**Supplementary Table 1.** List of transcription factors for detection by the Protein/DNA ComboArray.

|  |
| --- |
| AP-1 |
| AP-2 |
| ARE |
| Brn-3 |
| C/EBP |
| CBF |
| CDP |
| c-Myb |
| CREB |
| E2F-1 |
| EGR |
| ERE |
| Ets |
| Ets-1/PEA3 |
| FAST-1 |
| GAS/ISRE |
| GATA |
| GRE |
| IRF-1 |
| MEF-1 |
| MEF-2 |
| Myc/Max |
| NF-1 |
| NFATc |
| NF-E1 (YY1) |
| NF-E2 |
| NFkB |
| oct-1 |
| p53 |
| Pax-5 |
| Pbx1 |
| Pit 1 |
| PPAR |
| PRE |
| RAR(DR-5) |
| RXR(DR-1) |
| SIE |
| Smad SBE |
| Smad 3/4 |
| Sp1 |
| SRE |
| Stat1 (p84/p91)  |
| Stat3 |
| Stat4 |
| Stat5 |
| Stat5/Stat6 |
| TFIID |
| TR |
| TR(DR-4) |
| USF-1 |
| VDR(DR-3) |
| HSE |
| MRE |
| ADR1 |
| AhR/Arnt |
| Angiotensinogen ANG-IRE |
| Antioxidant RE |
| AP3 |
| AP4 |
| Beta-response element |
| CdxA/NKX2 |
| CEF1 |
| CEF2 |
| CETP-CRE |
| COUP-TF |
| CREB-BP1 |
| c-Rel |
| E47 |
| E4BP4 |
| E4F, ATF |
| Elk1 |
| EVI-1 |
| FKHR |
| Fkhr |
| Afxh (Foxo4) |
| Freac-2 (1) |
| Freac-2 (2) |
| Freac-4 |
| Freac-7 |
| GAG |
| GAS |
| GATA-1 |
| GATA-1/2 |
| GATA-2 |
| GATA-3 |
| GATA-4 |
| GATA-6 |
| Gfi-1 |
| HFH-1 |
| HFH-2 |
| HFH-3 |
| HFH-8 |
| HIF-1 |
| HNF-3 (a, b, g) |
| HNF-3 b |
| HNF-4 (2) |
| HNF-4 & COUP-TF |
| Ikaros  |
| IRF-1, IRF-2 |
| ISRE (1) |
| ISRE (TRANSFAC) |
| L-III BP |
| KLF |
| MEF-3 |
| MSP1 |
| hTERT-MT-Box |
| MUSF1 |
| MZF1 |
| NF-Y |
| Nkx-2.5 |
| NPAS2 |
| NZF-3 |
| ORE |
| p300 |
| PARP |
| Pax2 |
| Pax3 |
| Pax4 |
| Pax6 |
| Pax8 |
| PPARa |
| PPARr |
| RREB (1) |
| RSRFC4 |
| SAA  |
| Skn |
| SRY |
| Tax/CREB |
| TCF/LEF |
| XBP-1 |
| XRE |
| ADD1 |
| AF1, ARP1., NF-BA |
| AFP1 |
| AIC, CBF |
| AML1 |
| AREB6 |
| ARP |
| ATF/CRE |
| ATF2 |
| CACC |
| CCAAT |
| CCAC |
| CD28RC |
| CD28RC, NF-IL2B |
| Cdx2 |
| CEA |
| CP1, CTF, CBTF |
| CPE |
| CREB2 |
| CSBP |
| CTCF |
| E12 |
| EBP40, 45 |
| EKLF(1)  |
| EKLF(2) |
| Elf-1 |
| HEN1 |
| HFH-8, HNF3,LUN |
| HiNF |
| HLF |
| HMG |
| HNF-1A |
| HOX4C |
| HOXD8,9,10 |
| HOXD8 |
| HOXD8 |
| HOXD9,10 |
| ICSBP |
| Isl-1 |
| KPF1 |
| KTP1 |
| LCR-F1 |
| LF-A1 |
| LR1 |
| LyF |
| LyF-1 |
| LyF-1 |
| MAZ |
| MTB-Zf |
| MTF |
| MyoD |
| MyoG |
| MyTI |
| MZF1(1) |
| MZF1(2) |
| NF-4FA |
| NF-Gma (1) |
| NFIL-2 |
| NF-Y |
| NRF-1 |
| p53 |
| p55 |
| PEBP |
| PEBP2 |
| PPUR(1) |
| PPUR(2) |
| Pur-1 |
| PYR |
| RB |
| RFX1,2,3,  |
| RIPE3a1 |
| SIF1 |
| SIF2 |
| SIF3 |
| SP1, ASP |
| SRF, SAP |
| TCE |
| TFE3 |
| Tf-LF |
| TGT3 |
| TTF1 |
| TREF1, 2 |
| v-Maf |
| WT1 (1) |
| WT1 (2) |
| WT1 (3) |
| X2BP |
| XBP1, X2BP |
| ZNF174 |
| AAF |
| ABF-1 |
| ACF |
| ACPBP(CRY-alphaA) |
| ALF1B |
| alpha-PAL |
| AP2 |
| AP3 |
| ATF-adelta |
| ATF-a |
| beta M-globin factor B1 |
| BZP |
| C/EBPa/g |
| C/EBPalpha(1) |
| C/EBPalpha(2) |
| C/EBPgamma |
| CBFB |
| CBF |
| c-Ets-1 |
| c-fos enhancer-binding protein |
| c-myb binding protein |
| c-Myc-responsive region |
| COUP-TF(2) |
| CP1B |
| CP1 |
| CREB(2) |
| CYP1A1 |
| DE I |
| E12/E47 |
| E2 |
| EBP-80 |
| EGF binding protein |
| EGR1 |
| EGR2 BP |
| EIL1/2/3 |
| ETF |
| Fra-1/JUN |
| GATA1(2) |
| GBF1/2/3/HY5 |
| GKLF |
| H4TF-1 |
| HFH-11B/11a |
| HFH |
| HiNF-A |
| HiNF-B/H1TF1 |
| HiNF-D3 |
| HNF1a/b/c |
| HNF-4alpha2/1 |
| HOXA4 |
| IL-6 RE-BP |
| ISGF |
| kBF-A |
| lactoferrin BP |
| LF-A1(2) |
| LF-A2 |
| LF-B2 |
| LH2/Lim1 |
| LSF |
| LXRE1 |
| MBP-1(1) |
| MBP-1(2) |
| MDBP(1) |
| MDBP(2) |
| MEF-2a |
| Mfh-1 |
| MHC gene promoter W box |
| msx1/2/3 |
| Myb(2) |
| myc-CF1 |
| myc-PRF |
| NCAM binding protein |
| NF-1(2) |
| NF-1/L |
| NF-A3 |
| NFAT-1 |
| NF-Atp |
| NF-Atx |
| NF-E2(2) |
| NFE-6/CP1 |
| NFkB(2) |
| NFkBp65 |
| N-ras binding protein |
| Oct-4/Oct3 |
| ODC |
| p53(2) |
| PAX1 |
| pax2 |
| Pax5(2) |
| Pax-6 |
| PBGD binding protein |
| PCF |
| PEPCK promoter GR |
| PO-B |
| PRDI-BFc |
| PRDII-BF1 |
| PREB |
| PTF1-beta |
| PTF1 |
| PU.1 |
| PUR |
| RFX1/2/3 |
| RORE |
| RVF |
| Snail |
| SPERM1 |
| SRF(2) |
| SSAP |
| Stat1/Stat3 |
| Stat5b |
| Surf-2(2) |
| T3R |
| Tat |
| TEF1(1) |
| TEF1(2) |
| TFE3-L |
| TFEB |
| Thy-1binding protein |
| transferrinBP |
| TTF-1(1) |
| TxREF, NF III |
| URE |
| v-rel 50-55K |
| WAP BP |
| XBP1(2) |
| YB1 |