

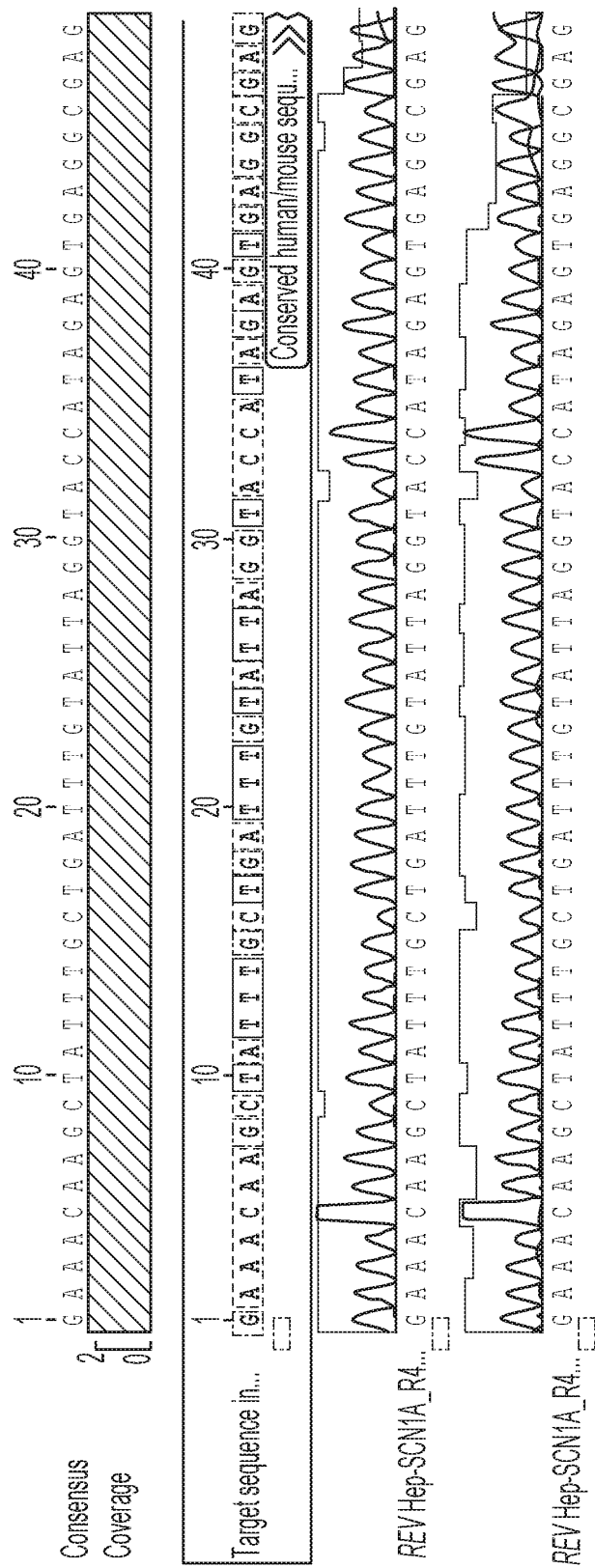


FIG. 1

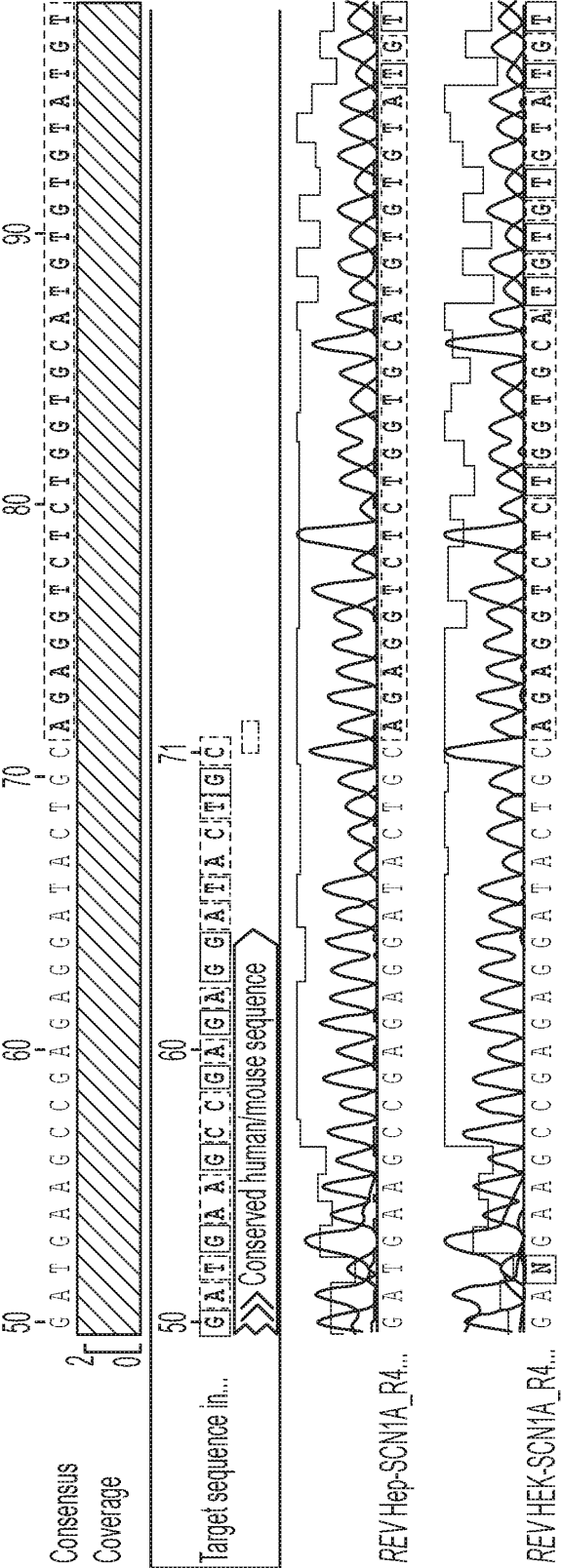


FIG. 1
CONTINUED

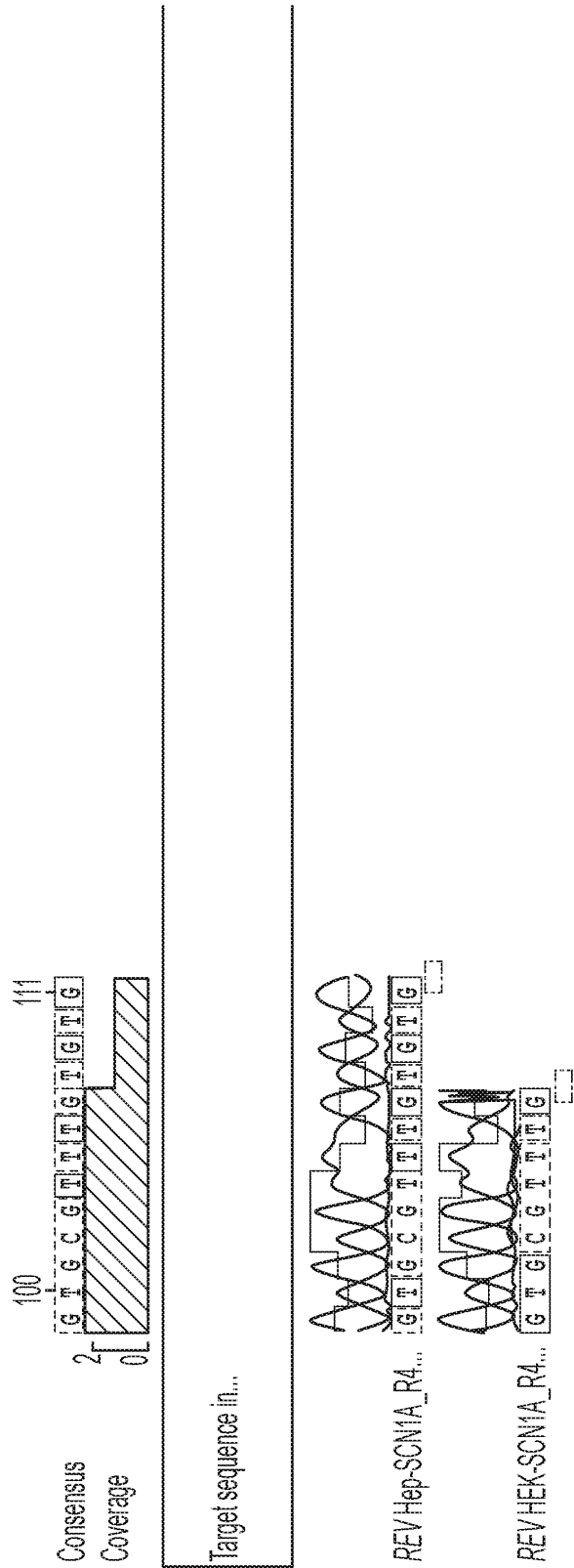


FIG. 1
CONTINUED

Reverse strand

[illegible]

Conserved region of interest for ZFP design in bold

GAGTGGCGGATGAGCCGAGGATACTGCAGAGTC

256

[illegible]

ZFP2

3
10
11

tttttttttttttttttttttttGAAACAAGCTATT
 TTGTTGATTGTGATTAGTACCATAGAGTGA.GGC.GAG.GAT.GAAGCCGAGAGGATACTGCAGGTTCTGTCGATgtgtatgtgtgegtttgtgtgtg

F1	GAA	QRENIVR
F2	GAT	LSPNLTR
F3	GAG	RSDNLTR
F4	GGC	DRSHLAR
F5	TGA	QXAHITA
F6	GAG	RSDNLTR

RP

FOCRICMNF	QRCNLTR	HIRHTGKRP
FACDICGKFA	LSNLTR	HTKHTGSOFP
FOCRICMNF	RSNLTR	HIRHTGKRP
FACDICGKFA	DRSHLAR	HTKHTGSOFP
FOCRICMNF	QKAZHLTRA	HIRHTGKRP
FACDICGKFA	RSNLTR	HTKHTLQXKO

4. G. E.

CGACCA

TTCCAGTTCGAATCTCCATCGCAACTTCGG

TTTGCCTGGATATTTGTGAAAGAGATTTCG

TTCCAGTGTAGGATATGCATGAGGAATTTCTG

TTTTCGATGGACATCTGTGGCAAAAGTTTCGG

TTTTCGATGTCGCATTTGCATGGCAAACTTCTCA

TTTGCCTGGATATATCTGTGCTGTAGATTTCG

CAG CGG GGA AAC CTG GTG AGG

CTG AGC TTC AAT CTA ACC AGA

CGG AGT GAC AAC TTA AGC CGG

GAC CGG TCT CAC CTT GCC CGA

CAG AAG GCC CAT TTG ACT GCC

CGG TCG GAC AAC CTC ACA CGG

CATATCCGCAQCCACACCGGAGGAGACCT

CACACACATTCATCTGGTCCCAGAAACCG

CATATAAGCAGGCAACAGGTGAAAACCA

CACACAAATCCATCCGGCAGTCAAAAGCCC

CHATTCTACTCATCTGGCGAGAAACCT

CACACTACATACACTGGCGCTGAGGAGC

TTTTTTTTTTTTTTTTGAAACAGCTATT

TTGCTGATTTCGTATTAGTACCATACATAGAGTGGC*GAG*GAT*GAA*GCC*GAGAGGATACTGCGAGGTCCTCTGCTGCATgtgtatgtgtgcgtttgtgtgtg

FIG. 4D

FIG. 5A

- F1 GAGa RSSNLTR
- F2 GCC DKRTLIR (PMD 25593323)
- F3 GAA QRGNLVR
- F4 GAT LSENLTR
- F5 GAG RSDNLTR
- F6 GCC DRSHLAR

FIG. 5B

FIG. 6A

F1 GTC DRSALAR
F2 GAG RSDNLTR
F3 GCA QSGDLTR
F4 ACT VRQTLKQ
F5 GAT AAGNLTR
F6 GAG RSDNLTR

FIG. 6B

RP
FQCRICMRNFS DRSALAR HIRHTGCKP
FACDICGKKFA RSDNLTR HTKIHGSKP
FQCRICMRNFS QSGDLTR HIRHTGCKP
FACDICGKKFA VRQTLKQ HTKIHGSKP
FQCRICMRNFS AAGNLTR HIRHTGCKP
FACDICGKKFA RSDNLTR HTKIHQAQD

FIG. 6C

CGACCA
TTCCAGTGTGGAATCTGCACTGGCGAATTCAGG GAC CGG AGC GGG CTG GCA CGG CATATCCGACCCCAACGGGAGAGAGCCT
TTTGCTGCGATATTGTGGATAGAGATTGGT CGA AGT GAC AAC TTA ACG CGG CACACCAAGATTCACTAGGTGGTCCAGATAAAG
TTCCAGTGTAGCATATGCAATGCAATTCCTT CAG TCA GGG GAC CTC ACT CGT CATATAAGGACGCAACACAGTCAAAAACCA
TTTGCATGGACATCTGTGGCAAAAGTTTGGG GTA CGA CAG ACG CTT AAA CAA CACACAAAATCCATACCGGCGTCTAAAGCCC
TTTCATGTCCATTTCATGGCAACTTCTOM GCC GGT AAC TTG ACA CGA CATATTCGTACTCATCTGGCGAGACCTT
TTTGCTTGGATATATGCTGGTGGTAACTTTGCA AGA TCT GAT AAT CTA ACG CGT CACACTAGATACACTTGGCGAGAGGAC

FIG. 6D

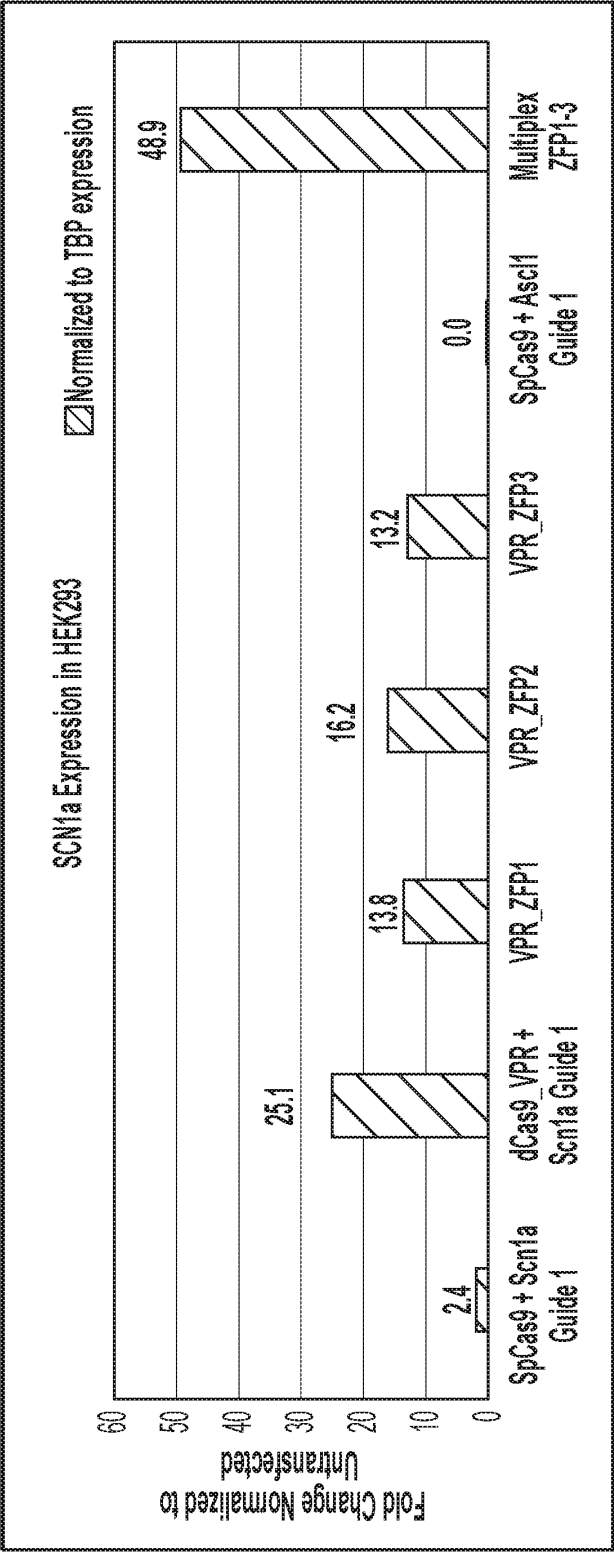


FIG. 7

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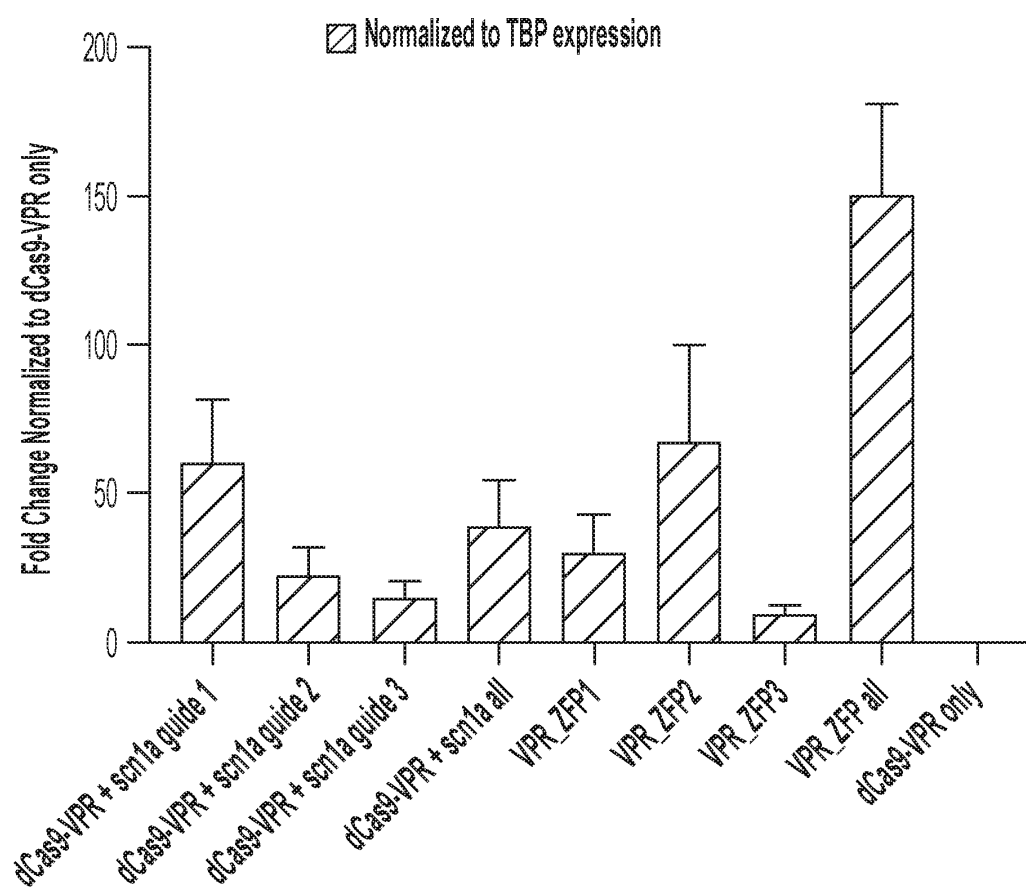


FIG. 8