7. Promoter blast for potential transcription factors for

**CADHERIN 2**

### 7.1 Blasted region: -10021~ -30240

#### TRANSFAC BLAST

| Sequence producing significant alignments: | Reading frame | Score |
|------------------------------------------|---------------|-------|
| TO1930 NF-kappaB1 (p50) (Homo sapiens)   | -3            | 57.8  |
| TO1930 NF-kappaB2 (p52) (Homo sapiens)  | -3            | 52.9  |
| TO1918 c-Rel (Homo sapiens)              | +1            | 46.2  |
| TO1930 NF-kappaB2 (p52) (Homo sapiens)  | +3            | 47.6  |
| TO1918 NF-kappaB1 (p50) (Homo sapiens)  | +3            | 66.1  |
| TO1918 NF-kappaB2 (p52) (Homo sapiens)  | +1            | 67.6  |
| TO1918 c-Rel (Homo sapiens)              | +1            | 40.4  |
| TO1930 NF-kappaB2 (p52) (Homo sapiens)  | -3            | 58.2  |
| TO1918 c-Rel (Homo sapiens)              | +1            | 68.6  |
| TO1918 c-Rel (Homo sapiens)              | -1            | 55.8  |
| TO1918 c-Rel (Homo sapiens)              | +1            | 55.4  |
| TO1918 c-Rel (Homo sapiens)              | +1            | 54.5  |
| TO1918 NF-kappaB2 (p52) (Homo sapiens)  | +1            | 46.1  |
| TO0755 A1 ATF1.665C (Alcius sp.)        | +1            | 50.8  |
| TO0514 GAF-C3 (Gallus gallus)           | +3            | 30.4  |
| TO1918 c-Rel (Homo sapiens)              | +3            | 25.0  |
| TO1918 c-Rel (Homo sapiens)              | +3            | 23.8  |
### 7.2 Blast region: -30241~40020

/data/portalcache/tfblast/29902_tfb.raw [Unknown form]

| Sequence | Reading | High | Score |
|----------|---------|------|-------|
| TO0262   | KHS    | 3    | 41.2  |
| TO0328   | TAF7    | 3    | 36.6  |
| TO1696   | KLF4   | 2    | 36.2  |
| TO4253   | Irx-5  | 3    | 33.9  |
| TO1012   | NEAT1  | 3    | 32.7  |
| TO0852   | LAMA7  | 1    | 32.3  |
| TO5667   | GATA4  | 2    | 32.0  |
| TO4202   | FOX5   | 2    | 31.6  |
| TO0001   | Obx1   | 3    | 31.6  |
| TO2476   | FOX5   | 3    | 31.6  |
| TO1545   | ESF1   | 3    | 31.6  |
| TO0225   | TAF13   | 3   | 30.8  |
| TO0478   | FOX3   | 3    | 30.4  |
| TO3417   | Hex    | -1   | 30.8  |
| TO2676   | GATA4  | 3    | 30.4  |
| TO2476   | FOX5   | 3    | 30.4  |
| TO1642   | NOD-1  | 3    | 30.4  |
| TO0016   | Nkx1   | -1   | 30.4  |
| TO0236   | Pax-1   | -1  | 30.4  |
| TO2493   | Mist   | 2    | 30.0  |
| TO1700   | FOX2   | 3    | 30.0  |
| TO0685   | PEK3   | 3    | 30.0  |
| TO1946   | NF-AT1  | -1 | 30.0  |
| TO1677   | LKLF   | -1   | 30.0  |
| TO0416   | FOX1   | 2    | 29.6  |
| TO0661   | ATBF1  | 2    | 29.6  |
| TO2485   | FOX2   | -3   | 29.6  |
| TO1665   | ATBF1-A | -2 | 29.6  |
| TO0246   | ATBF1-F | -2 | 29.6  |
| TO0246   | Scad   | 2    | 29.6  |
| TO9236   | Sreg   | 2    | 29.3  |
| TO4151   | SPCAP  | 3    | 29.3  |
| TO9151   | SPCAP  | 1    | 29.3  |
| TO0952   | SRE-type (Schizosaccharomyces pombe) | 2 | 29.3 |
| TO0442   | M-Hyc  | 3    | 29.3  |
| TO1752   | KCO24  | -3   | 29.3  |
| TO0250   | delta-FosB | 1 | 29.3 |
| TO0251   | FosB   | 1    | 29.3  |