

SUPPLEMENTARY MATERIAL for *Corcoran et al. (2005) Genome Res. 15:840-847* (version 2, June 11th, 2005):**COMPARISON OF FOOTER WITH *ConSite* AND *rVista*.**

| Factor | Promoter | No . of sites | Footer | ConSite (def) | ConSite (70%, 70%) | rVista |
|-----------------|--------------|---------------|----------|---------------|--------------------|-------------|
| NFAT | IL2 | 5 | 4TP, 1FP | N/A | | 5 TP 24 FP |
| | IL4 | 5 | 3TP, 1FP | N/A | | 5 TP, 13 FP |
| HNF-1 α | PEPCK | 1 | 1TP, 0FP | 1 TP, 0 FP | <i>too many FP</i> | 1 TP, 1 FP |
| | G6Pase | 1 | 1TP, 1FP | 0 TP, 0 FP | 1 TP, 0 FP | 1 TP, 4 FP |
| | Pdx-1 | 2 | 1TP, 0FP | 0 TP, 0 FP | 2 TP, 1 FP | 1 TP, 1 FP |
| HNF-3 β | C7AH | 1 | 0TP, 2FP | 0 TP, 2 FP | 1 TP, 3 FP | 1 TP, 3 FP |
| | PEPCK | 1 | 1TP, 0FP | 0 TP, 0 FP | <i>too many FP</i> | 1 TP, 2 FP |
| | Pdx-1 | 3 | 3TP, 1FP | 2 TP, 0 FP | | 3 TP, 8 FP |
| HNF-3 γ | G6Pase | 3 | 1TP, 2FP | N/A | | N/A |
| HNF-4 | C7AH | 1 | 1TP, 0FP | N/A | | 1 TP, 0 FP |
| C/EBP- α | ACDC | 1 | 1TP, 2FP | N/A | N/A | 1TP, 12FP |
| C/EBP- β | PEPCK | 3 | 2TP, 0FP | 1 TP, 1 FP | <i>too many FP</i> | 1 TP, 6 FP |
| | IL-6 | 1 | 1TP, 0FP | 1TP, 1FP | | 1TP, 9FP |
| | Leptin | 1 | 1TP, 0FP | 1 TP, 0 FP | | 1 TP, 7 FP |
| CREB | PEPCK | 2 | 2TP, 0FP | 1 TP, 0 FP | | 2 TP, 6 FP |
| | CG-a | 2 | 2TP, 0FP | 0 TP, 0 FP | 0 TP, 0 FP | 2 TP, 3 FP |
| | hCG α | 1 | 1TP, 1FP | 0TP, 1FP | 1TP, 3FP | 1TP, 3FP |
| | IL-6 | 1 | 1TP, 1FP | 1TP, 0FP | | 1TP, 2FP |
| | CDC2L2 | 1 | 1TP, 0FP | 0TP, 0FP | 0TP, 1FP | 0TP, 0FP |
| | BDKRB2 | 1 | 1TP, 0FP | 1TP, 0FP | | 1TP, 0FP |
| | CART | 1 | 1TP, 0FP | 1TP, 0FP | | 1TP, 0FP |
| GR- α | PEPCK | 1 | 0TP, 1FP | N/A | | 0 TP, 0 FP |
| T3R | PEPCK | 1 | 1TP, 0FP | N/A | | 0 TP, 3 FP |
| Sp1 | Leptin | 1 | 1TP, 0FP | 1 TP, 1 FP | | 1 TP, 16 FP |
| | NES | 2 | 2TP, 1FP | 0TP, 0FP | 2TP, 2FP | 2TP, 5FP |
| | MMP9 | 1 | 0TP, 1FP | 0TP, 2FP | <i>too many FP</i> | 1TP, 8FP |
| SRF | EGR1 | 4 | 4TP, 0FP | 3 TP, 0 FP | | 3 TP, 3 FP |
| | ACTA1 | 3 | 3TP, 0FP | 3 TP, 0 FP | | 3 TP, 0 FP |
| | CaMh | 2 | 1TP, 0FP | 0 TP, 0 FP | 1 TP, 0 FP | 0 TP, 0 FP |
| | CKMM | 1 | 1TP, 1FP | 1 TP, 1 FP | | 0 TP, 0 FP |
| MEF-2 | CaMh | 1 | 1TP, 2FP | 0 TP, 2 FP | 1 TP, 2 FP | 1 TP, 0 FP |
| | CKMM | 2 | 2TP, 0FP | 1 TP, 0 FP | | 0 TP, 0 FP |
| NF-Y | LPL | 1 | 1TP, 1FP | 1TP, 0FP | | 1TP, 5FP |

| | | | | | | |
|----------------|-----------|---|----------|------------|------------|------------|
| | ACDC | 1 | 1TP, 1FP | 0TP, 0FP | 0TP, 1FP | 0TP, 2FP |
| | Cyclin B2 | 1 | 1TP, 0FP | 0TP, 0FP | 1TP, 0FP | 1TP, 1FP |
| GATA-1 | Vcam-1 | 1 | 1TP, 0FP | 1 TP, 4 FP | | 1 TP, 6 FP |
| GATA-3 | CG-a | 1 | 1TP, 1FP | 0 TP, 0 FP | 0 TP, 0 FP | 1 TP, 3 FP |
| NF- κ B | Vcam-1 | 1 | 1TP, 0FP | 0 TP, 0 FP | 1 TP, 2 FP | 0 TP, 0 FP |
| | IL-6 | 1 | 1TP, 0FP | 1TP, 0FP | | 1TP, 2FP |
| | MMP9 | 1 | 1TP, 1FP | 1TP, 0FP | 1 TP, 1 FP | 1TP, 2FP |
| | iNOS | 2 | 1TP, 1FP | 0TP, 0FP | 0TP, 2FP | 1TP, 2FP |
| NF-1 | PEPCK | 1 | 1TP, 0FP | N/A | | 0TP, 12FP |
| AP-1 | PEPCK | 2 | 1TP, 0FP | N/A | | 2TP, 8 FP |
| | Vcam-1 | 1 | 1TP, 0FP | N/A | | 1TP, 5FP |
| | MMP9 | 2 | 2TP, 0FP | N/A | | 2TP, 2FP |

Table Suppl2. Results of predictions of programs *ConSite* {Lenhard, 2003 #258} and *rVista* {Loots, 2002 #271}. *ConSite* ran with its default parameters and also with 70% for score threshold and the minimum between 70% or the default fo identity percentage. *rVista* ran with the option “conserved”. Based on the results of the optimal runs of these programs on the same promoter set, their sensitivity and specificity values were measured to be 69% and 55% for *ConSite* (on 49 sites) and 78% and 22% for the *rVista* (on 69 sites), respectively. By comparison, FOOTER achieved a sensitivity of 83% and specificity of 72% (on 72 sites).