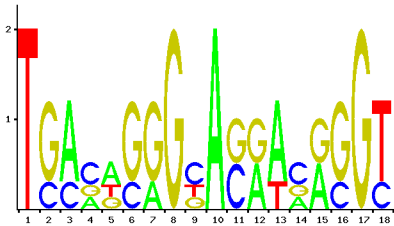


ARID3a (human)

AT rich interactive domain 3A (BRIGHT-like)Helix-Turn-Helix Group, Arid Domain Family. PAZAR [TF0000816](#). TFe [523](#).

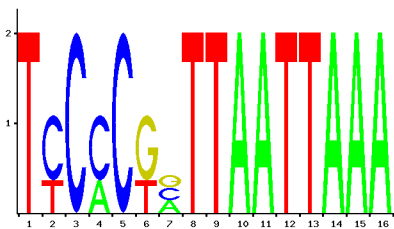
PFM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	5	11	26	22	14	6	5	17	12	28	0	5	26	30	22
C	0	1	4	4	1	9	9	2	4	0	3	15	1	0	2
G	0	2	0	1	2	8	13	11	3	0	0	0	0	0	0
T	25	16	0	3	13	7	3	0	11	2	27	10	3	0	6



Arnt (mouse)

aryl hydrocarbon receptor nuclear translocatorZipper-Type Group, Helix-Loop-Helix Family. PAZAR [TF0000888](#). TFe [580](#).

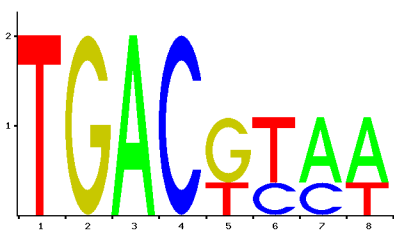
PFM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A	0	0	3	1	2	0	1	0	0	4	0	2	3	1	2	0	0	0
C	0	1	1	2	0	1	0	0	2	0	2	0	0	2	0	1	0	1
G	0	3	0	1	1	3	3	4	1	0	2	2	0	1	2	3	4	0
T	4	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	3



Arx (mouse)

aristaless related homeoboxHelix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000800](#). TFe [583](#).

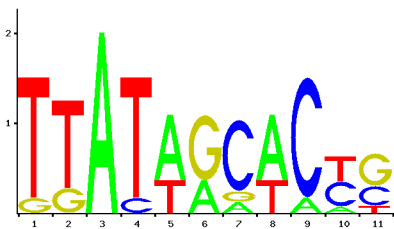
PFM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	0	0	0	1	0	0	1	0	0	3	3	0	0	3	3	3
C	0	2	3	2	3	0	1	0	0	0	0	0	0	0	0	0
G	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0
T	3	1	0	0	0	1	0	3	3	0	0	3	3	0	0	0



Atf2 (mouse)

activating transcription factor 2Zipper-Type Group, Leucine Zipper Family. PAZAR [TF0000883](#). TFe [584](#).

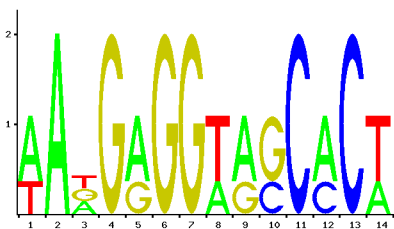
PFM	1	2	3	4	5	6	7	8
A	0	0	3	0	0	0	2	2
C	0	0	0	3	0	1	1	0
G	0	3	0	0	2	0	0	0
T	3	0	0	0	1	2	0	1



CDX2 (human)

caudal type homeobox 2Helix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000770](#). TFe [526](#).

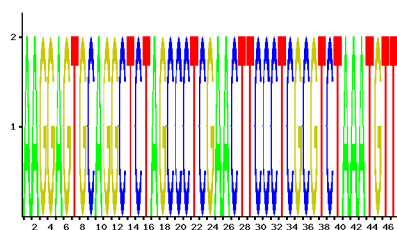
PFM	1	2	3	4	5	6	7	8	9	10	11
A	0	0	9	0	6	3	1	6	1	1	0
C	0	0	0	1	0	0	7	0	8	4	3
G	1	2	0	0	0	6	1	0	0	0	5
T	8	7	0	8	3	0	0	3	0	4	1



Arntl (mouse)

aryl hydrocarbon receptor nuclear translocator-likeZipper-Type Group, Helix-Loop-Helix Family. PAZAR [TF0000885](#). TFe [582](#).

PFM	1	2	3	4	5	6	7	8	9	10	11	12	13	14
A	2	3	1	0	2	0	0	1	2	0	0	2	0	1
C	0	0	0	0	0	0	0	0	0	1	3	1	3	0
G	0	0	1	3	1	3	3	0	1	2	0	0	0	0
T	1	0	1	0	0	0	0	2	0	0	0	0	0	2

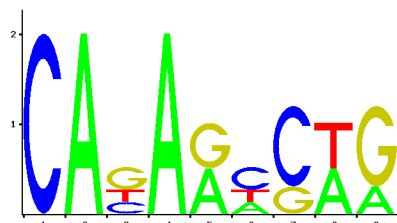


Ctcf (mouse)

CCCTC-binding factor

Zinc-coordinating Group, BetaBetaAlpha-zinc Finger Family. PAZAR [TF0000997](#). TFe [613](#).

The position frequency matrix (PFM) for this logo is too large to be displayed in this area. Please visit the article on the TFe website at <http://www.cisreg.ca/cgi-bin/tfe/articles.pl?tfid=613> to view the matrix and other information regarding this transcription factor.

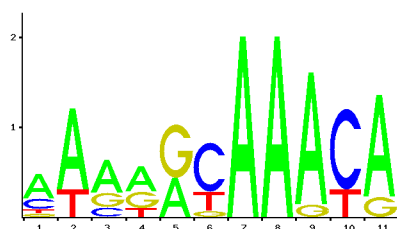


Foxa1 (mouse)

forkhead box A1

Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR [TF0000716](#). TFe [172](#).

PFM	1	2	3	4	5	6	7	8	9
A	0	4	0	4	2	1	0	2	1
C	4	0	1	0	0	2	3	0	0
G	0	0	2	0	2	0	1	0	3
T	0	0	1	0	0	1	0	2	0

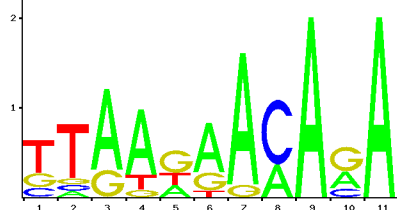


Foxa1 (mouse)

forkhead box A1

Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR [TF0000718](#). TFe [172](#).

PFM	1	2	3	4	5	6	7	8	9	10	11
A	7	9	7	6	5	0	12	12	11	0	10
C	3	0	2	0	0	8	0	0	0	9	0
G	1	0	3	4	7	1	0	0	1	0	2
T	1	3	0	2	0	3	0	0	0	3	0

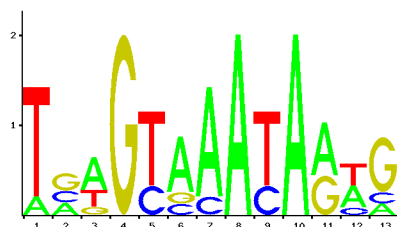


Foxa2 (rat)

forkhead box A2

Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR [TF0000681](#). TFe [168](#).

PFM	1	2	3	4	5	6	7	8	9	10	11
A	0	1	9	9	3	8	11	4	12	4	12
C	2	1	0	0	0	0	0	8	0	2	0
G	3	1	3	1	6	3	1	0	0	6	0
T	7	9	0	2	3	1	0	0	0	0	0

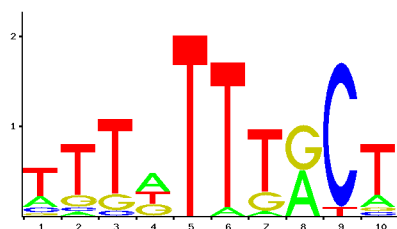


Foxa2 (mouse)

forkhead box A2

Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR [TF0000717](#). TFe [167](#).

PFM	1	2	3	4	5	6	7	8	9	10	11	12	13
A	1	2	4	0	0	5	6	7	0	7	4	3	1
C	0	2	0	0	2	1	1	0	2	0	0	1	1
G	0	3	1	7	0	1	0	0	0	0	3	0	5
T	6	0	2	0	5	0	0	0	5	0	0	3	0

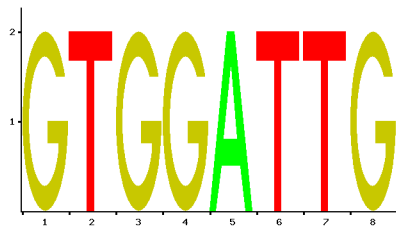


Foxa2 (mouse)

forkhead box A2

Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR [TF0000720](#). TFe [167](#).

PFM	1	2	3	4	5	6	7	8	9	10
A	4	1	0	8	0	1	1	9	0	3
C	2	1	1	0	0	0	0	0	17	1
G	1	3	3	5	0	0	4	9	0	1
T	11	13	14	5	18	17	13	0	1	13

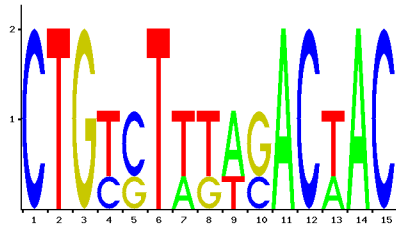


Foxh1 (mouse)

forkhead box H1

Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR [TF0000679](#). TFe [171](#).

PFM	1	2	3	4	5	6	7	8
A	0	0	0	0	4	0	0	0
C	0	0	0	0	0	0	0	0
G	4	0	4	4	0	0	0	4
T	0	4	0	0	0	4	4	0

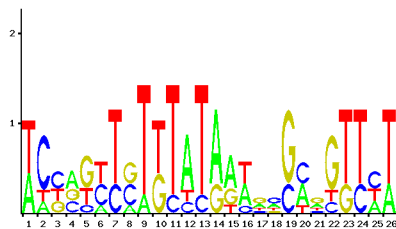


FOXL2 (human)

forkhead box L2

Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR [TF0000786](#). TFe [436](#).

PFM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	0	0	0	0	0	0	1	0	2	0	3	0	1	3	0
C	3	0	0	1	2	0	0	0	0	1	0	3	0	0	3
G	0	0	3	0	1	0	0	1	0	2	0	0	0	0	0
T	0	3	0	2	0	3	2	2	1	0	0	0	2	0	0

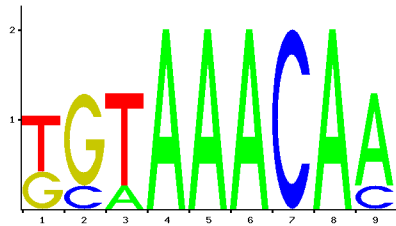


FOXM1 (human)

forkhead box M1

Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR TF0000881. TFe 437.

PFM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A	3	1	0	3	0	1	0	1	1	0	0	5	0	5	4	3	2	2	0	3	2	0	0	0	2	2
C	0	5	3	2	1	3	2	3	0	0	1	1	1	0	0	1	1	3	2	3	1	1	0	2	3	0
G	0	0	2	2	4	0	0	3	0	3	0	0	0	2	2	0	3	1	5	0	3	5	2	0	0	0
T	4	1	2	0	2	3	5	0	6	4	6	1	6	0	1	3	1	1	0	1	1	1	5	5	2	5

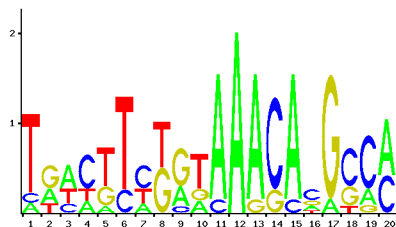


FOXO3 (human)

forkhead box O3

Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR TF0000811. TFe 443.

PFM	1	2	3	4	5	6	7	8	9
A	0	0	1	5	5	5	0	5	4
C	0	1	0	0	0	0	5	0	1
G	2	4	0	0	0	0	0	0	0
T	3	0	4	0	0	0	0	0	0

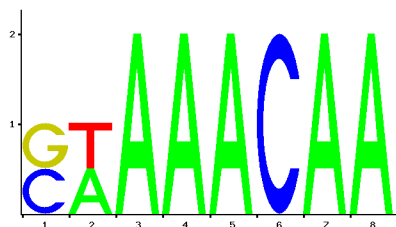


FOXO1 (human)

forkhead box O1

Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR [TF0000812](#). TFe [442](#).

PFM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	1	3	5	2	1	0	2	0	3	2	9	10	9	0	9	2	1	0	2	6
C	1	0	2	6	0	2	5	0	1	0	1	0	0	8	1	5	0	6	7	4
G	0	5	0	0	3	0	0	5	6	2	0	0	1	2	0	2	9	3	1	0
T	8	2	3	2	6	8	3	5	0	6	0	0	0	0	0	1	0	1	0	0

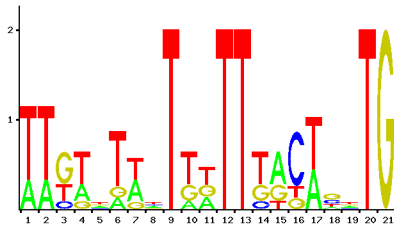


FOXO4 (human)

forkhead box O4

Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR [TF0000815](#). TFe 444.

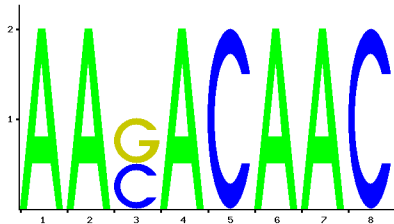
PFM	1	2	3	4	5	6	7	8
A	0	1	2	2	2	0	2	2
C	1	0	0	0	0	2	0	0
G	1	0	0	0	0	0	0	0
T	0	1	0	0	0	0	0	0



FOXO4 (human)

forkhead box O4Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR [TF0000771](#). TFe [444](#).

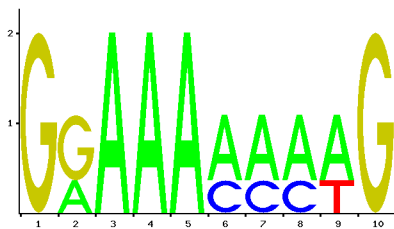
PFM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A	2	2	0	2	2	1	3	2	0	1	2	0	0	0	4	0	3	1	2	0	0
C	0	0	1	0	1	0	0	2	0	0	0	0	0	1	0	5	0	2	1	0	0
G	0	0	4	1	2	1	1	1	0	2	2	0	0	2	2	1	0	3	2	0	7
T	5	5	2	4	2	5	3	2	7	4	3	7	7	4	1	1	4	1	2	7	0



Foxp1 (mouse)

forkhead box P1Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR [TF0000805](#). TFe [480](#).

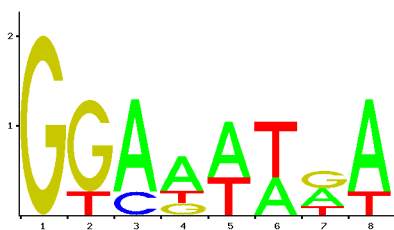
PFM	1	2	3	4	5	6	7	8
A	2	2	0	2	0	2	2	0
C	0	0	1	0	2	0	0	2
G	0	0	1	0	0	0	0	0
T	0	0	0	0	0	0	0	0



Foxp1 (mouse)

forkhead box P1Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR [TF0000802](#). TFe [480](#).

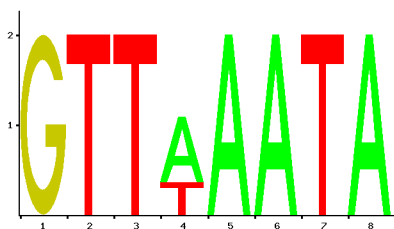
PFM	1	2	3	4	5	6	7	8	9	10
A	0	1	3	3	3	2	2	2	2	0
C	0	0	0	0	0	1	1	1	0	0
G	3	2	0	0	0	0	0	0	0	3
T	0	0	0	0	0	0	0	0	1	0



HHEX (human)

hematopoietically expressed homeoboxNot specified, Not specified. PAZAR [TF0000803](#). TFe [558](#).

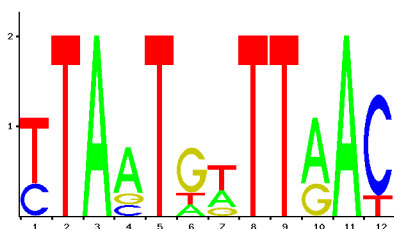
PFM	1	2	3	4	5	6	7	8
A	0	0	4	3	3	2	2	4
C	0	0	1	0	0	0	0	0
G	5	4	0	1	0	0	2	0
T	0	1	0	1	2	3	1	1



HNF1B (human)

HNF1 homeobox BHelix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000782](#). TFe [544](#).

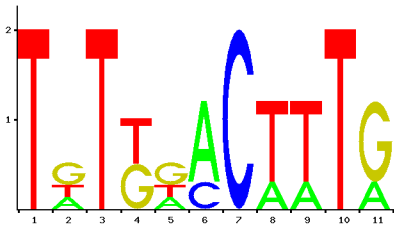
PFM	1	2	3	4	5	6	7	8
A	0	0	0	2	3	3	0	3
C	0	0	0	0	0	0	0	0
G	3	0	0	0	0	0	0	0
T	0	3	3	1	0	0	3	0



HNF1B (human)

HNF1 homeobox BHelix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000780](#). TFe [544](#).

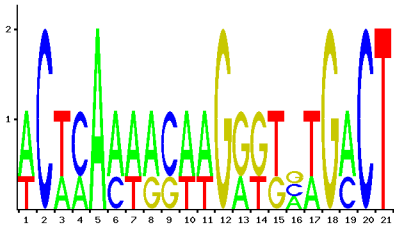
PFM	1	2	3	4	5	6	7	8	9	10	11	12
A	0	0	6	4	0	1	2	0	0	4	6	0
C	2	0	0	1	0	0	0	0	0	0	0	5
G	0	0	0	1	0	4	1	0	0	2	0	0
T	4	6	0	0	6	1	3	6	6	0	0	1



HNF4G (human)

hepatocyte nuclear factor 4, gammaZinc-coordinating Group, Hormone-nuclear Receptor Family. PAZAR [TF0000900](#). TFe [310](#).

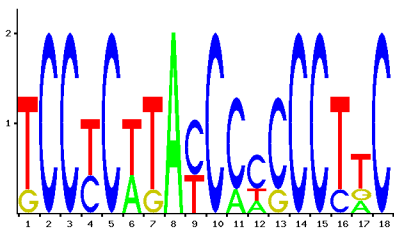
PFM	1	2	3	4	5	6	7	8	9	10	11
A	0	1	0	0	1	3	0	1	1	0	1
C	0	0	0	0	0	1	4	0	0	0	0
G	0	2	0	2	2	0	0	0	0	0	3
T	4	1	4	2	1	0	0	3	3	4	0



HNF4G (human)

hepatocyte nuclear factor 4, gammaZinc-coordinating Group, Hormone-nuclear Receptor Family. PAZAR [TF0000903](#). TFe [310](#).

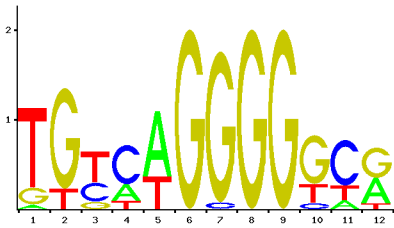
PFM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A	2	0	1	1	3	2	2	2	0	2	2	0	1	0	0	1	1	0	2	0	0
C	0	3	0	2	0	1	0	0	2	0	0	0	0	0	0	1	0	0	1	3	0
G	0	0	0	0	0	0	0	1	1	0	0	3	2	2	1	1	0	3	0	0	0
T	1	0	2	0	0	0	1	0	0	1	1	0	0	1	2	0	2	0	0	0	3



Hnrnpk (mouse)

heterogeneous nuclear ribonucleoprotein KNot specified, Not specified. PAZAR [TF0000778](#). TFe [552](#).

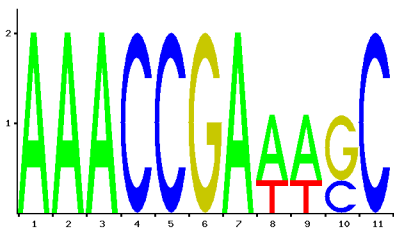
PFM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A	0	0	0	0	0	2	0	5	0	0	1	1	0	0	0	0	1	0
C	0	5	5	2	5	0	0	0	3	5	4	3	4	5	5	1	0	5
G	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0
T	4	0	0	3	0	3	4	0	2	0	0	1	0	0	0	4	3	0



INSM1 (human)

insulinoma-associated 1Not specified, Not specified. PAZAR [TF0000773](#). TFe [548](#).

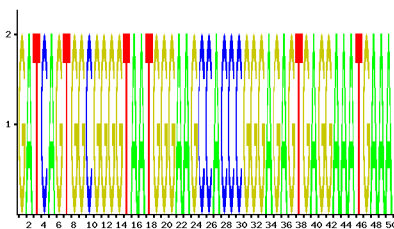
PFM	1	2	3	4	5	6	7	8	9	10	11	12
A	1	0	0	6	16	0	0	0	0	0	3	10
C	0	0	8	15	0	0	1	0	0	2	16	0
G	4	20	3	0	0	24	23	24	24	16	0	12
T	19	4	13	3	8	0	0	0	0	6	5	2



Irf1 (mouse)

interferon regulatory factor 1Winged Helix-Turn-Helix, Interferon Regulatory Factor. PAZAR [TF0000918](#). TFe [703](#).

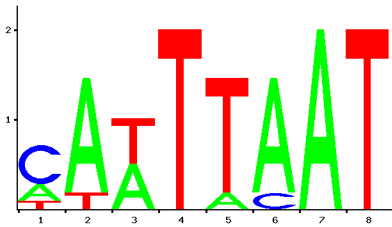
PFM	1	2	3	4	5	6	7	8	9	10	11
A	3	3	3	0	0	0	3	2	2	0	0
C	0	0	0	3	3	0	0	0	0	1	3
G	0	0	0	0	0	3	0	0	0	2	0
T	0	0	0	0	0	0	0	1	1	0	0



Irf1 (mouse)

interferon regulatory factor 1Winged Helix-Turn-Helix, Interferon Regulatory Factor. PAZAR [TF0001101](#). TFe [703](#).

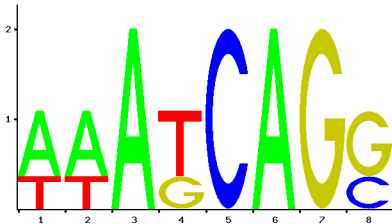
The position frequency matrix (PFM) for this logo is too large to be displayed in this area. Please visit the article on the TFe website at <http://www.cisreg.ca/cgi-bin/tfe/articles.pl?tfid=703> to view the matrix and other information regarding this transcription factor.



LHX3 (human)

LIM homeobox 3Helix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000801](#). TFe [515](#).

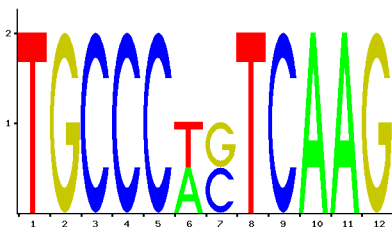
PFM	1	2	3	4	5	6	7	8
A	2	7	4	0	1	7	8	0
C	5	0	0	0	0	1	0	0
G	0	0	0	0	0	0	0	0
T	1	1	4	8	7	0	0	7



LHX3 (human)

LIM homeobox 3Helix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000836](#). TFe [515](#).

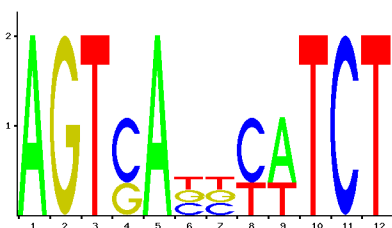
PFM	1	2	3	4	5	6	7	8
A	2	2	3	0	0	3	0	0
C	0	0	0	0	3	0	0	1
G	0	0	0	1	0	0	3	2
T	1	1	0	2	0	0	0	0



Nkx2-1 (mouse)

NK2 homeobox 1Helix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000834](#). TFe [888](#).

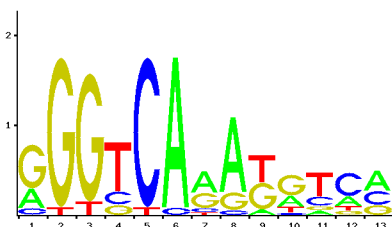
PFM	1	2	3	4	5	6	7	8	9	10	11	12
A	0	0	0	0	0	1	0	0	0	2	2	0
C	0	0	2	2	2	0	1	0	2	0	0	0
G	0	2	0	0	0	0	1	0	0	0	0	2
T	2	0	0	0	0	1	0	2	0	0	0	0



Nr2e1 (mouse)

nuclear receptor subfamily 2, group E, member 1Zinc-coordinating Group, Hormone-nuclear Receptor Family. PAZAR [TF0000733](#). TFe [181](#).

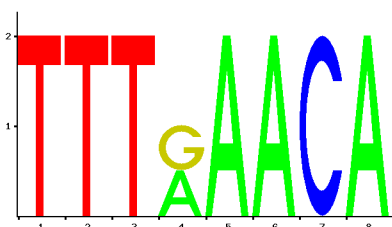
PFM	1	2	3	4	5	6	7	8	9	10	11	12
A	3	0	0	0	3	0	0	0	2	0	0	0
C	0	0	0	2	0	1	1	2	0	0	3	0
G	0	3	0	1	0	1	1	0	0	0	0	0
T	0	0	3	0	0	1	1	1	1	3	0	3



NR2F2 (human)

nuclear receptor subfamily 2, group F, member 2Zinc-coordinating Group, Hormone-nuclear Receptor Family. PAZAR [TF0000781](#). TFe [323](#).

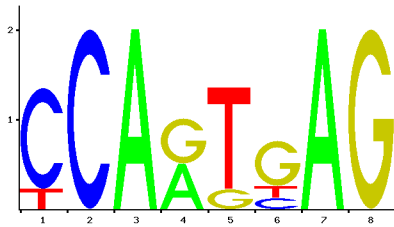
PFM	1	2	3	4	5	6	7	8	9	10	11	12	13
A	6	0	0	0	0	21	11	17	2	6	2	5	10
C	2	0	0	4	21	1	2	1	0	1	5	13	7
G	14	21	20	3	0	0	8	4	10	12	2	2	5
T	0	1	2	15	1	0	1	0	10	3	13	2	0



PAX6 (human)

paired box 6Helix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000994](#). TFe [506](#).

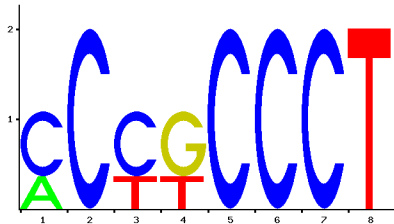
PFM	1	2	3	4	5	6	7	8
A	0	0	0	1	2	2	0	2
C	0	0	0	0	0	0	2	0
G	0	0	0	1	0	0	0	0
T	2	2	2	0	0	0	0	0



PAX6 (human)

paired box 6Helix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000993](#). TFe [506](#).

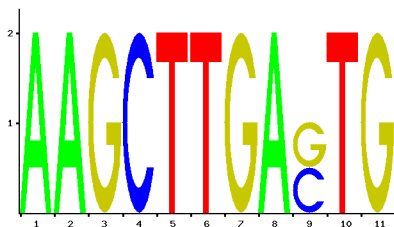
PFM	1	2	3	4	5	6	7	8
A	0	0	6	3	0	0	6	0
C	5	6	0	0	0	1	0	0
G	0	0	0	3	1	4	0	6
T	1	0	0	0	5	1	0	0



Pax8 (mouse)

paired box gene 8Helix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000832](#). TFe [793](#).

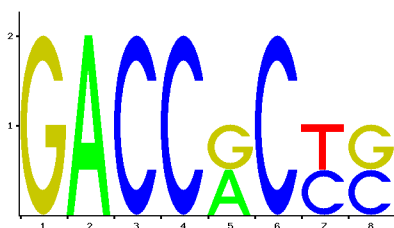
PFM	1	2	3	4	5	6	7	8
A	1	0	0	0	0	0	0	0
C	2	3	2	0	3	3	3	0
G	0	0	0	2	0	0	0	0
T	0	0	1	1	0	0	0	3



Pax8 (mouse)

paired box gene 8Helix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000831](#). TFe [793](#).

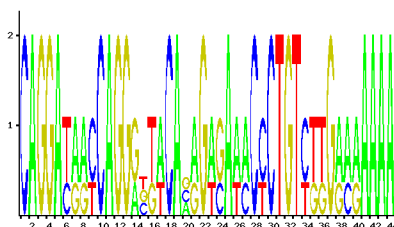
PFM	1	2	3	4	5	6	7	8	9	10	11
A	2	2	0	0	0	0	0	2	0	0	0
C	0	0	0	2	0	0	0	0	1	0	0
G	0	0	2	0	0	0	2	0	1	0	2
T	0	0	0	0	2	2	0	0	0	2	0



Pdx1 (mouse)

pancreatic and duodenal homeobox 1Helix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000920](#). TFe [797](#).

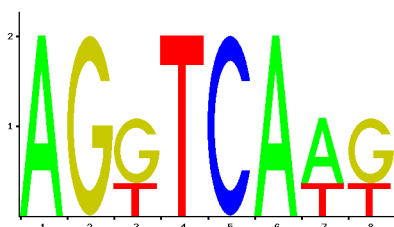
PFM	1	2	3	4	5	6	7	8
A	0	2	0	0	1	0	0	0
C	0	0	2	2	0	2	1	1
G	2	0	0	0	1	0	0	1
T	0	0	0	0	0	0	1	0



Prdm1 (mouse)

PR domain containing 1, with ZNF domainZinc-coordinating Group, BetaBetaAlpha-zinc Finger Family. PAZAR [TF0001103](#). TFe [596](#).

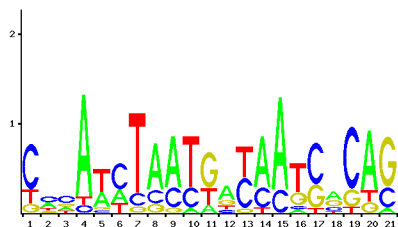
The position frequency matrix (PFM) for this logo is too large to be displayed in this area. Please visit the article on the TFe website at <http://www.cisreg.ca/cgi-bin/tfe/articles.pl?tfid=596> to view the matrix and other information regarding this transcription factor.



Ppara (mouse)

peroxisome proliferator activated receptor alphaZinc-coordinating Group, Hormone-nuclear Receptor Family. PAZAR [TF0000895](#). TFe [384](#).

PFM	1	2	3	4	5	6	7	8
A	3	0	0	0	0	3	2	0
C	0	0	0	0	3	0	0	0
G	0	3	2	0	0	0	0	2
T	0	0	1	3	0	0	1	1

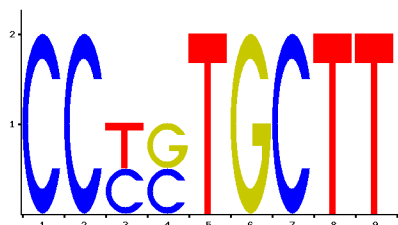


Six3 (mouse)

sine oculis-related homeobox 3 homolog (Drosophila)

Helix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000841](#). TFe [489](#).

PFM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A	0	5	3	13	5	4	0	10	10	1	2	8	0	10	12	1	0	6	0	11	1
C	10	6	7	1	1	8	2	3	4	4	0	2	7	4	3	1	9	3	11	0	4
G	2	2	3	0	1	0	1	2	1	0	9	3	1	0	0	4	5	5	3	2	10
T	3	2	2	1	8	3	12	0	0	10	4	2	7	1	0	9	1	1	1	2	0

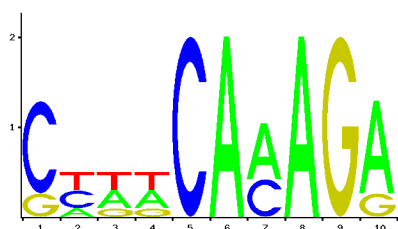


Six6 (mouse)

sine oculis-related homeobox 6 homolog (Drosophila)

Helix-Turn-Helix Group, Homeodomain Family. PAZAR [TF0000884](#). TFe [491](#).

PFM	1	2	3	4	5	6	7	8	9
A	0	0	0	0	0	0	0	0	0
C	2	2	1	1	0	0	2	0	0
G	0	0	0	1	0	2	0	0	0
T	0	0	1	0	2	0	0	2	2

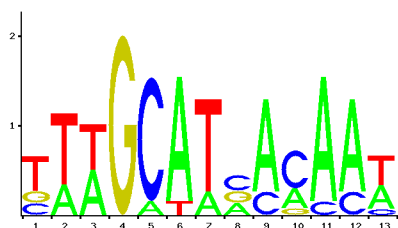


Sox10 (mouse)

SRY-box containing gene 10

Other Alpha-Helix Group, High Mobility Group (Box) Family. PAZAR [TF0000905](#). TFe [497](#).

PFM	1	2	3	4	5	6	7	8	9	10
A	0	1	2	2	0	5	3	5	0	4
C	4	2	0	0	5	0	2	0	0	0
G	1	0	1	1	0	0	0	0	5	1
T	0	2	2	2	0	0	0	0	0	0

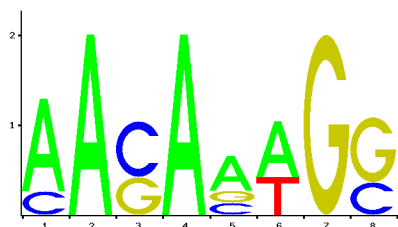


Sox2 (mouse)

SRY-box containing gene 2

Other Alpha-Helix Group, High Mobility Group (Box) Family. PAZAR [TF0000779](#). TFe [531](#).

PFM	1	2	3	4	5	6	7	8	9	10	11	12	13
A	0	3	5	0	1	9	2	3	8	3	9	8	4
C	2	0	0	0	9	0	0	4	2	6	1	2	1
G	2	0	0	10	0	0	0	3	0	1	0	0	0
T	6	7	5	0	0	1	8	0	0	0	0	0	5

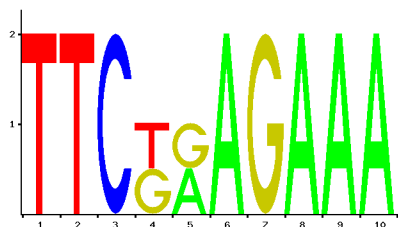


Sox8 (mouse)

SRY-box containing gene 8

Other Alpha-Helix Group, High Mobility Group (Box) Family. PAZAR [TF0000892](#). TFe [493](#).

PFM	1	2	3	4	5	6	7	8
A	4	5	0	5	3	3	0	0
C	1	0	3	0	1	0	0	1
G	0	0	2	0	1	0	5	2
T	0	0	0	0	0	2	0	0

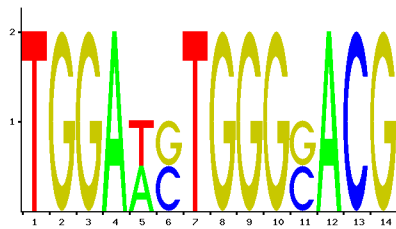


Stat5b (mouse)

signal transducer and activator of transcription 5B

Other, Stat Protein Family. PAZAR [TF0000687](#). TFe [852](#).

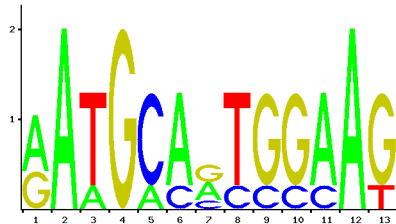
PFM	1	2	3	4	5	6	7	8	9	10
A	0	0	0	0	1	2	0	2	2	2
C	0	0	2	0	0	0	0	0	0	0
G	0	0	0	1	1	0	2	0	0	0
T	2	2	0	1	0	0	0	0	0	0



FOXO3 (human)

forkhead box O3Winged Helix-Turn-Helix, Forkhead Domain Family. PAZAR [TF0000810](#). TFe [443](#).

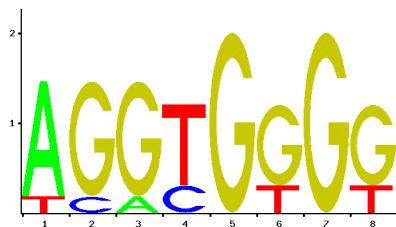
PFM	1	2	3	4	5	6	7	8	9	10	11	12	13	14
A	0	0	0	2	1	0	0	0	0	0	0	2	0	0
C	0	0	0	0	0	1	0	0	0	0	1	0	2	0
G	0	2	2	0	0	1	0	2	2	2	1	0	0	2
T	2	0	0	0	1	0	2	0	0	0	0	0	0	0



TWIST1 (human)

twist homolog 1 (Drosophila)Zipper-Type Group, Helix-Loop-Helix Family. PAZAR [TF0000909](#). TFe [1030](#).

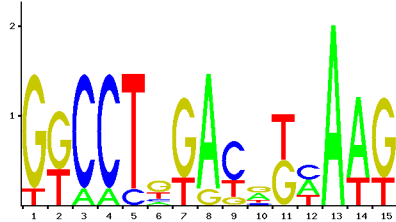
PFM	1	2	3	4	5	6	7	8	9	10	11	12	13
A	3	5	1	0	1	4	2	0	0	0	4	5	0
C	0	0	0	0	4	1	1	1	1	1	1	0	0
G	2	0	0	5	0	0	2	0	4	4	0	0	4
T	0	0	4	0	0	0	0	4	0	0	0	0	1



TWIST1 (human)

twist homolog 1 (Drosophila)Zipper-Type Group, Helix-Loop-Helix Family. PAZAR [TF0000886](#). TFe [1030](#).

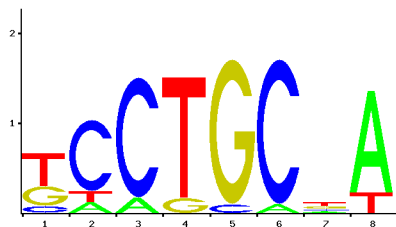
PFM	1	2	3	4	5	6	7	8
A	7	0	1	0	0	0	0	0
C	0	1	0	2	0	0	0	0
G	0	7	7	0	8	6	8	6
T	1	0	0	6	0	2	0	2



ZBTB16 (human)

zinc finger and BTB domain containing 16Not specified, Not specified. PAZAR [TF0000764](#). TFe [413](#).

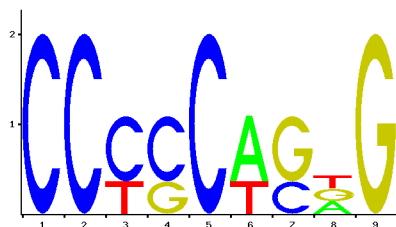
PFM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	0	0	1	1	0	1	0	7	0	3	0	3	8	6	0
C	0	0	7	7	1	1	0	0	5	1	0	3	0	0	0
G	7	5	0	0	0	4	6	1	1	3	4	0	0	0	6
T	1	3	0	0	7	2	2	0	2	1	4	2	0	2	2



Zbtb33 (mouse)

zinc finger and BTB domain containing 33Zinc-coordinating Group, BetaBetaAlpha-zinc Finger Family. PAZAR [TF0000910](#). TFe [944](#).

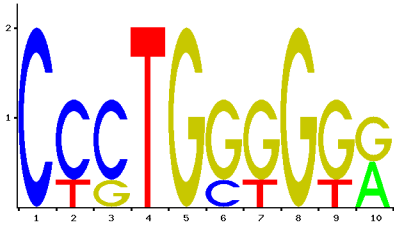
PFM	1	2	3	4	5	6	7	8
A	0	2	2	0	0	1	3	15
C	2	14	16	0	1	17	3	0
G	6	0	0	2	17	0	5	0
T	10	2	0	16	0	0	7	3



Zic1 (mouse)

zinc finger protein of the cerebellum 1Zinc-coordinating Group, BetaBetaAlpha-zinc Finger Family. PAZAR [TF0000898](#). TFe [570](#).

PFM	1	2	3	4	5	6	7	8	9
A	0	0	0	0	0	2	0	1	0
C	3	3	2	2	3	0	1	0	0
G	0	0	0	1	0	0	2	1	3
T	0	0	1	0	0	1	0	1	0



Zic2 (mouse)
zinc finger protein of the cerebellum 2
Zinc-coordinating Group, BetaBetaAlpha-zinc Finger Family. PAZAR [TF0000799](#). TFe [571](#).

PFM	1	2	3	4	5	6	7	8	9	10
A	0	0	0	0	0	0	0	0	0	2
C	4	3	3	0	0	1	0	0	0	0
G	0	0	1	0	4	3	3	4	3	2
T	0	1	0	4	0	0	1	0	1	0