sequence | AP-2alphaA [T00035] | 777 | 782 | 3.970052 | GCCTTG | 0.42871 | 0.27778 |
| Sequence | LEF-1 [T02905] | 712 | 719 | 8.973041 | TCCCAAAG | 0.24115 | 0.28368 |
| Sequence | c-Ets-1 [T00112] | 10 | 16 | 7.199436 | TGGGAAA | 0.32153 | 0.28474 |

| | | | | | | | |
|----------|---------------------|-----|-----|-----------|----------|---------|---------|
| Sequence | c-Ets-1 [T00112] | 266 | 272 | 7.199436 | TGGGAAA | 0.32153 | 0.28474 |
| Sequence | c-Ets-1 [T00112] | 359 | 365 | 7.071349 | AGGGAAA | 0.32153 | 0.28474 |
| Sequence | c-Ets-1 [T00112] | 401 | 407 | 7.199436 | TGGGAAA | 0.32153 | 0.28474 |
| Sequence | RXR-alpha [T01345] | 649 | 655 | 4.019014 | GGGTTTC | 0.42871 | 0.2864 |
| Sequence | c-Jun [T00133] | 815 | 821 | 6.856451 | TGACCAA | 0.32153 | 0.30344 |
| Sequence | Pax-5 [T00070] | 496 | 502 | 9.552105 | GTTGCCC | 0.64307 | 0.30795 |
| Sequence | Pax-5 [T00070] | 696 | 702 | 9.552105 | TCCGCCC | 0.64307 | 0.30795 |
| Sequence | c-Myb [T00137] | 172 | 179 | 12.417209 | AAAAGTTA | 0.18756 | 0.31078 |
| Sequence | c-Myb [T00137] | 312 | 319 | 12.417209 | GAACTTTA | 0.18756 | 0.31078 |
| Sequence | TCF-4E [T02878] | 193 | 199 | 6.302385 | AACAAAG | 0.26794 | 0.3126 |
| Sequence | TCF-4E [T02878] | 354 | 360 | 6.302385 | GGCAAAG | 0.26794 | 0.3126 |
| Sequence | HNF-1A [T00368] | 176 | 183 | 0.781639 | GTTAAAAC | 0.21436 | 0.31816 |
| Sequence | C/EBPalpha [T00105] | 512 | 518 | 7.465744 | TGCAATG | 0.21436 | 0.32674 |
| Sequence | TFII-I [T00824] | 227 | 232 | 6.581441 | ATCTCC | 0.42871 | 0.33221 |
| Sequence | TFII-I [T00824] | 508 | 513 | 6.581441 | GGAGTG | 0.42871 | 0.33221 |
| Sequence | GR [T05076] | 427 | 433 | 0 | TTTTTTG | 0.16077 | 0.33886 |
| Sequence | GR [T05076] | 453 | 459 | 0 | TTTTTTG | 0.16077 | 0.33886 |
| Sequence | GR [T05076] | 471 | 477 | 0 | TTTTTTG | 0.16077 | 0.33886 |
| Sequence | GR [T05076] | 626 | 632 | 0 | TTTTTTG | 0.16077 | 0.33886 |
| Sequence | NF-1 [T00539] | 288 | 295 | 12.32643 | TAAACCAA | 0.32153 | 0.34387 |
| Sequence | NF-1 [T00539] | 464 | 471 | 12.32643 | TTGGGGTT | 0.32153 | 0.34387 |
| Sequence | NF-1 [T00539] | 506 | 513 | 12.32643 | TTGGAGTG | 0.32153 | 0.34387 |
| Sequence | c-Ets-1 [T00112] | 596 | 602 | 8.809329 | ATTCCAG | 0.37512 | 0.37193 |
| Sequence | ENKTF-1 [T00255] | 517 | 524 | 6.942764 | TGGCGCGA | 0.64307 | 0.37546 |
| Sequence | ENKTF-1 [T00255] | 77 | 84 | 11.374018 | TAGAGCCA | 0.4823 | 0.42328 |
| Sequence | ENKTF-1 [T00255] | 528 | 535 | 11.374018 | TGGCTCAC | 0.4823 | 0.42328 |
| Sequence | ENKTF-1 [T00255] | 736 | 743 | 11.374018 | GTGAGCCA | 0.4823 | 0.42328 |
| Sequence | Pax-5 [T00070] | 803 | 809 | 8.014558 | GCTGCCC | 0.9646 | 0.4535 |
| Sequence | GR [T05076] | 432 | 438 | 3.763516 | TGTTTTG | 0.32153 | 0.46335 |
| Sequence | GR [T05076] | 437 | 443 | 3.763516 | TGTTTTG | 0.32153 | 0.46335 |
| Sequence | GR [T05076] | 460 | 466 | 3.763516 | TTCTTTG | 0.32153 | 0.46335 |
| Sequence | XBP-1 [T00902] | 365 | 370 | 0 | ATGACT | 0.42871 | 0.4661 |
| Sequence | XBP-1 [T00902] | 824 | 829 | 1.583727 | ATGACA | 0.42871 | 0.47108 |

| | | | | | | | |
|----------|---------------------|-----|-----|-----------|----------|---------|---------|
| Sequence | C/EBPalpha [T00105] | 81 | 87 | 7.00174 | GCCAATG | 0.32153 | 0.48348 |
| Sequence | PR B [T00696] | 657 | 663 | 9.743489 | CCGTGTT | 0.4823 | 0.49677 |
| Sequence | PR B [T00696] | 848 | 854 | 9.743489 | GTGTGTT | 0.4823 | 0.49677 |
| Sequence | PR A [T01661] | 657 | 663 | 9.743489 | CCGTGTT | 0.4823 | 0.49677 |
| Sequence | PR A [T01661] | 848 | 854 | 9.743489 | GTGTGTT | 0.4823 | 0.49677 |
| Sequence | PR B [T00696] | 99 | 105 | 8.338824 | TTCTGTT | 0.4823 | 0.49869 |
| Sequence | PR B [T00696] | 645 | 651 | 8.338824 | AACAGGG | 0.4823 | 0.49869 |
| Sequence | PR A [T01661] | 99 | 105 | 8.338824 | TTCTGTT | 0.4823 | 0.49869 |
| Sequence | PR A [T01661] | 645 | 651 | 8.338824 | AACAGGG | 0.4823 | 0.49869 |
| Sequence | TFII-I [T00824] | 87 | 92 | 0 | GGAAAG | 0.64307 | 0.53777 |
| Sequence | GATA-1 [T00306] | 226 | 231 | 0.105011 | TATCTC | 0.42871 | 0.55444 |
| Sequence | GATA-1 [T00306] | 837 | 842 | 0 | CAGATA | 0.42871 | 0.55444 |
| Sequence | PR B [T00696] | 116 | 122 | 11.636384 | AGTTGTT | 0.32153 | 0.55675 |
| Sequence | PR B [T00696] | 386 | 392 | 2.80933 | AACAATA | 0.32153 | 0.55675 |
| Sequence | PR A [T01661] | 116 | 122 | 11.636384 | AGTTGTT | 0.32153 | 0.55675 |
| Sequence | PR A [T01661] | 386 | 392 | 2.80933 | AACAATA | 0.32153 | 0.55675 |
| Sequence | NFI/CTF [T00094] | 523 | 530 | 13.146004 | GATCTTGG | 0.4823 | 0.59247 |
| Sequence | TFIID [T00820] | 62 | 68 | 5.544826 | TCCTAAA | 0.32153 | 0.60835 |
| Sequence | TFIID [T00820] | 628 | 634 | 1.537547 | TTTTGTA | 0.32153 | 0.6316 |
| Sequence | ER-alpha [T00261] | 683 | 687 | 0 | TGACC | 0.85742 | 0.66368 |
| Sequence | ER-alpha [T00261] | 815 | 819 | 0 | TGACC | 0.85742 | 0.66368 |
| Sequence | C/EBPalpha [T00105] | 142 | 148 | 4.776286 | TATTGGT | 0.42871 | 0.66566 |
| Sequence | C/EBPalpha [T00105] | 386 | 392 | 4.776286 | AACAATA | 0.42871 | 0.66566 |
| Sequence | FOXP3 [T04280] | 178 | 183 | 6.581441 | TAAAAC | 0.42871 | 0.66949 |
| Sequence | FOXP3 [T04280] | 318 | 323 | 6.581441 | TAAAAC | 0.42871 | 0.66949 |
| Sequence | FOXP3 [T04280] | 852 | 857 | 6.581441 | GTTTTA | 0.42871 | 0.66949 |
| Sequence | STAT4 [T01577] | 414 | 419 | 4.411765 | GGAAGC | 0.85742 | 0.67827 |
| Sequence | FOXP3 [T04280] | 117 | 122 | 0 | GTTGTT | 0.64307 | 0.69366 |
| Sequence | ENKTF-1 [T00255] | 605 | 612 | 12.629773 | ACGTGCCA | 0.9646 | 0.71832 |
| Sequence | ENKTF-1 [T00255] | 661 | 668 | 12.629773 | GTTAGCCA | 0.9646 | 0.71832 |
| Sequence | ENKTF-1 [T00255] | 707 | 714 | 12.629773 | TGGCCTCC | 0.9646 | 0.71832 |
| Sequence | TFII-I [T00824] | 59 | 64 | 11.337888 | TTCTCC | 1.07178 | 0.73432 |
| Sequence | TFII-I [T00824] | 565 | 570 | 11.337888 | TTCTCC | 1.07178 | 0.73432 |

| | | | | | | | |
|----------|---------------------|-----|-----|-----------|----------|---------|---------|
| Sequence | GR [T05076] | 195 | 201 | 11.290546 | CAAAGTA | 0.64307 | 0.75811 |
| Sequence | GR [T05076] | 356 | 362 | 11.290546 | CAAAGGG | 0.64307 | 0.75811 |
| Sequence | GR [T05076] | 715 | 721 | 11.290546 | CAAAGTG | 0.64307 | 0.75811 |
| Sequence | GR [T05076] | 797 | 803 | 11.290546 | ACCTTTG | 0.64307 | 0.75811 |
| Sequence | NFI/CTF [T00094] | 140 | 147 | 14.373419 | TGTATTGG | 0.64307 | 0.76018 |
| Sequence | NFI/CTF [T00094] | 501 | 508 | 14.373419 | CCAAGTTG | 0.64307 | 0.76018 |
| Sequence | NFI/CTF [T00094] | 583 | 590 | 14.373419 | CCAAGTAG | 0.64307 | 0.76018 |
| Sequence | GATA-1 [T00306] | 148 | 153 | 0.280028 | TAGATA | 0.42871 | 0.78292 |
| Sequence | XBP-1 [T00902] | 774 | 779 | 11.373637 | ATGGCC | 0.85742 | 0.79804 |
| Sequence | XBP-1 [T00902] | 825 | 830 | 11.373637 | TGACAT | 0.85742 | 0.79804 |
| Sequence | XBP-1 [T00902] | 516 | 521 | 9.789909 | ATGGCG | 0.85742 | 0.80282 |
| Sequence | HNF-3alpha [T02512] | 237 | 244 | 7.000129 | GATTTTCA | 0.36172 | 0.83936 |
| Sequence | HNF-3alpha [T02512] | 248 | 255 | 7.000129 | TATTTTTC | 0.36172 | 0.83936 |
| Sequence | HNF-3alpha [T02512] | 278 | 285 | 7.000129 | AATTTTTT | 0.36172 | 0.83936 |
| Sequence | HNF-3alpha [T02512] | 624 | 631 | 7.000129 | AATTTTTT | 0.36172 | 0.83936 |
| Sequence | TFIID [T00820] | 10 | 16 | 9.552105 | TGGGAAA | 0.64307 | 0.8781 |
| Sequence | TFIID [T00820] | 266 | 272 | 9.552105 | TGGGAAA | 0.64307 | 0.8781 |
| Sequence | TFIID [T00820] | 401 | 407 | 9.552105 | TGGGAAA | 0.64307 | 0.8781 |
| Sequence | TFIID [T00820] | 712 | 718 | 9.552105 | TCCCAA | 0.64307 | 0.8781 |
| Sequence | STAT4 [T01577] | 268 | 273 | 1.470588 | GGAAAA | 0.85742 | 0.96202 |
| Sequence | STAT4 [T01577] | 403 | 408 | 1.470588 | GGAAAC | 0.85742 | 0.96202 |
| Sequence | TFIID [T00820] | 130 | 136 | 4.007279 | TCTTAAA | 0.4823 | 1.16321 |
| Sequence | TFIID [T00820] | 283 | 289 | 4.007279 | TTTAATA | 0.4823 | 1.16321 |
| Sequence | TFIID [T00820] | 285 | 291 | 4.007279 | TAATAAA | 0.4823 | 1.16321 |
| Sequence | TFIID [T00820] | 636 | 642 | 4.007279 | TTTAATA | 0.4823 | 1.16321 |
| Sequence | TFIID [T00820] | 853 | 859 | 4.007279 | TTTTAAA | 0.4823 | 1.16321 |
| Sequence | HNF-3alpha [T02512] | 268 | 275 | 14.000258 | GGAAAATG | 0.72345 | 1.17916 |
| Sequence | TFIID [T00820] | 169 | 175 | 0 | TTAAAAA | 0.4823 | 1.20766 |
| Sequence | TFIID [T00820] | 280 | 286 | 0 | TTTTTTA | 0.4823 | 1.20766 |
| Sequence | TFIID [T00820] | 281 | 287 | 0 | TTTTTTAA | 0.4823 | 1.20766 |
| Sequence | TFIID [T00820] | 316 | 322 | 0 | TTTTAAA | 0.4823 | 1.20766 |
| Sequence | TFIID [T00820] | 472 | 478 | 0 | TTTTTTGA | 0.4823 | 1.20766 |
| Sequence | TFIID [T00820] | 767 | 773 | 0 | TTTTTTTA | 0.4823 | 1.20766 |

| | | | | | | | |
|----------|-------------------|-----|-----|-----------|---------|---------|---------|
| Sequence | TFIID [T00820] | 768 | 774 | 0 | TTTTTAA | 0.4823 | 1.20766 |
| Sequence | TFIID [T00820] | 854 | 860 | 0 | TTTAAAA | 0.4823 | 1.20766 |
| Sequence | TFIID [T00820] | 855 | 861 | 0 | TTAAAAA | 0.4823 | 1.20766 |
| Sequence | STAT4 [T01577] | 87 | 92 | 2.941176 | GGAAAG | 1.28613 | 1.21136 |
| Sequence | STAT4 [T01577] | 155 | 160 | 2.941176 | ACTTCC | 1.28613 | 1.21136 |
| Sequence | STAT4 [T01577] | 595 | 600 | 2.941176 | GATTCC | 1.28613 | 1.21136 |
| Sequence | GR [T05076] | 231 | 237 | 7.527031 | CCTTTTG | 0.80383 | 1.2539 |
| Sequence | GR [T05076] | 441 | 447 | 7.527031 | TTGTTTG | 0.80383 | 1.2539 |
| Sequence | GR [T05076] | 819 | 825 | 7.527031 | CAAACAT | 0.80383 | 1.2539 |
| Sequence | XBP-1 [T00902] | 187 | 192 | 12.067266 | CAGCAT | 1.28613 | 1.26892 |
| Sequence | XBP-1 [T00902] | 1 | 6 | 13.650994 | ATGCTC | 1.28613 | 1.26912 |
| Sequence | TFII-I [T00824] | 12 | 17 | 4.756447 | GGAAAT | 1.28613 | 1.26979 |
| Sequence | TFII-I [T00824] | 361 | 366 | 4.756447 | GGAAAT | 1.28613 | 1.26979 |
| Sequence | GATA-1 [T00306] | 273 | 278 | 1.038567 | ATGATA | 0.85742 | 1.31089 |
| Sequence | PR B [T00696] | 69 | 75 | 11.148154 | AACAAGG | 0.9646 | 1.40567 |
| Sequence | PR B [T00696] | 193 | 199 | 11.148154 | AACAAAG | 0.9646 | 1.40567 |
| Sequence | PR B [T00696] | 429 | 435 | 11.148154 | TTTTGTT | 0.9646 | 1.40567 |
| Sequence | PR B [T00696] | 434 | 440 | 11.148154 | TTTTGTT | 0.9646 | 1.40567 |
| Sequence | PR B [T00696] | 439 | 445 | 11.148154 | TTTTGTT | 0.9646 | 1.40567 |
| Sequence | PR B [T00696] | 455 | 461 | 11.148154 | TTTTGTT | 0.9646 | 1.40567 |
| Sequence | PR B [T00696] | 821 | 827 | 11.148154 | AACATGA | 0.9646 | 1.40567 |
| Sequence | PR A [T01661] | 69 | 75 | 11.148154 | AACAAGG | 0.9646 | 1.40567 |
| Sequence | PR A [T01661] | 193 | 199 | 11.148154 | AACAAAG | 0.9646 | 1.40567 |
| Sequence | PR A [T01661] | 429 | 435 | 11.148154 | TTTTGTT | 0.9646 | 1.40567 |
| Sequence | PR A [T01661] | 434 | 440 | 11.148154 | TTTTGTT | 0.9646 | 1.40567 |
| Sequence | PR A [T01661] | 439 | 445 | 11.148154 | TTTTGTT | 0.9646 | 1.40567 |
| Sequence | PR A [T01661] | 455 | 461 | 11.148154 | TTTTGTT | 0.9646 | 1.40567 |
| Sequence | PR A [T01661] | 821 | 827 | 11.148154 | AACATGA | 0.9646 | 1.40567 |
| Sequence | FOXP3 [T04280] | 505 | 510 | 11.337888 | GTTGGA | 1.07178 | 1.43207 |
| Sequence | FOXP3 [T04280] | 536 | 541 | 11.337888 | TGCAAC | 1.07178 | 1.43207 |
| Sequence | GR-alpha [T00337] | 63 | 67 | 6.055408 | CCTAA | 1.71484 | 1.59991 |
| Sequence | GR-alpha [T00337] | 394 | 398 | 6.055408 | CCTGA | 1.71484 | 1.59991 |
| Sequence | GR-alpha [T00337] | 867 | 871 | 6.055408 | CCTAA | 1.71484 | 1.59991 |

| | | | | | | | |
|----------|-------------------|-----|-----|----------|---------|---------|---------|
| Sequence | GR-alpha [T00337] | 212 | 216 | 6.263098 | TGAGG | 1.71484 | 1.602 |
| Sequence | GR-alpha [T00337] | 351 | 355 | 6.263098 | TGAGG | 1.71484 | 1.602 |
| Sequence | GR-alpha [T00337] | 573 | 577 | 6.263098 | CCTCA | 1.71484 | 1.602 |
| Sequence | GR-alpha [T00337] | 686 | 690 | 6.263098 | CCTCA | 1.71484 | 1.602 |
| Sequence | GR-alpha [T00337] | 808 | 812 | 6.263098 | CCTCA | 1.71484 | 1.602 |
| Sequence | FOXP3 [T04280] | 66 | 71 | 4.756447 | AAAAAC | 1.28613 | 1.67589 |
| Sequence | FOXP3 [T04280] | 424 | 429 | 4.756447 | GTTTTT | 1.28613 | 1.67589 |
| Sequence | FOXP3 [T04280] | 433 | 438 | 4.756447 | GTTTTG | 1.28613 | 1.67589 |
| Sequence | FOXP3 [T04280] | 438 | 443 | 4.756447 | GTTTTG | 1.28613 | 1.67589 |
| Sequence | FOXP3 [T04280] | 452 | 457 | 4.756447 | GTTTTT | 1.28613 | 1.67589 |
| Sequence | FOXP3 [T04280] | 469 | 474 | 4.756447 | GTTTTT | 1.28613 | 1.67589 |
| Sequence | FOXP3 [T04280] | 764 | 769 | 4.756447 | GTTTTT | 1.28613 | 1.67589 |
| Sequence | FOXP3 [T04280] | 813 | 818 | 4.756447 | GTTGAC | 1.28613 | 1.67589 |
| Sequence | FOXP3 [T04280] | 857 | 862 | 4.756447 | AAAAAC | 1.28613 | 1.67589 |
| Sequence | TFIID [T00820] | 192 | 198 | 8.014558 | TAACAAA | 0.9646 | 1.67898 |
| Sequence | TFIID [T00820] | 474 | 480 | 8.014558 | TTTGAGA | 0.9646 | 1.67898 |
| Sequence | TFIID [T00820] | 675 | 681 | 8.014558 | TCTCAA | 0.9646 | 1.67898 |
| Sequence | TFIID [T00820] | 830 | 836 | 8.014558 | TCAGAAA | 0.9646 | 1.67898 |
| Sequence | XBP-1 [T00902] | 113 | 118 | 7.172312 | ATGAGT | 1.28613 | 1.78303 |
| Sequence | XBP-1 [T00902] | 136 | 141 | 7.172312 | ATGATG | 1.28613 | 1.78303 |
| Sequence | XBP-1 [T00902] | 379 | 384 | 7.172312 | ATGAGT | 1.28613 | 1.78303 |
| Sequence | XBP-1 [T00902] | 273 | 278 | 8.75604 | ATGATA | 1.28613 | 1.80345 |
| Sequence | XBP-1 [T00902] | 692 | 697 | 8.75604 | ATGATC | 1.28613 | 1.80345 |
| Sequence | GR-beta [T01920] | 483 | 487 | 1.680765 | GAATT | 1.71484 | 2.24807 |
| Sequence | GR-beta [T01920] | 141 | 145 | 5.042296 | GTATT | 1.71484 | 2.27076 |
| Sequence | GR-beta [T01920] | 166 | 170 | 5.042296 | GGATT | 1.71484 | 2.27076 |
| Sequence | GR-beta [T01920] | 199 | 203 | 5.042296 | GTATT | 1.71484 | 2.27076 |
| Sequence | GR-beta [T01920] | 632 | 636 | 5.042296 | GTATT | 1.71484 | 2.27076 |
| Sequence | GR-beta [T01920] | 725 | 729 | 5.042296 | GGATT | 1.71484 | 2.27076 |
| Sequence | GR-beta [T01920] | 870 | 874 | 5.042296 | AATAC | 1.71484 | 2.27076 |
| Sequence | GR-alpha [T00337] | 569 | 573 | 8.073878 | CCTGC | 3.42969 | 2.27693 |
| Sequence | GR-alpha [T00337] | 599 | 603 | 8.073878 | CCAGG | 3.42969 | 2.27693 |
| Sequence | GR-alpha [T00337] | 666 | 670 | 8.073878 | CCAGG | 3.42969 | 2.27693 |

| | | | | | | | |
|----------|-------------------|-----|-----|----------|--------|---------|---------|
| Sequence | GR-alpha [T00337] | 71 | 75 | 8.281568 | CAAGG | 3.42969 | 2.30629 |
| Sequence | GR-alpha [T00337] | 124 | 128 | 8.281568 | CCTTG | 3.42969 | 2.30629 |
| Sequence | GR-alpha [T00337] | 293 | 297 | 8.281568 | CAAGG | 3.42969 | 2.30629 |
| Sequence | GR-alpha [T00337] | 410 | 414 | 8.281568 | CGAGG | 3.42969 | 2.30629 |
| Sequence | GR-alpha [T00337] | 541 | 545 | 8.281568 | CCTCC | 3.42969 | 2.30629 |
| Sequence | GR-alpha [T00337] | 547 | 551 | 8.281568 | CCTCC | 3.42969 | 2.30629 |
| Sequence | GR-alpha [T00337] | 579 | 583 | 8.281568 | CCTCC | 3.42969 | 2.30629 |
| Sequence | GR-alpha [T00337] | 704 | 708 | 8.281568 | CCTTG | 3.42969 | 2.30629 |
| Sequence | GR-alpha [T00337] | 710 | 714 | 8.281568 | CCTCC | 3.42969 | 2.30629 |
| Sequence | GR-alpha [T00337] | 778 | 782 | 8.281568 | CCTTG | 3.42969 | 2.30629 |
| Sequence | TFII-I [T00824] | 155 | 160 | 14.26934 | ACTTCC | 2.57227 | 2.322 |
| Sequence | TFII-I [T00824] | 166 | 171 | 14.26934 | GGATTA | 2.57227 | 2.322 |
| Sequence | TFII-I [T00824] | 595 | 600 | 14.26934 | GATTCC | 2.57227 | 2.322 |
| Sequence | TFII-I [T00824] | 725 | 730 | 14.26934 | GGATTA | 2.57227 | 2.322 |
| Sequence | TFII-I [T00824] | 795 | 800 | 14.26934 | GGACCT | 2.57227 | 2.322 |
| Sequence | TFII-I [T00824] | 268 | 273 | 9.512894 | GGAAAA | 3.21533 | 2.8057 |
| Sequence | TFII-I [T00824] | 403 | 408 | 9.512894 | GGAAAC | 3.21533 | 2.8057 |
| Sequence | FOXP3 [T04280] | 310 | 315 | 14.26934 | CTGAAC | 2.57227 | 2.98215 |
| Sequence | FOXP3 [T04280] | 403 | 408 | 14.26934 | GGAAAC | 2.57227 | 2.98215 |
| Sequence | FOXP3 [T04280] | 443 | 448 | 14.26934 | GTTTGG | 2.57227 | 2.98215 |
| Sequence | FOXP3 [T04280] | 642 | 647 | 14.26934 | AGAAAC | 2.57227 | 2.98215 |
| Sequence | FOXP3 [T04280] | 818 | 823 | 14.26934 | CCAAAC | 2.57227 | 2.98215 |
| Sequence | FOXP3 [T04280] | 832 | 837 | 14.26934 | AGAAAC | 2.57227 | 2.98215 |
| Sequence | GR-beta [T01920] | 14 | 18 | 0 | AAATT | 1.71484 | 3.16199 |
| Sequence | GR-beta [T01920] | 15 | 19 | 0 | AATTT | 1.71484 | 3.16199 |
| Sequence | GR-beta [T01920] | 224 | 228 | 3.361531 | AATAT | 1.71484 | 3.16199 |
| Sequence | GR-beta [T01920] | 278 | 282 | 0 | AATTT | 1.71484 | 3.16199 |
| Sequence | GR-beta [T01920] | 484 | 488 | 0 | AATTT | 1.71484 | 3.16199 |
| Sequence | GR-beta [T01920] | 624 | 628 | 0 | AATTT | 1.71484 | 3.16199 |
| Sequence | GR-beta [T01920] | 842 | 846 | 0 | ACATT | 1.71484 | 3.16199 |
| Sequence | YY1 [T00915] | 85 | 88 | 0 | ATGG | 3.42969 | 3.20191 |
| Sequence | YY1 [T00915] | 95 | 98 | 0 | ATGG | 3.42969 | 3.20191 |
| Sequence | YY1 [T00915] | 263 | 266 | 0 | CCAT | 3.42969 | 3.20191 |

| | | | | | | | |
|----------|-------------------|-----|-----|----------|--------|---------|---------|
| Sequence | YY1 [T00915] | 265 | 268 | 0 | ATGG | 3.42969 | 3.20191 |
| Sequence | YY1 [T00915] | 304 | 307 | 0 | CCAT | 3.42969 | 3.20191 |
| Sequence | YY1 [T00915] | 400 | 403 | 0 | ATGG | 3.42969 | 3.20191 |
| Sequence | YY1 [T00915] | 516 | 519 | 0 | ATGG | 3.42969 | 3.20191 |
| Sequence | YY1 [T00915] | 774 | 777 | 0 | ATGG | 3.42969 | 3.20191 |
| Sequence | YY1 [T00915] | 793 | 796 | 0 | ATGG | 3.42969 | 3.20191 |
| Sequence | GR-alpha [T00337] | 231 | 235 | 0.207689 | CCTTT | 3.42969 | 3.27 |
| Sequence | GR-alpha [T00337] | 357 | 361 | 0.207689 | AAAGG | 3.42969 | 3.27 |
| Sequence | GR-alpha [T00337] | 374 | 378 | 0.207689 | AGAGG | 3.42969 | 3.27 |
| Sequence | GR-alpha [T00337] | 420 | 424 | 0 | ACAGG | 3.42969 | 3.27 |
| Sequence | GR-alpha [T00337] | 646 | 650 | 0 | ACAGG | 3.42969 | 3.27 |
| Sequence | GR-alpha [T00337] | 798 | 802 | 0.207689 | CCTTT | 3.42969 | 3.27 |
| Sequence | FOXP3 [T04280] | 98 | 103 | 9.512894 | GTTCTG | 3.21533 | 3.55991 |
| Sequence | FOXP3 [T04280] | 120 | 125 | 9.512894 | GTTGCC | 3.21533 | 3.55991 |
| Sequence | FOXP3 [T04280] | 190 | 195 | 9.512894 | CATAAC | 3.21533 | 3.55991 |
| Sequence | FOXP3 [T04280] | 287 | 292 | 9.512894 | ATAAAC | 3.21533 | 3.55991 |
| Sequence | FOXP3 [T04280] | 340 | 345 | 9.512894 | GTAAAC | 3.21533 | 3.55991 |
| Sequence | FOXP3 [T04280] | 383 | 388 | 9.512894 | GTAAAC | 3.21533 | 3.55991 |
| Sequence | FOXP3 [T04280] | 389 | 394 | 9.512894 | AATAAC | 3.21533 | 3.55991 |
| Sequence | FOXP3 [T04280] | 459 | 464 | 9.512894 | GTTCTT | 3.21533 | 3.55991 |
| Sequence | FOXP3 [T04280] | 496 | 501 | 9.512894 | GTTGCC | 3.21533 | 3.55991 |
| Sequence | GR-beta [T01920] | 84 | 88 | 0.840383 | AATGG | 3.42969 | 5.43758 |
| Sequence | GR-beta [T01920] | 94 | 98 | 0.840383 | AATGG | 3.42969 | 5.43758 |
| Sequence | GR-beta [T01920] | 112 | 116 | 0.840383 | AATGA | 3.42969 | 5.43758 |
| Sequence | GR-beta [T01920] | 135 | 139 | 0.840383 | AATGA | 3.42969 | 5.43758 |
| Sequence | GR-beta [T01920] | 272 | 276 | 0.840383 | AATGA | 3.42969 | 5.43758 |
| Sequence | GR-beta [T01920] | 277 | 281 | 0.840383 | TAATT | 3.42969 | 5.43758 |
| Sequence | GR-beta [T01920] | 364 | 368 | 0.840383 | AATGA | 3.42969 | 5.43758 |
| Sequence | GR-beta [T01920] | 399 | 403 | 0.840383 | AATGG | 3.42969 | 5.43758 |
| Sequence | GR-beta [T01920] | 515 | 519 | 0.840383 | AATGG | 3.42969 | 5.43758 |
| Sequence | GR-beta [T01920] | 623 | 627 | 0.840383 | TAATT | 3.42969 | 5.43758 |
| Sequence | GR-beta [T01920] | 773 | 777 | 0.840383 | AATGG | 3.42969 | 5.43758 |
| Sequence | GR-beta [T01920] | 236 | 240 | 4.201913 | TGATT | 3.42969 | 5.53089 |

| | | | | | | | |
|----------|--------------------|-----|-----|----------|-------|---------|---------|
| Sequence | GR-beta [T01920] | 247 | 251 | 4.201913 | CTATT | 3.42969 | 5.53089 |
| Sequence | GR-beta [T01920] | 286 | 290 | 4.201913 | AATAA | 3.42969 | 5.53089 |
| Sequence | GR-beta [T01920] | 345 | 349 | 4.201913 | CGATT | 3.42969 | 5.53089 |
| Sequence | GR-beta [T01920] | 389 | 393 | 4.201913 | AATAA | 3.42969 | 5.53089 |
| Sequence | GR-beta [T01920] | 562 | 566 | 4.201913 | CGATT | 3.42969 | 5.53089 |
| Sequence | GR-beta [T01920] | 594 | 598 | 4.201913 | TGATT | 3.42969 | 5.53089 |
| Sequence | GR-beta [T01920] | 639 | 643 | 4.201913 | AATAG | 3.42969 | 5.53089 |
| Sequence | C/EBPbeta [T00581] | 82 | 85 | 1.639871 | CCAA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 126 | 129 | 1.366559 | TTGA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 144 | 147 | 1.639871 | TTGG | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 160 | 163 | 1.639871 | CCAA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 221 | 224 | 1.366559 | TTGA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 235 | 238 | 1.366559 | TTGA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 292 | 295 | 1.639871 | CCAA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 445 | 448 | 1.639871 | TTGG | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 464 | 467 | 1.639871 | TTGG | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 475 | 478 | 1.366559 | TTGA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 501 | 504 | 1.639871 | CCAA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 506 | 509 | 1.639871 | TTGG | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 527 | 530 | 1.639871 | TTGG | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 557 | 560 | 1.366559 | TCAA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 583 | 586 | 1.639871 | CCAA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 677 | 680 | 1.366559 | TCAA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 706 | 709 | 1.639871 | TTGG | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 714 | 717 | 1.639871 | CCAA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 814 | 817 | 1.366559 | TTGA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 818 | 821 | 1.639871 | CCAA | 6.85938 | 7.77501 |
| Sequence | C/EBPbeta [T00581] | 18 | 21 | 0 | TTGT | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 24 | 27 | 0 | TTGT | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 70 | 73 | 0 | ACAA | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 118 | 121 | 0 | TTGT | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 121 | 124 | 0 | TTGC | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 194 | 197 | 0 | ACAA | 6.85938 | 7.94956 |

| | | | | | | | |
|----------|--------------------|-----|-----|---|------|---------|---------|
| Sequence | C/EBPbeta [T00581] | 355 | 358 | 0 | GCAA | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 387 | 390 | 0 | ACAA | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 431 | 434 | 0 | TTGT | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 436 | 439 | 0 | TTGT | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 441 | 444 | 0 | TTGT | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 457 | 460 | 0 | TTGT | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 497 | 500 | 0 | TTGC | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 513 | 516 | 0 | GCAA | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 537 | 540 | 0 | GCAA | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 630 | 633 | 0 | TTGT | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 780 | 783 | 0 | TTGC | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 801 | 804 | 0 | TTGC | 6.85938 | 7.94956 |
| Sequence | C/EBPbeta [T00581] | 846 | 849 | 0 | TTGT | 6.85938 | 7.94956 |
