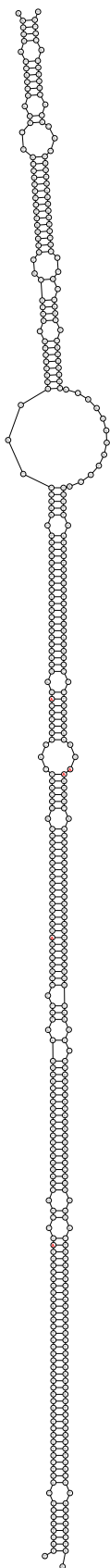


ABCG2

Strands Chr6:38028366-38028563
and Chr6:38029833-38030041



SHAPE >= 0.85

1

0.85 > SHAPE >= 0.4

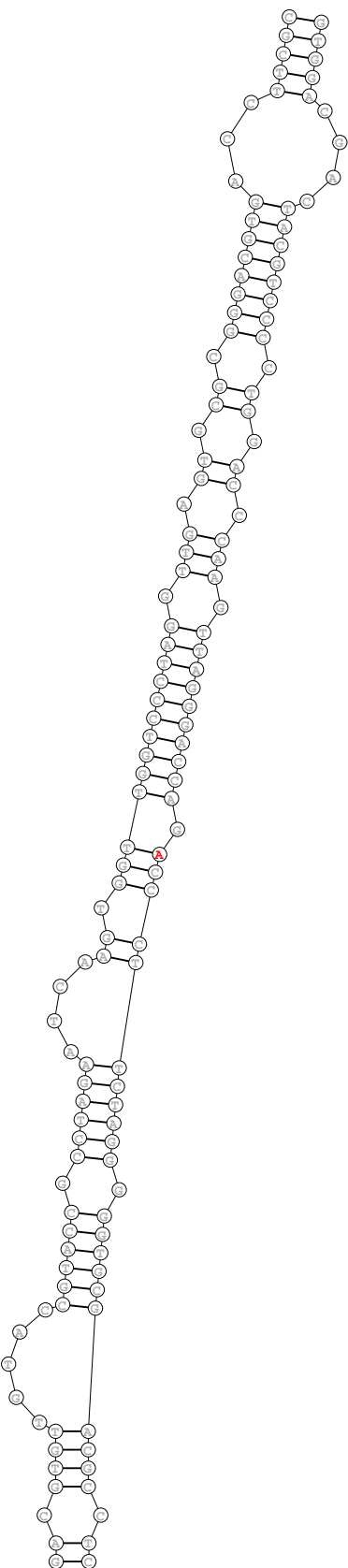
0.4 > SHAPE

No Data

ENERGY = -292.6 Chr6:38028366-38028...

ACACA

Strands Chr19:13792634-13792705
and Chr19:13793210-13793273



SHAPE \geq 0.85

2

0.85 > SHAPE \geq 0.4

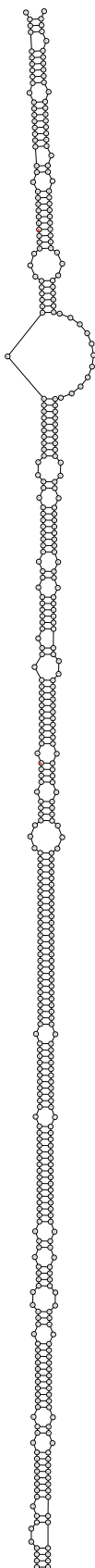
0.4 > SHAPE

No Data

ENERGY = -70.3 Chr19:13792634-13792...

ACADM

Strands Chr3:69347213-69347418
and Chr3:69348169-69348383



SHAPE >= 0.85

3

0.85 > SHAPE >= 0.4

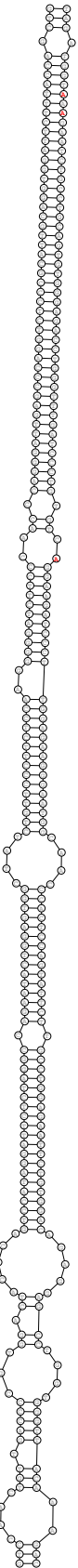
0.4 > SHAPE

No Data

ENERGY = -268.0 Chr3:69347213-69347...

ACTR3B

Strands Chr4:115928142-115928294
and Chr4:115929459-115929606



SHAPE \geq 0.85

4

0.85 > SHAPE \geq 0.4

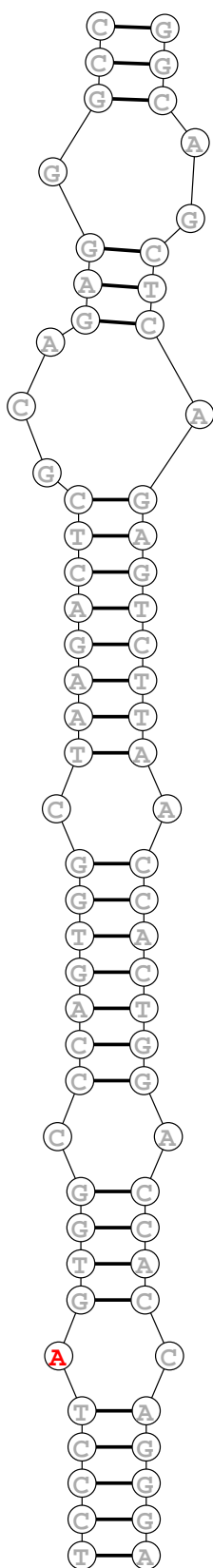
0.4 > SHAPE

No Data

ENERGY = -217.1 Chr4:115928142-1159...

AJUBA

Strands Chr10:21707828-21707864
and Chr10:21708733-21708768



SHAPE >= 0.85

5

0.85 > SHAPE >= 0.4

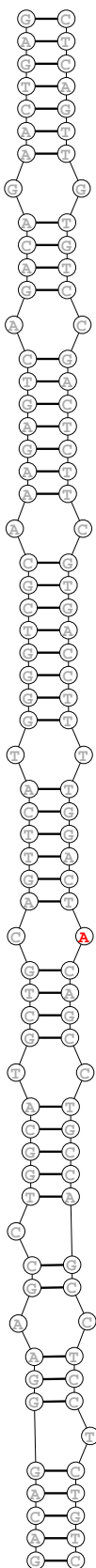
0.4 > SHAPE

No Data

ENERGY = -47.5 Chr10:21707828-21707...

AKAP13

Strands Chr21:16902923-16902981
and Chr21:16903443-16903501



SHAPE \geq 0.85

0.85 > SHAPE \geq 0.4

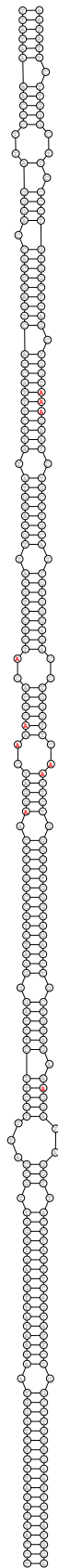
0.4 > SHAPE

No Data

ENERGY = -79.4 Chr21:16902923-16902...

AKAP8L part A

Strands Chr7:8782232-8782376
and Chr7:8782803-8782949



SHAPE ≥ 0.85

7

0.85 > SHAPE ≥ 0.4

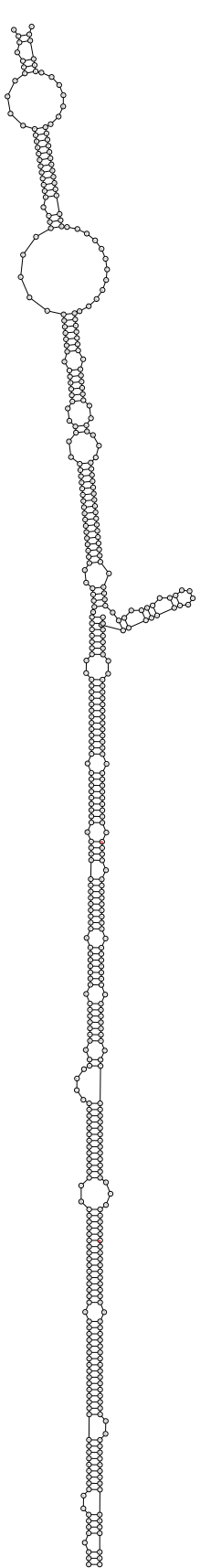
0.4 > SHAPE

No Data

ENERGY = -207.0 Chr7:8782232-878237...

AKAP8L part B

Strands Chr7:8780834-8781045
and Chr7:8785829-8786066



SHAPE \geq 0.85

8

0.85 > SHAPE \geq 0.4

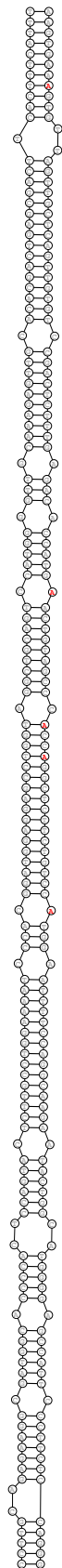
0.4 > SHAPE

No Data

ENERGY = -279.6 Chr7:8780834-878104...

ALDH9A1

Strands Chr3:3274072-3274204
and Chr3:3275096-3275227



SHAPE >= 0.85

9

0.85 > SHAPE >= 0.4

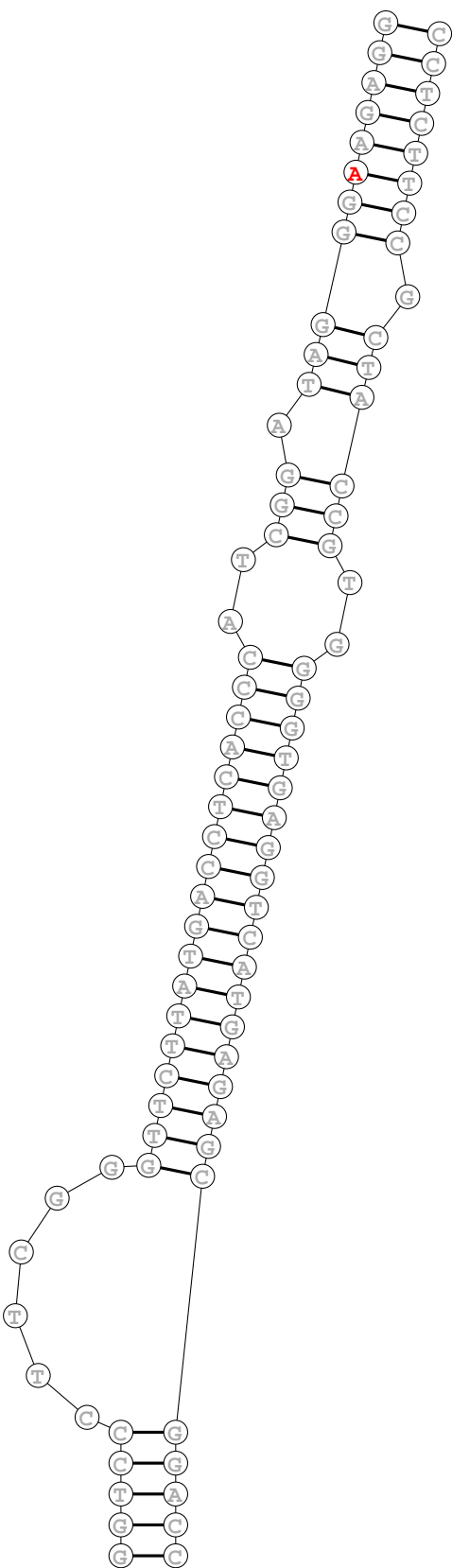
0.4 > SHAPE

No Data

ENERGY = -193.2 Chr3:3274072-327420...

ALKBH1

Strands Chr10:89894825-89894870
and Chr10:89895589-89895628



SHAPE >= 0.85

10

0.85 > SHAPE >= 0.4

0.4 > SHAPE

No Data

ENERGY = -61.7 Chr10:89894825-89894...

ARF1

Strands Chr7:2924162-2924286
and Chr7:2924616-2924740



SHAPE ≥ 0.85

11

0.85 > SHAPE ≥ 0.4

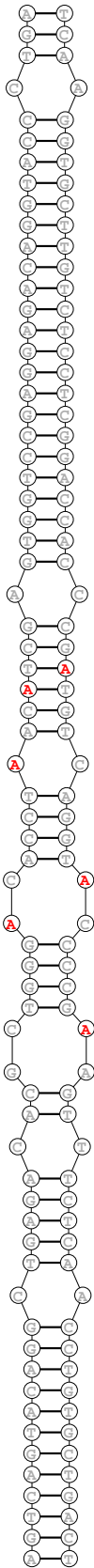
0.4 > SHAPE

No Data

ENERGY = -192.8 Chr7:2924162-292428...

ARHGAP17

Strands Chr25:22844801-22844867
and Chr25:22847470-22847536



SHAPE ≥ 0.85

12

0.85 > SHAPE ≥ 0.4

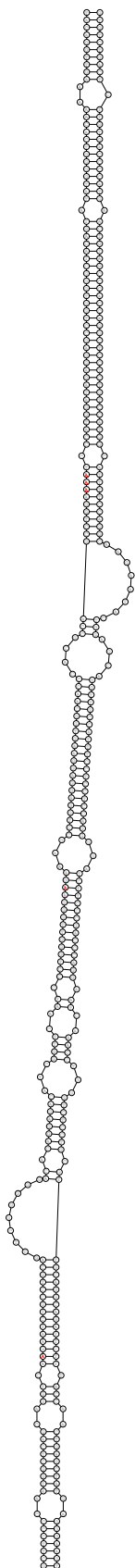
0.4 > SHAPE

No Data

ENERGY = -99.5 Chr25:22844801-22844...

ATF5

Strands Chr18:56727493-56727679
and Chr18:56728324-56728508



SHAPE >= 0.85

13

0.85 > SHAPE >= 0.4

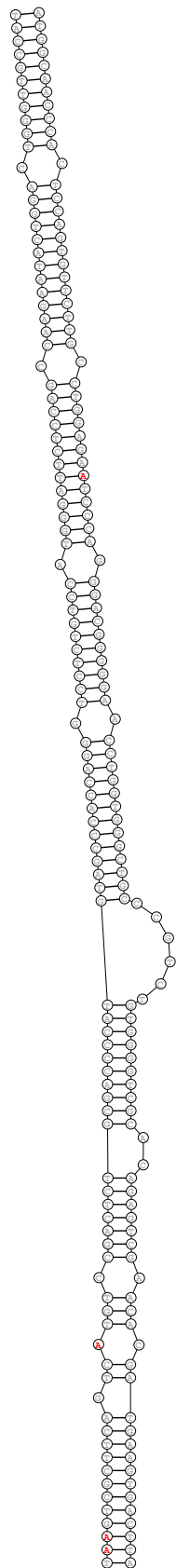
0.4 > SHAPE

No Data

ENERGY = -280.4 Chr18:56727493-5672...

ATP13A1

Strands Chr7:3604682-3604782
and Chr7:3605148-3605255



SHAPE ≥ 0.85

14

0.85 > SHAPE ≥ 0.4

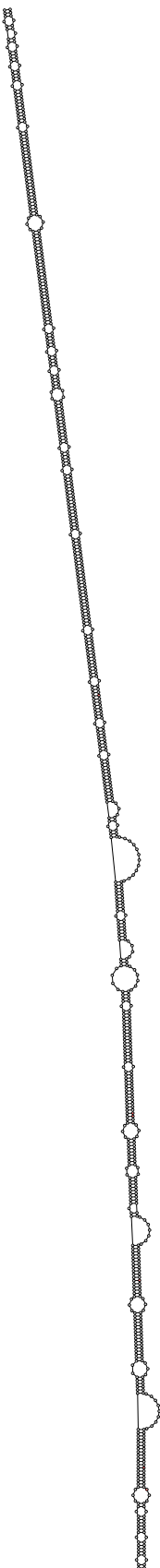
0.4 > SHAPE

No Data

ENERGY = -166.8 Chr7:3604682-360478...

AURKAIP1

Strands Chr16:52399177-52399586
and Chr16:52399928-52400375



SHAPE >= 0.85

15

0.85 > SHAPE >= 0.4

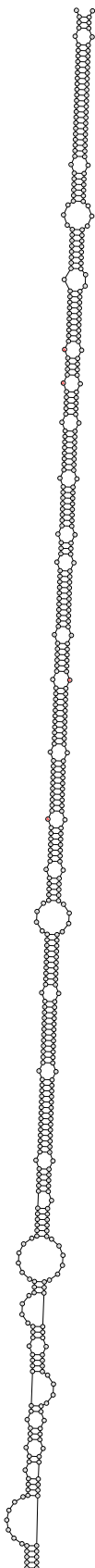
0.4 > SHAPE

No Data

ENERGY = -571.3 Chr16:52399177-5239...

B4GALT1

Strands Chr8:76183743-76183987
and Chr8:76189889-76190127



SHAPE >= 0.85

16

0.85 > SHAPE >= 0.4

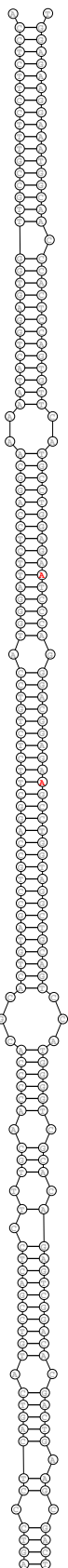
0.4 > SHAPE

No Data

ENERGY = -310.0 Chr8:76183743-76183...

BAG4

Strands Chr27:33097895-33098010
and Chr27:33099298-33099414



SHAPE >= 0.85

17

0.85 > SHAPE >= 0.4

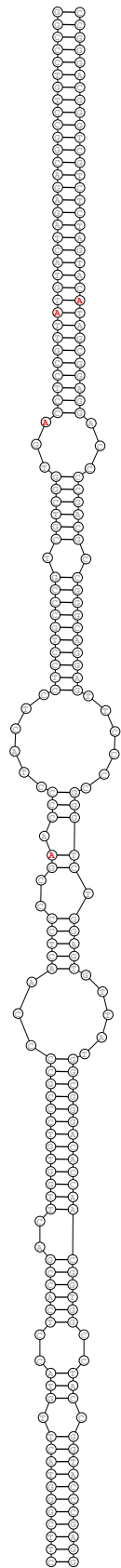
0.4 > SHAPE

No Data

ENERGY = -197.1 Chr27:33097895-3309...

BLCAP

Strands Chr13:67116360-67116472
and Chr13:67116925-67117035



SHAPE >= 0.85

18

0.85 > SHAPE >= 0.4

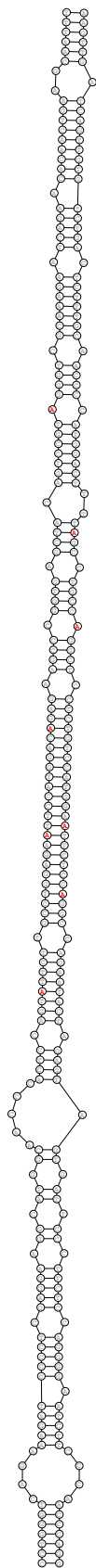
0.4 > SHAPE

No Data

ENERGY = -172.0 Chr13:67116360-6711...

BSPRY

Strands Chr8:104327767-104327905
and Chr8:104328420-104328554



SHAPE \geq 0.85

19

0.85 > SHAPE \geq 0.4

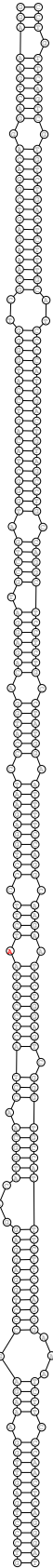
0.4 > SHAPE

No Data

ENERGY = -170.1 Chr8:104327767-1043...

C1H21orf59

Strands Chr1:2206485-2206621
and Chr1:2206981-2207116



SHAPE >= 0.85

20

0.85 > SHAPE >= 0.4

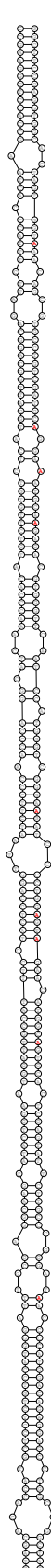
0.4 > SHAPE

No Data

ENERGY = -209.1 Chr1:2206485-220662...

CALD1 part A

Strands Chr4:99549373-99549541
and Chr4:99550220-99550388



SHAPE >= 0.85

21

0.85 > SHAPE >= 0.4

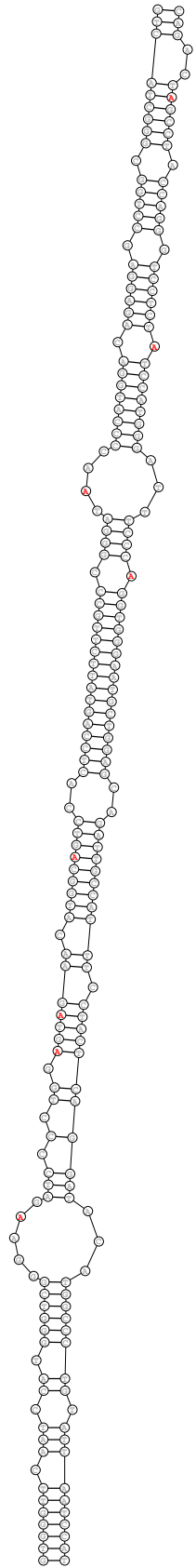
0.4 > SHAPE

No Data

ENERGY = -236.4 Chr4:99549373-99549...

CALD1 part B

Strands Chr4:99550281-99550390
and Chr4:99550429-99550532



SHAPE >= 0.85

22

0.85 > SHAPE >= 0.4

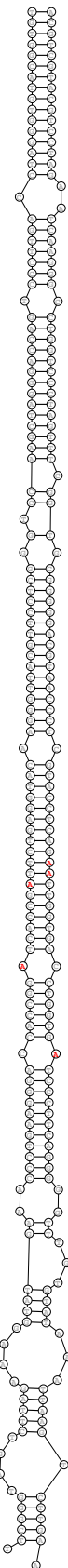
0.4 > SHAPE

No Data

ENERGY = -126.2 Chr4:99550281-99550...

CAMKK1

Strands Chr19:25118004-25118128
and Chr19:25119336-25119460



SHAPE \geq 0.85

23

0.85 > SHAPE \geq 0.4

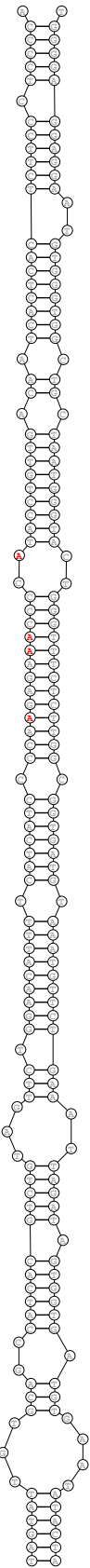
0.4 > SHAPE

No Data

ENERGY = -164.0 Chr19:25118004-2511...

CAMKK2 part A

Strands Chr17:56161529-56161627
and Chr17:56163303-56163401



SHAPE >= 0.85

24

0.85 > SHAPE >= 0.4

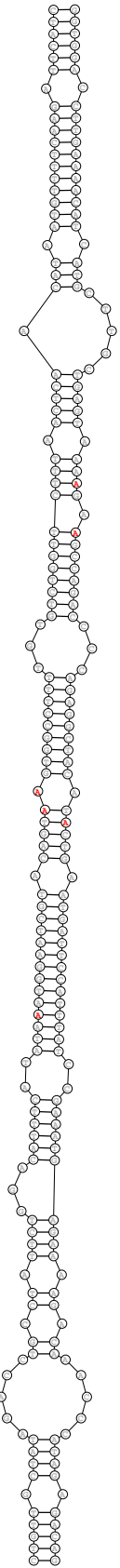
0.4 > SHAPE

No Data

ENERGY = -105.1 Chr17:56161529-5616...

CAMKK2 part B

Strands Chr17:56161652-56161761
and Chr17:56163165-56163276



SHAPE >= 0.85

25

0.85 > SHAPE >= 0.4

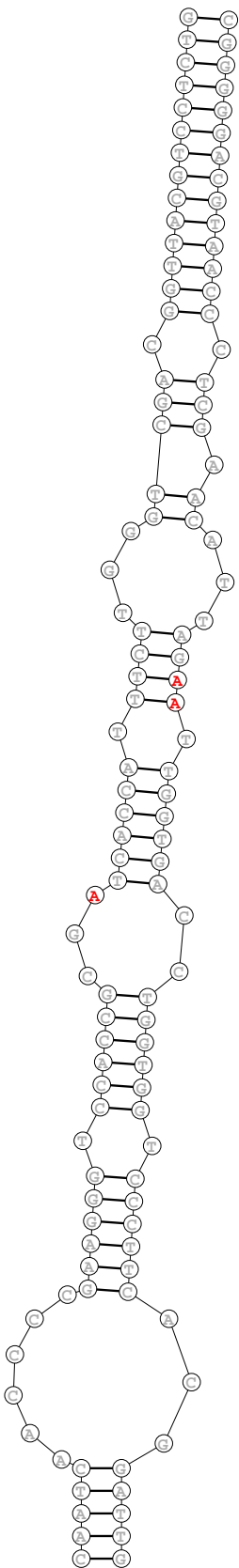
0.4 > SHAPE

No Data

ENERGY = -94.3 Chr17:56161652-56161...

CATSPERD

Strands Chr7:19780696-19780756
and Chr7:19780869-19780926



SHAPE >= 0.85

0.85 > SHAPE >= 0.4

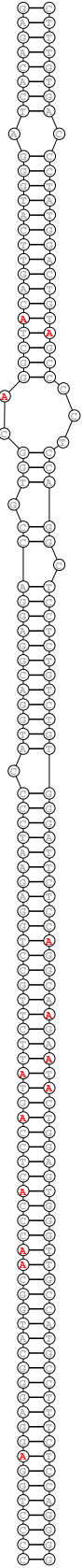
0.4 > SHAPE

No Data

ENERGY = -67.0 Chr7:19780696-197807...

CATSPERG part A

Strands Chr18:48418071-48418169
and Chr18:48418603-48418701



SHAPE ≥ 0.85

27

0.85 > SHAPE ≥ 0.4

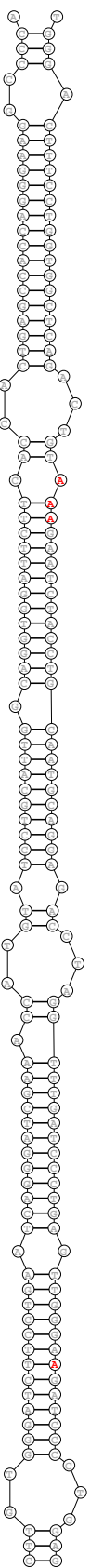
0.4 > SHAPE

No Data

ENERGY = -182.2 Chr18:48418071-4841...

CATSPERG part B

Strands Chr18:48438581-48438671
and Chr18:48439740-48439830



SHAPE \geq 0.85

28

0.85 > SHAPE \geq 0.4

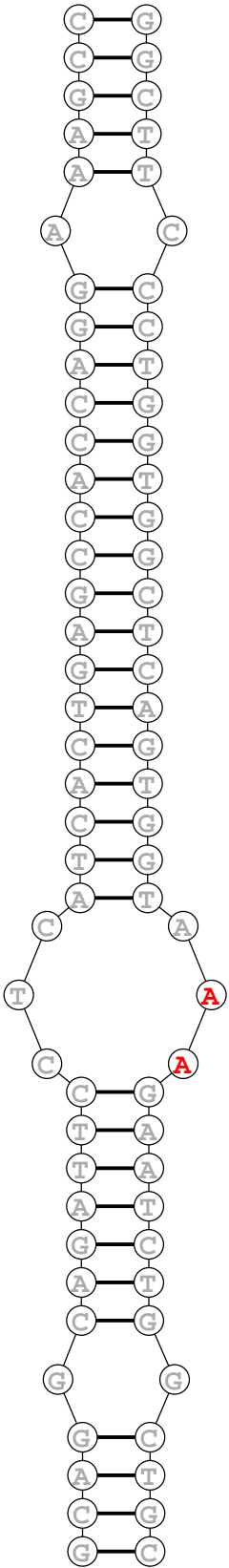
0.4 > SHAPE

No Data

ENERGY = -125.1 Chr18:48438581-4843...

CCDC51

Strands Chr22:51996166-51996203
and Chr22:51996268-51996305



SHAPE >= 0.85

0.85 > SHAPE >= 0.4

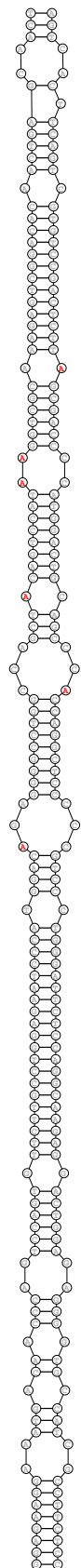
0.4 > SHAPE

No Data

ENERGY = -60.3 Chr22:51996166-51996...

CCDC64

Strands Chr17:64704951-64705065
and Chr17:64705219-64705334



SHAPE >= 0.85

30

0.85 > SHAPE >= 0.4

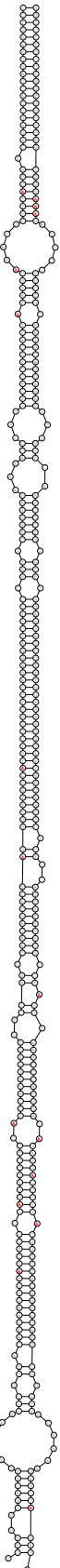
0.4 > SHAPE

No Data

ENERGY = -166.6 Chr17:64704951-6470...

CCDC82 part A

Strands Chr15:14127953-14128141
and Chr15:14129583-14129769



SHAPE >= 0.85

31

0.85 > SHAPE >= 0.4

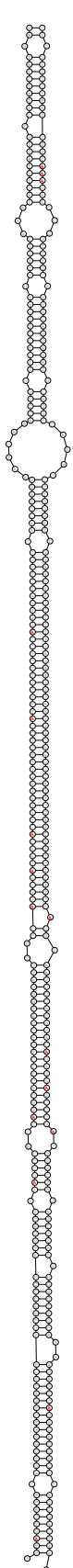
0.4 > SHAPE

No Data

ENERGY = -265.3 Chr15:14127953-1412...

CCDC82 part B

Strands Chr15:14128168-14128361
and Chr15:14129591-14129785



SHAPE >= 0.85

32

0.85 > SHAPE >= 0.4

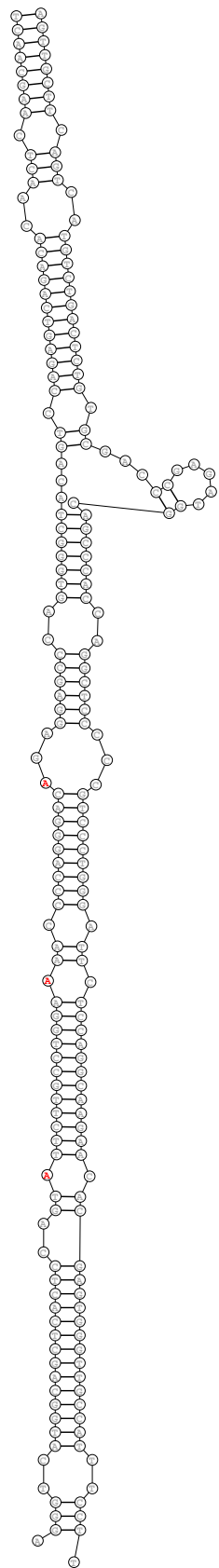
0.4 > SHAPE

No Data

ENERGY = -322.4 Chr15:14128168-1412...

CCDC84

Strands Chr15:30114185-30114284
and Chr15:30115171-30115278



SHAPE >= 0.85

33

0.85 > SHAPE >= 0.4

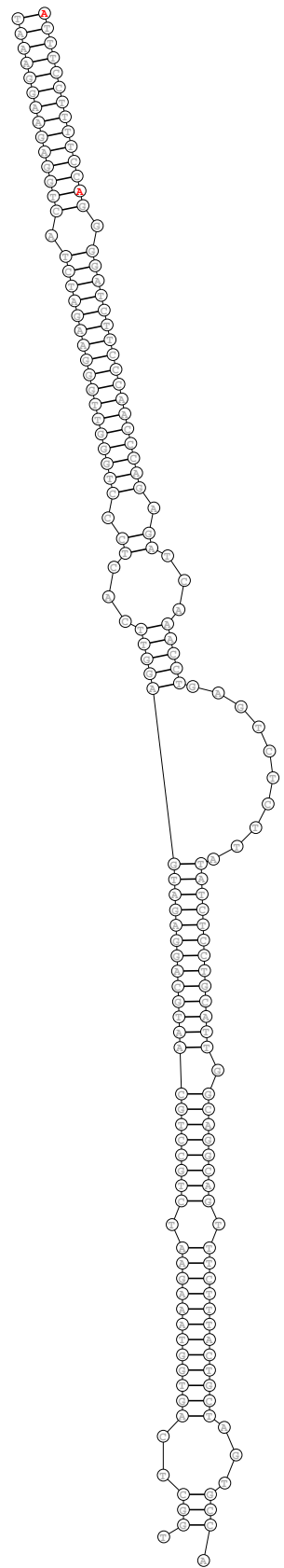
0.4 > SHAPE

No Data

ENERGY = -132.8 Chr15:30114185-3011...

CCNDBP1 part B

Strands Chr10:38517317-38517399
and Chr10:38517727-38517821



SHAPE \geq 0.85

35

0.85 > SHAPE \geq 0.4

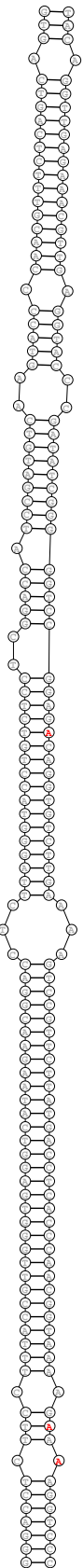
0.4 > SHAPE

No Data

ENERGY = -117.8 Chr10:38517317-3851...

CCNI

Strands Chr6:93635566-93635672
and Chr6:93636451-93636554



SHAPE >= 0.85

36

0.85 > SHAPE >= 0.4

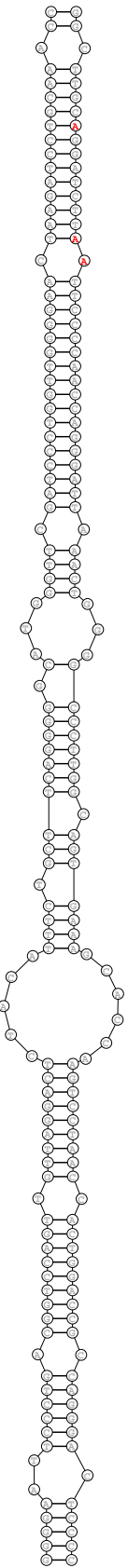
0.4 > SHAPE

No Data

ENERGY = -153.7 Chr6:93635566-93635...

CCS

Strands Chr29:45284231-45284327
and Chr29:45285011-45285106



SHAPE >= 0.85

37

0.85 > SHAPE >= 0.4

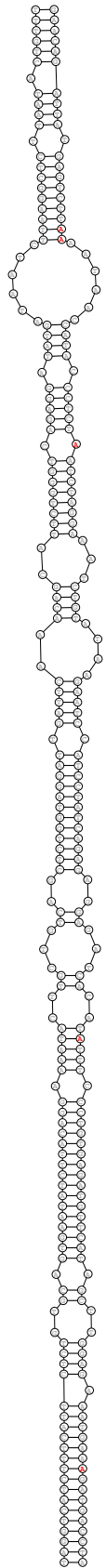
0.4 > SHAPE

No Data

ENERGY = -130.2 Chr29:45284231-4528...

CD164

Strands Chr9:41252876-41253005
and Chr9:41254392-41254524



SHAPE >= 0.85

38

0.85 > SHAPE >= 0.4

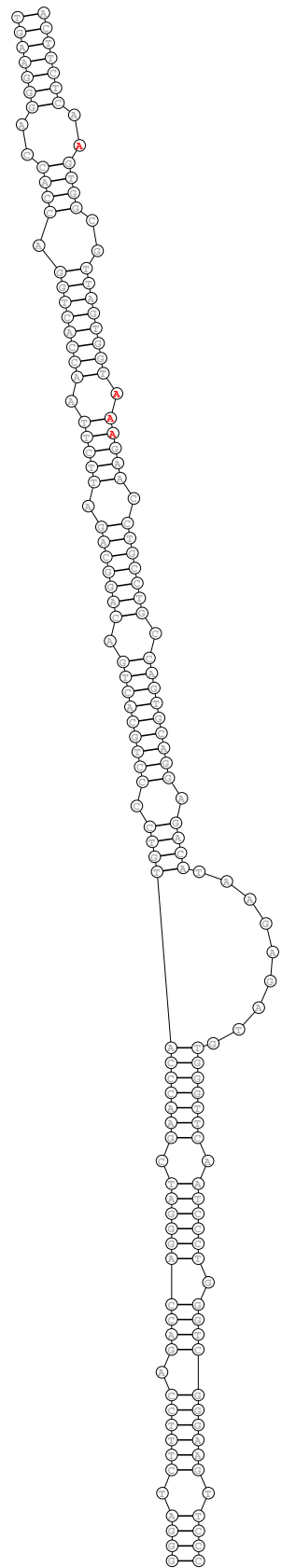
0.4 > SHAPE

No Data

ENERGY = -127.8 Chr9:41252876-41253...

CD300LG part A

Strands Chr19:44358579-44358659
and Chr19:44359647-44359737



SHAPE \geq 0.85

39

0.85 > SHAPE \geq 0.4

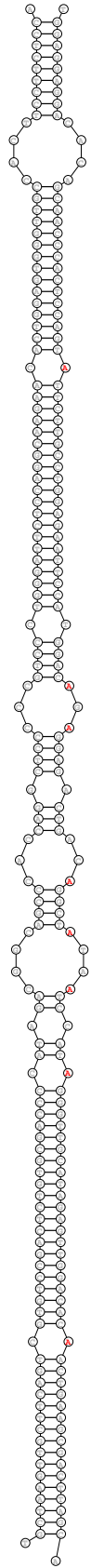
0.4 > SHAPE

No Data

ENERGY = -109.2 Chr19:44358579-4435...

CD300LG part B

Strands Chr19:44362659-44362780
and Chr19:44363858-44363979



SHAPE \geq 0.85

40

0.85 > SHAPE \geq 0.4

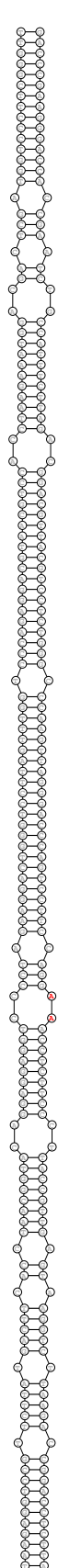
0.4 > SHAPE

No Data

ENERGY = -178.4 Chr19:44362659-4436...

CD36 part A

Strands Chr4:40583187-40583318
and Chr4:40584424-40584555



SHAPE >= 0.85

41

0.85 > SHAPE >= 0.4

0.4 > SHAPE

No Data

ENERGY = -200.1 Chr4:40583187-40583...

CD36 part B

Strands Chr4:40591332-40591609
and Chr4:40592605-40592884

SHAPE >= 0.85

42

0.85 > SHAPE >= 0.4

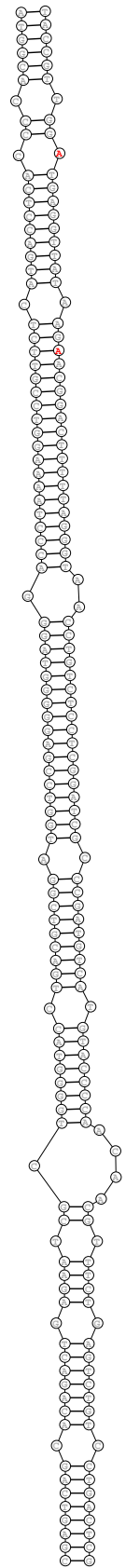
0.4 > SHAPE

No Data

ENERGY = -542.8 Chr4:40591332-40591...

CD36 part C

Strands Chr4:40621823-40621923
and Chr4:40622253-40622357



SHAPE ≥ 0.85

43

0.85 > SHAPE ≥ 0.4

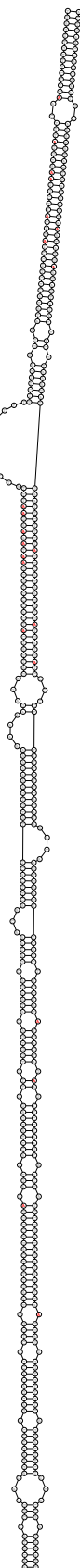
0.4 > SHAPE

No Data

ENERGY = -149.0 Chr4:40621823-40621...

CD46

Strands Chr16:77486552-77486779
and Chr16:77487529-77487741



SHAPE >= 0.85

44

0.85 > SHAPE >= 0.4

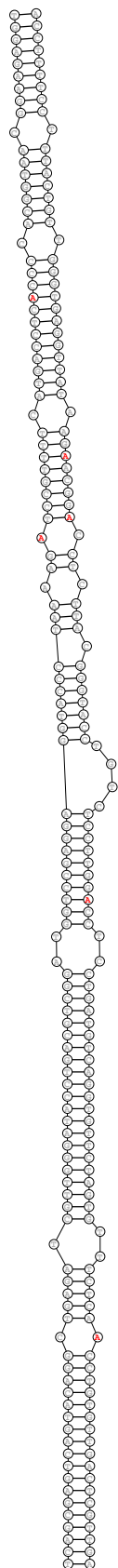
0.4 > SHAPE

No Data

ENERGY = -245.0 Chr16:77486552-7748...

CD47

Strands Chr1:53113970-53114080
and Chr1:53114199-53114315



SHAPE ≥ 0.85

45

0.85 > SHAPE ≥ 0.4

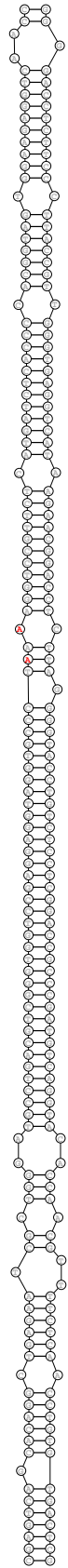
0.4 > SHAPE

No Data

ENERGY = -155.4 Chr1:53113970-53114...

CD9 part A

Strands Chr5:104511283-104511399
and Chr5:104512161-104512277



SHAPE >= 0.85

46

0.85 > SHAPE >= 0.4

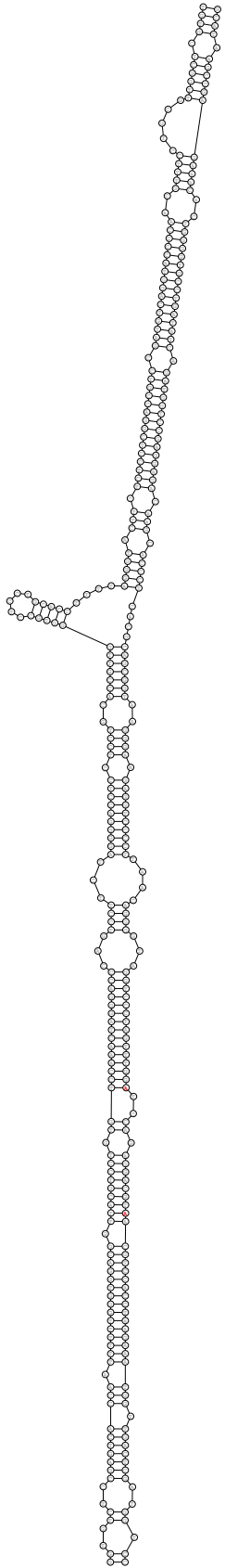
0.4 > SHAPE

No Data

ENERGY = -189.0 Chr5:104511283-1045...

CD9 part B

Strands Chr5:104513692-104513871
and Chr5:104514476-104514636



SHAPE >= 0.85

47

0.85 > SHAPE >= 0.4

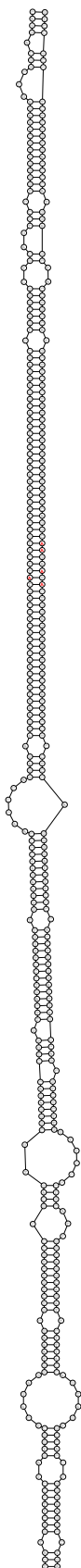
0.4 > SHAPE

No Data

ENERGY = -224.6 Chr5:104513692-1045...

CDC16

Strands Chr12:91062205-91062406
and Chr12:91064554-91064750



SHAPE >= 0.85

48

0.85 > SHAPE >= 0.4

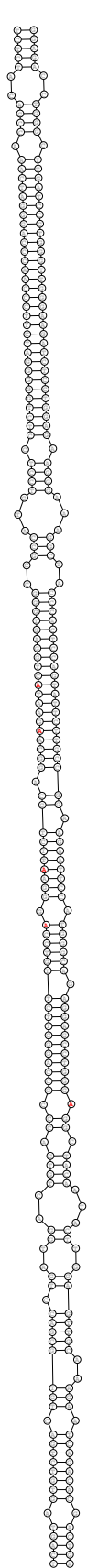
0.4 > SHAPE

No Data

ENERGY = -304.0 Chr12:91062205-9106...

CDK20

Strands Chr8:91629482-91629626
and Chr8:91631299-91631446



SHAPE >= 0.85

49

0.85 > SHAPE >= 0.4

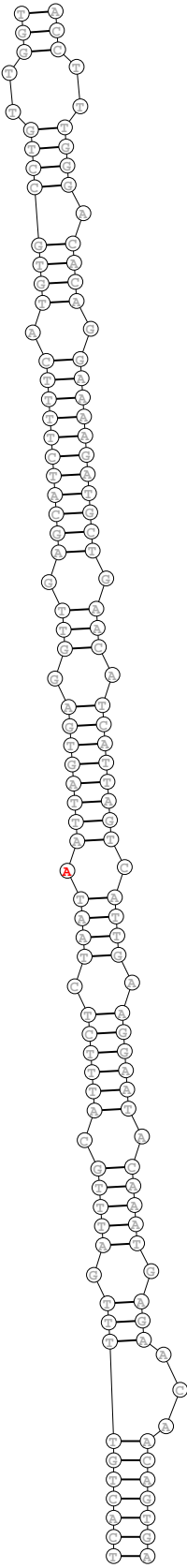
0.4 > SHAPE

No Data

ENERGY = -209.1 Chr8:91629482-91629...

CEP95

Strands Chr19:49372718-49372784
and Chr19:49373383-49373453



SHAPE >= 0.85

50

0.85 > SHAPE >= 0.4

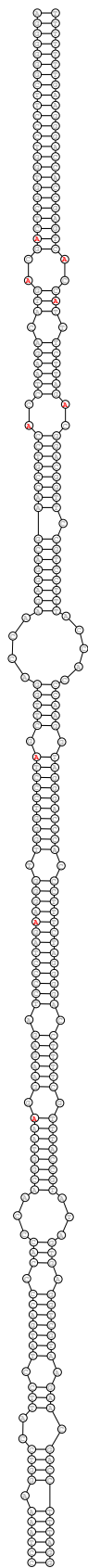
0.4 > SHAPE

No Data

ENERGY = -60.9 Chr19:49372718-49372...

CLN3

Strands Chr25:26311910-26312044
and Chr25:26312351-26312485



SHAPE >= 0.85

51

0.85 > SHAPE >= 0.4

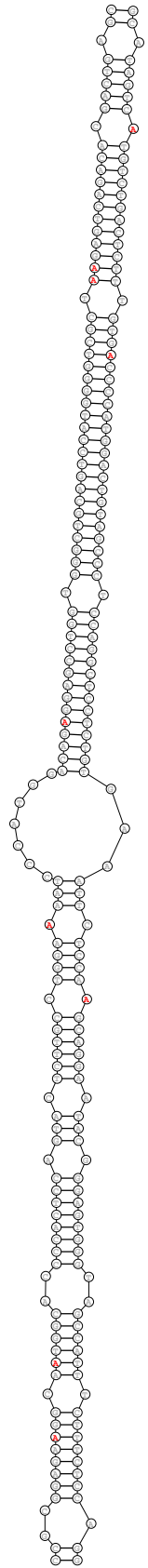
0.4 > SHAPE

No Data

ENERGY = -183.5 Chr25:26311910-2631...

CMTM7 part A

Strands Chr22:6939010-6939124
and Chr22:6939290-6939399



SHAPE ≥ 0.85

52

0.85 > SHAPE ≥ 0.4

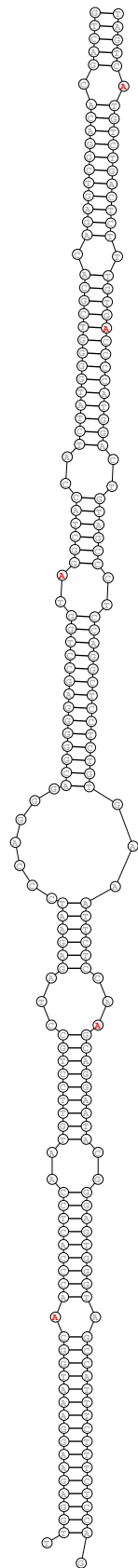
0.4 > SHAPE

No Data

ENERGY = -167.7 Chr22:6939010-69391...

CMTM7 part B

Strands Chr22:6939155-6939264
and Chr22:6939293-6939398



SHAPE >= 0.85

53

0.85 > SHAPE >= 0.4

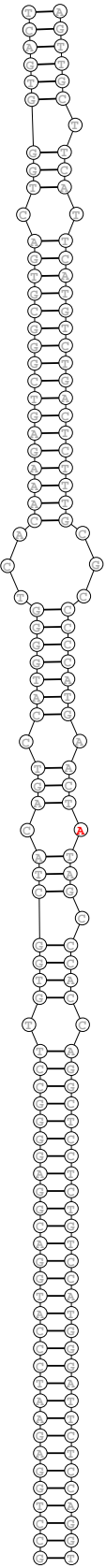
0.4 > SHAPE

No Data

ENERGY = -160.2 Chr22:6939155-69392...

CMTM8

Strands Chr22:6883561-6883640
and Chr22:6884080-6884161



SHAPE \geq 0.85

54

0.85 > SHAPE \geq 0.4

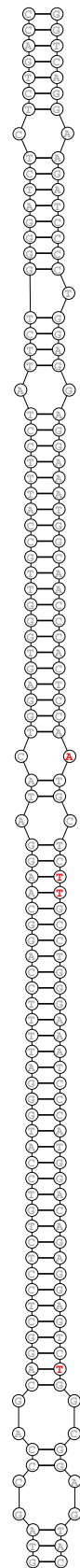
0.4 > SHAPE

No Data

ENERGY = -126.4 Chr22:6883561-68836...

CNOT11

Strands Chr11:6205730-6205819
and Chr11:6206198-6206288



SHAPE ≥ 0.85

55

0.85 > SHAPE ≥ 0.4

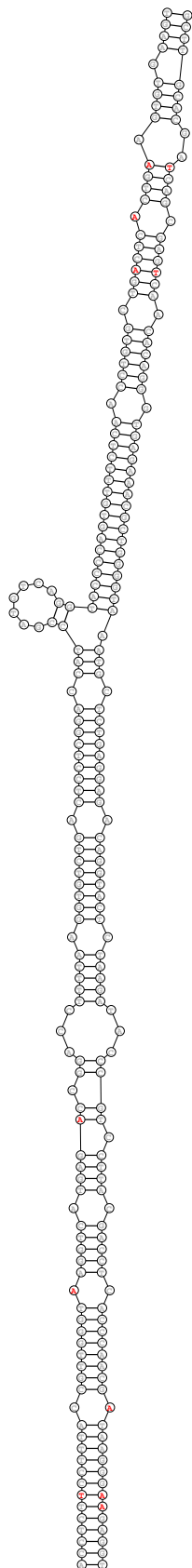
0.4 > SHAPE

No Data

ENERGY = -149.4 Chr11:6205730-62058...

COG5

Strands Chr4:48571952-48572077
and Chr4:48572763-48572878



SHAPE >= 0.85

56

0.85 > SHAPE >= 0.4

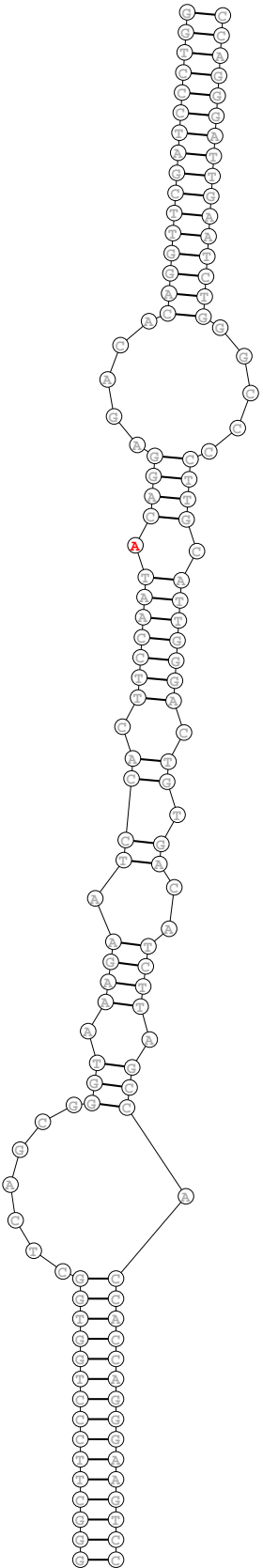
0.4 > SHAPE

No Data

ENERGY = -142.9 Chr4:48571952-48572...

COL6A2

Strands Chr1:147567935-147568003
and Chr1:147568549-147568613



SHAPE >= 0.85

57

0.85 > SHAPE >= 0.4

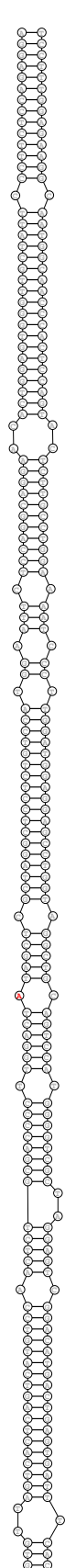
0.4 > SHAPE

No Data

ENERGY = -75.7 Chr1:147567935-14756...

COPS3 part A

Strands Chr19:35494881-35495004
and Chr19:35495817-35495941



SHAPE >= 0.85

58

0.85 > SHAPE >= 0.4

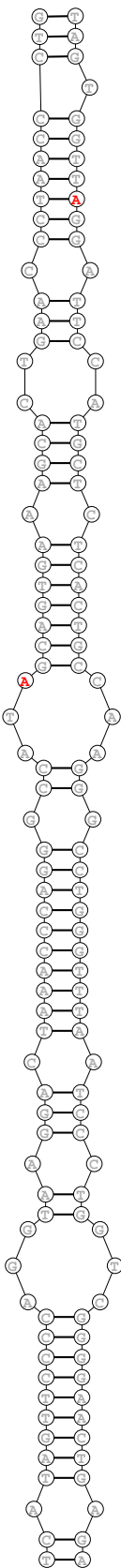
0.4 > SHAPE

No Data

ENERGY = -199.6 Chr19:35494881-3549...

COPS3 part B

Strands Chr19:35499158-35499223
and Chr19:35500664-35500730



SHAPE >= 0.85

59

0.85 > SHAPE >= 0.4

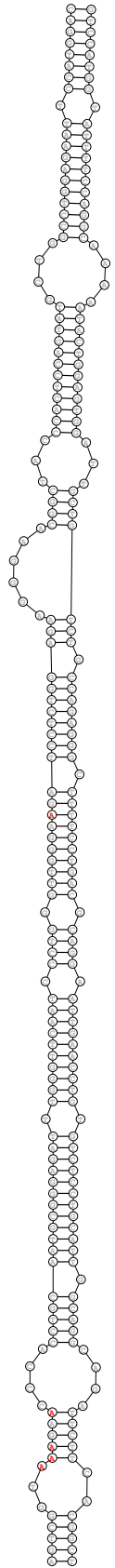
0.4 > SHAPE

No Data

ENERGY = -76.1 Chr19:35499158-35499...

CRYZL1

Strands Chr1:1216986-1217106
and Chr1:1217320-1217436



SHAPE \geq 0.85

60

0.85 > SHAPE \geq 0.4

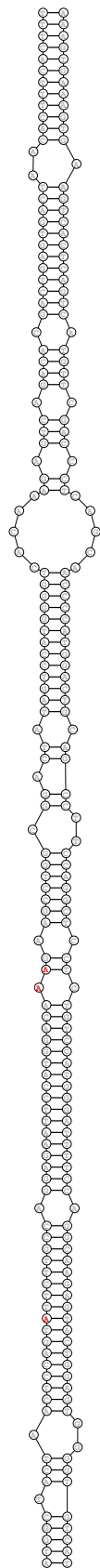
0.4 > SHAPE

No Data

ENERGY = -149.6 Chr1:1216986-121710...

CSF2RB

Strands Chr5:75739061-75739179
and Chr5:75739512-75739629



SHAPE >= 0.85

61

0.85 > SHAPE >= 0.4

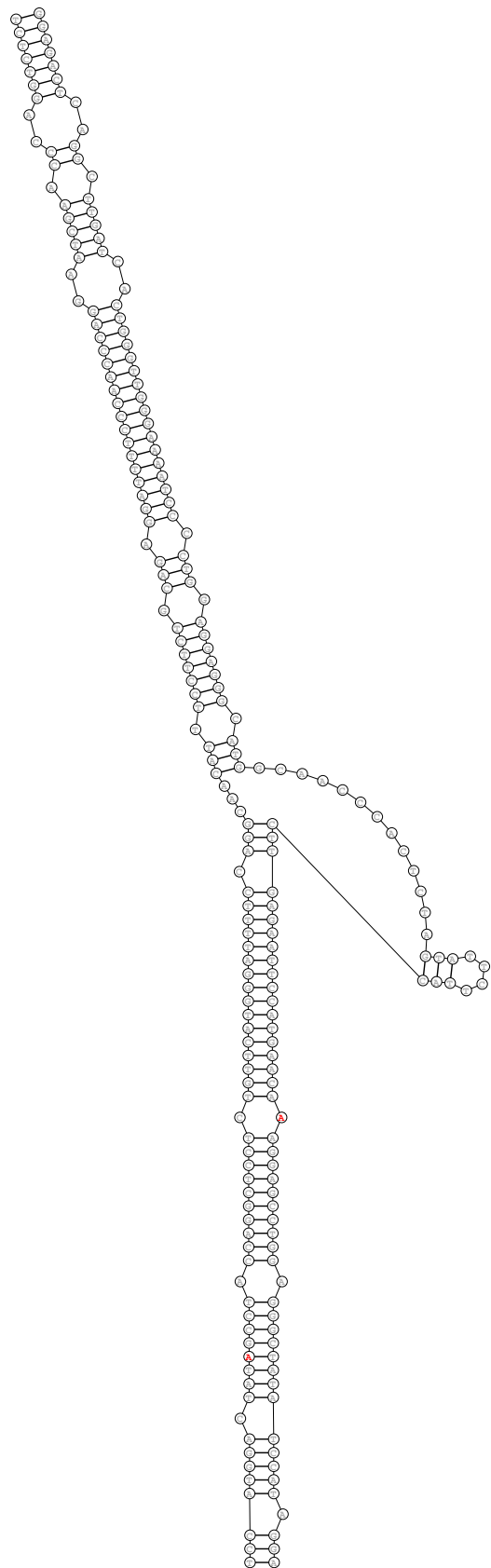
0.4 > SHAPE

No Data

ENERGY = -156.3 Chr5:75739061-75739...

CSN1S1

Strands Chr6:87151428-87151531
and Chr6:87151720-87151842



SHAPE >= 0.85

62

0.85 > SHAPE >= 0.4

0.4 > SHAPE

No Data

ENERGY = -137.3 Chr6:87151428-87151...

CSN2

Strands Chr6:87183834-87184101
and Chr6:87184721-87184987

SHAPE >= 0.85

63

0.85 > SHAPE >= 0.4

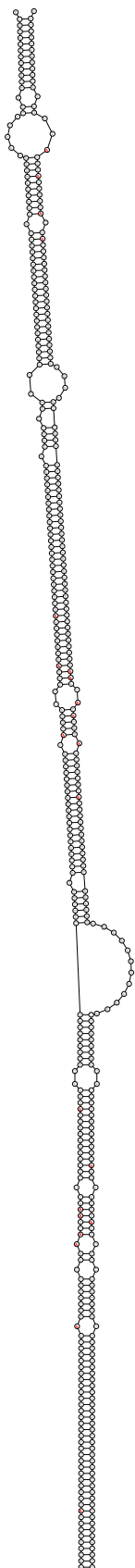
0.4 > SHAPE

No Data

ENERGY = -505.2 Chr6:87183834-87184...

CSN3

Strands Chr6:87381295-87381513
and Chr6:87381709-87381936



SHAPE >= 0.85

64

0.85 > SHAPE >= 0.4

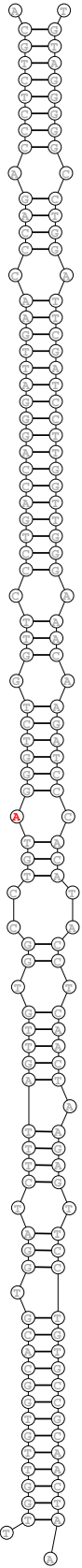
0.4 > SHAPE

No Data

ENERGY = -243.7 Chr6:87381295-87381...

CYP11A1 part A

Strands Chr21:34729479-34729558
and Chr21:34730096-34730175



SHAPE >= 0.85

65

0.85 > SHAPE >= 0.4

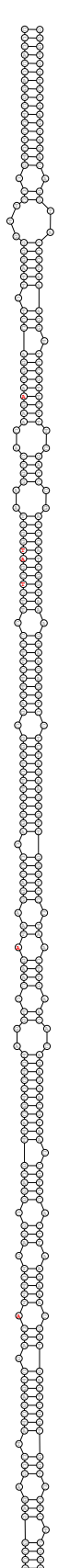
0.4 > SHAPE

No Data

ENERGY = -102.4 Chr21:34729479-3472...

DCP2

Strands Chr10:930105-930261
and Chr10:930723-930877



SHAPE \geq 0.85

66

0.85 > SHAPE \geq 0.4

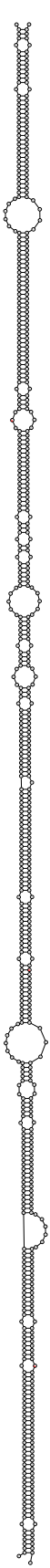
0.4 > SHAPE

No Data

ENERGY = -213.8 Chr10:930105-930261...

DDX31

Strands Chr11:102702651-102702969
and Chr11:102707660-102707979



SHAPE >= 0.85

67

0.85 > SHAPE >= 0.4

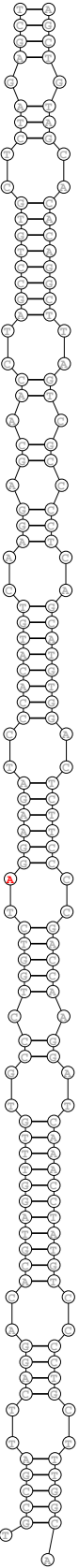
0.4 > SHAPE

No Data

ENERGY = -439.0 Chr11:102702651-102...

DIABLO part A

Strands Chr17:55411801-55411884
and Chr17:55414256-55414339



SHAPE >= 0.85

68

0.85 > SHAPE >= 0.4

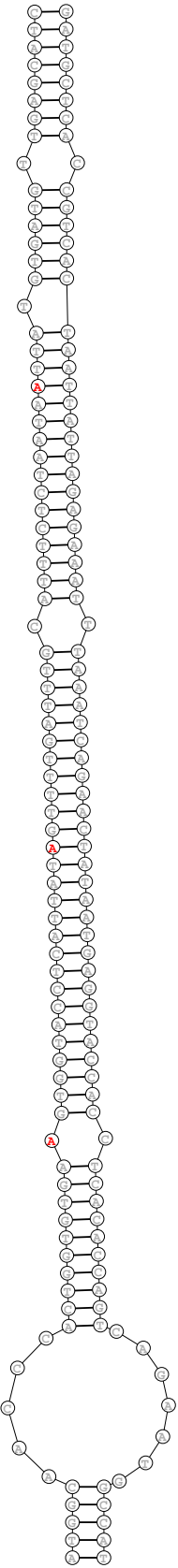
0.4 > SHAPE

No Data

ENERGY = -100.0 Chr17:55411801-5541...

DIABLO part B

Strands Chr17:55414708-55414788
and Chr17:55415377-55415458



SHAPE ≥ 0.85

69

0.85 > SHAPE ≥ 0.4

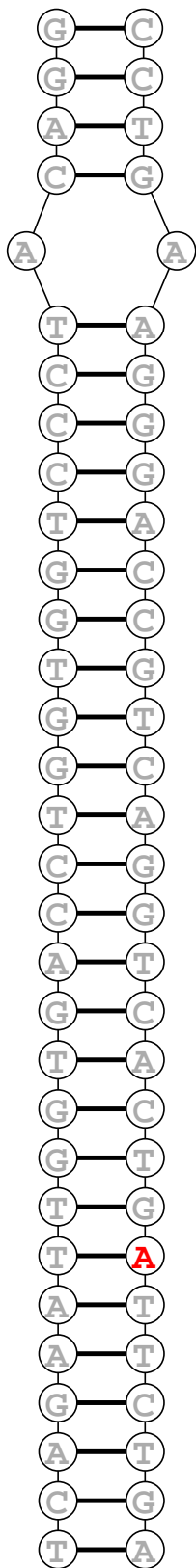
0.4 > SHAPE

No Data

ENERGY = -106.4 Chr17:55414708-5541...

DNAJC12 part A

Strands Chr28:24401530-24401560
and Chr28:24402205-24402235



SHAPE >= 0.85

70

0.85 > SHAPE >= 0.4

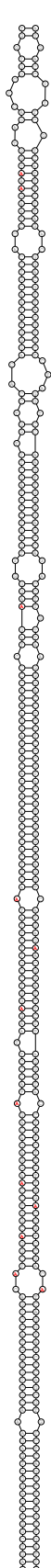
0.4 > SHAPE

No Data

ENERGY = -50.4 Chr28:24401530-24401...

DNAJC12 part C

Strands Chr28:24414119-24414305
and Chr28:24414992-24415176



SHAPE >= 0.85

72

0.85 > SHAPE >= 0.4

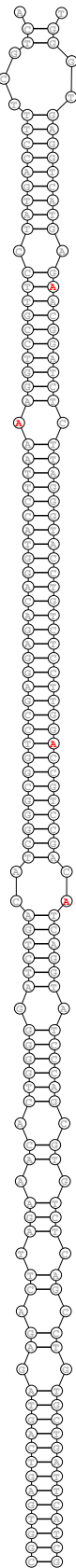
0.4 > SHAPE

No Data

ENERGY = -299.6 Chr28:24414119-2441...

DNAJC12 part D

Strands Chr28:24414907-24415005
and Chr28:24415083-24415180



SHAPE >= 0.85

73

0.85 > SHAPE >= 0.4

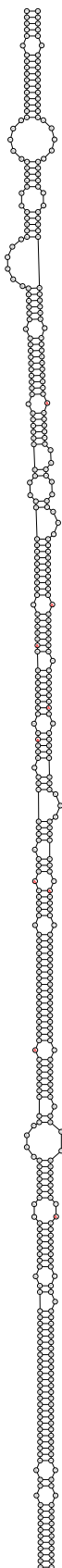
0.4 > SHAPE

No Data

ENERGY = -138.6 Chr28:24414907-2441...

DONSON

Strands Chr1:1230423-1230635
and Chr1:1230836-1231049



SHAPE >= 0.85

74

0.85 > SHAPE >= 0.4

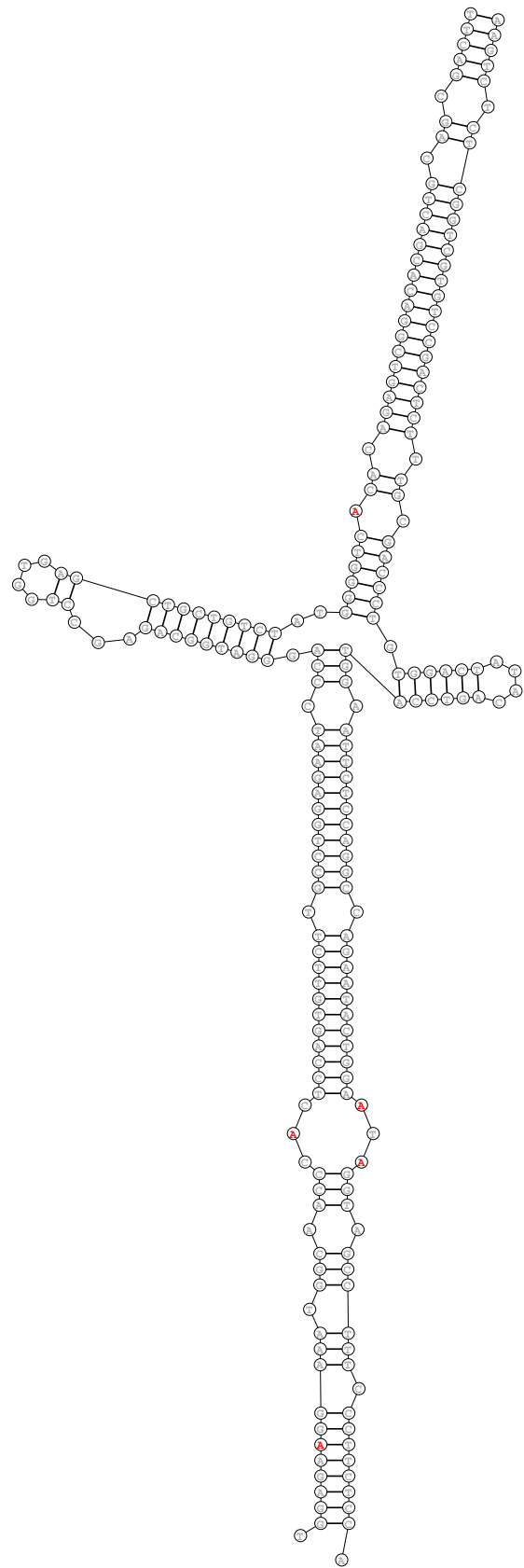
0.4 > SHAPE

No Data

ENERGY = -272.9 Chr1:1230423-123063...

DTNB

Strands Chr11:73878456-73878573
and Chr11:73878627-73878728



SHAPE \geq 0.85

0.85 > SHAPE \geq 0.4

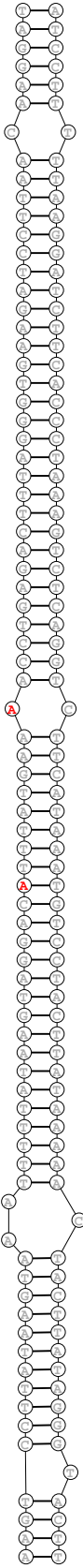
0.4 > SHAPE

No Data

ENERGY = -141.2 Chr11:73878456-7387...

DUSP19

Strands Chr2:13514106-13514184
and Chr2:13514309-13514387



SHAPE >= 0.85

76

0.85 > SHAPE >= 0.4

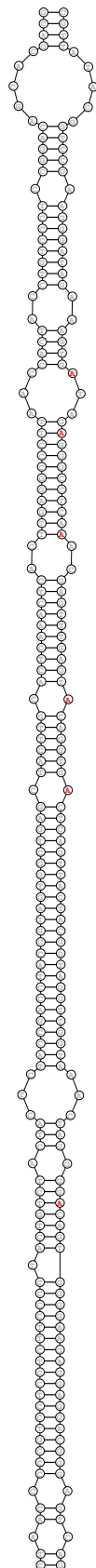
0.4 > SHAPE

No Data

ENERGY = -110.6 Chr2:13514106-13514...

EAPP

Strands Chr21:45354446-45354571
and Chr21:45355913-45356037



SHAPE >= 0.85

77

0.85 > SHAPE >= 0.4

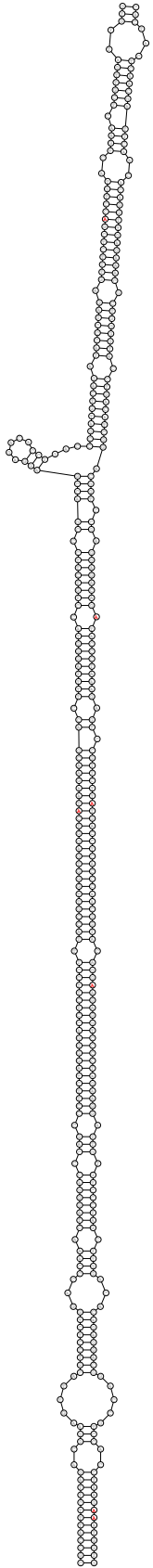
0.4 > SHAPE

No Data

ENERGY = -174.5 Chr21:45354446-4535...

ECH1

Strands Chr18:48813872-48814068
and Chr18:48816545-48816730



SHAPE >= 0.85

78

0.85 > SHAPE >= 0.4

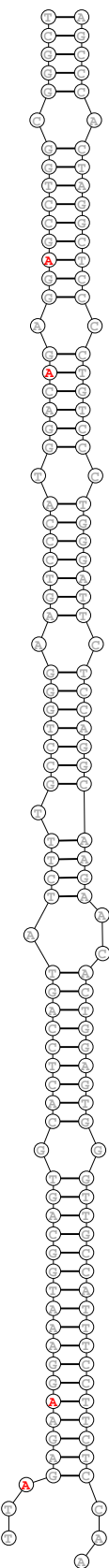
0.4 > SHAPE

No Data

ENERGY = -269.9 Chr18:48813872-4881...

EIF3M

Strands Chr15:64103595-64103668
and Chr15:64105025-64105098



SHAPE ≥ 0.85

79

0.85 > SHAPE ≥ 0.4

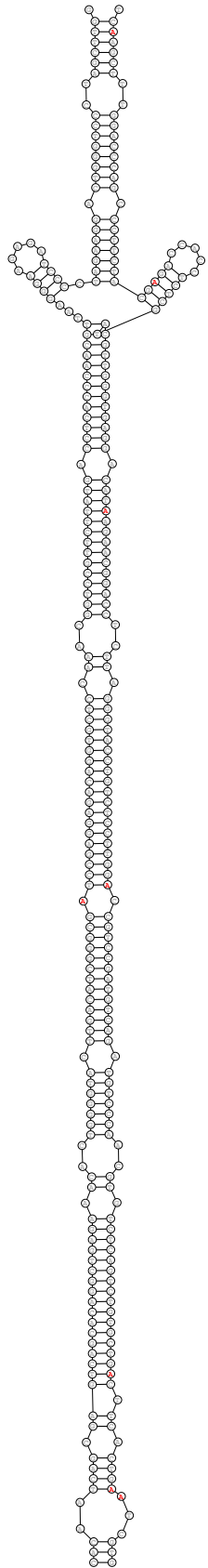
0.4 > SHAPE

No Data

ENERGY = -115.3 Chr15:64103595-6410...

ELF5 part A

Strands Chr15:65829157-65829306
and Chr15:65834544-65834694



SHAPE ≥ 0.85

80

0.85 > SHAPE ≥ 0.4

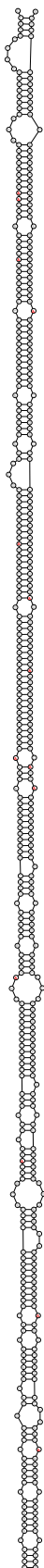
0.4 > SHAPE

No Data

ENERGY = -209.1 Chr15:65829157-6582...

ELF5 part B

Strands Chr15:65834491-65834717
and Chr15:65836360-65836580



SHAPE >= 0.85

81

0.85 > SHAPE >= 0.4

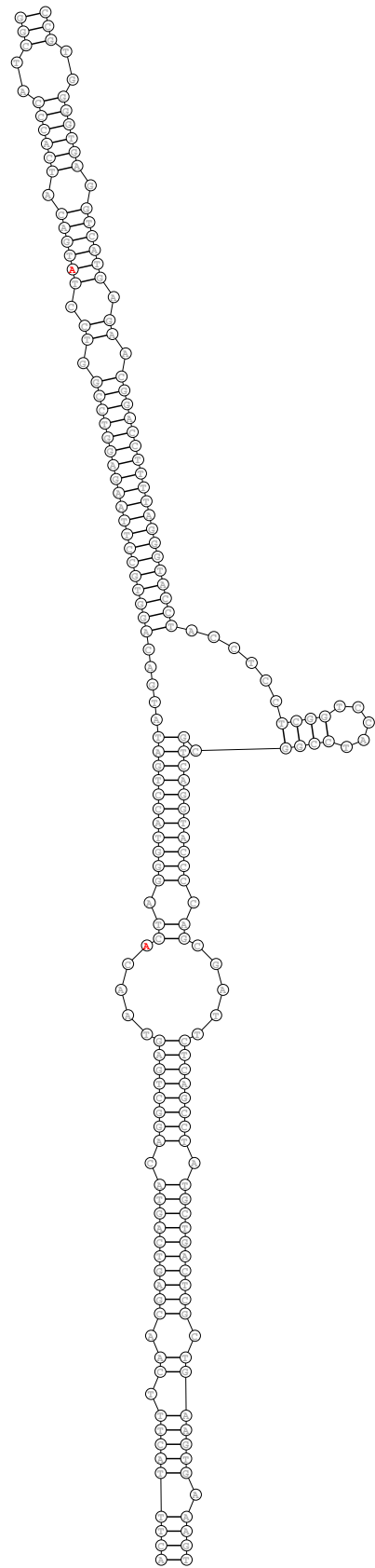
0.4 > SHAPE

No Data

ENERGY = -305.7 Chr15:65834491-6583...

ELF5 part C

Strands Chr15:65836602-65836698
and Chr15:65836940-65837051



SHAPE \geq 0.85

82

0.85 > SHAPE \geq 0.4

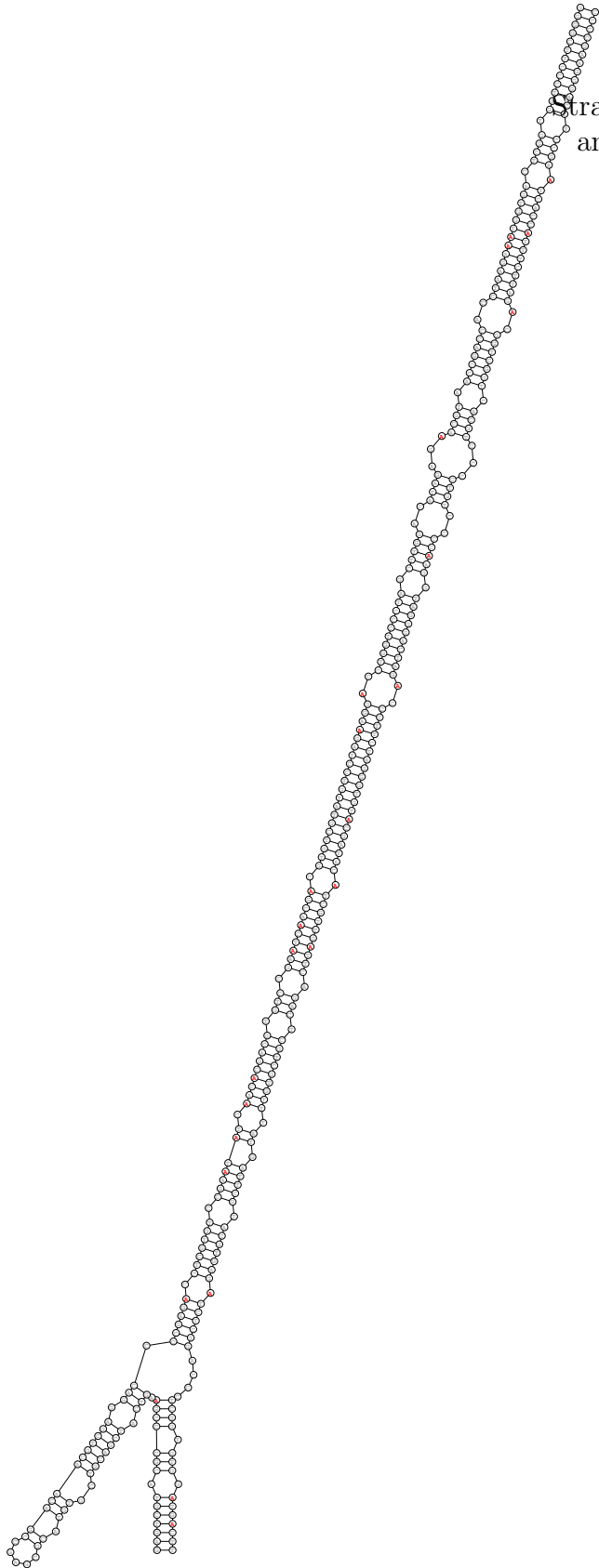
0.4 > SHAPE

No Data

ENERGY = -122.9 Chr15:65836602-6583...

ELMOD3 part A

Strands Chr11:49444161-49444359
and Chr11:49444966-49445128



SHAPE >= 0.85

83

0.85 > SHAPE >= 0.4

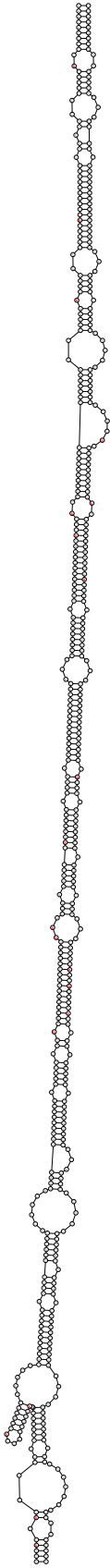
0.4 > SHAPE

No Data

ENERGY = -226.5 Chr11:49444161-4944...

ELMOD3 part B

Strands Chr11:49445119-49445369
and Chr11:49445727-49445979



SHAPE >= 0.85

84

0.85 > SHAPE >= 0.4

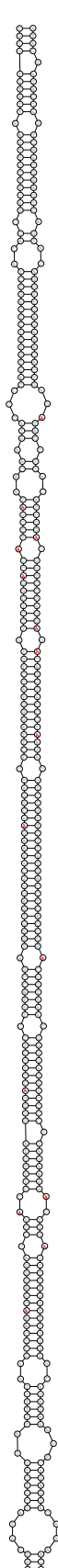
0.4 > SHAPE

No Data

ENERGY = -285.0 Chr11:49445119-4944...

ELMOD3 part C

Strands Chr11:49445766-49445948
and Chr11:49448539-49448724



SHAPE >= 0.85

85

0.85 > SHAPE >= 0.4

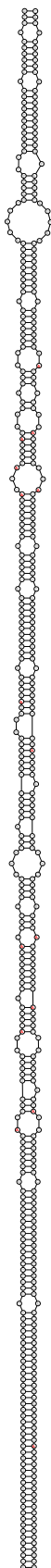
0.4 > SHAPE

No Data

ENERGY = -253.8 Chr11:49445766-4944...

ELMOD3 part D

Strands Chr11:49445726-49445955
and Chr11:49449336-49449562



SHAPE >= 0.85

86

0.85 > SHAPE >= 0.4

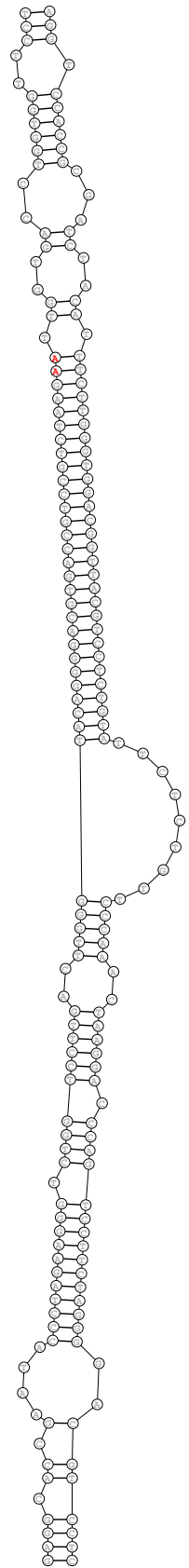
0.4 > SHAPE

No Data

ENERGY = -311.7 Chr11:49445726-4944...

ELMOD3 part E

Strands Chr11:49450334-49450424
and Chr11:49450772-49450867



SHAPE >= 0.85

87

0.85 > SHAPE >= 0.4

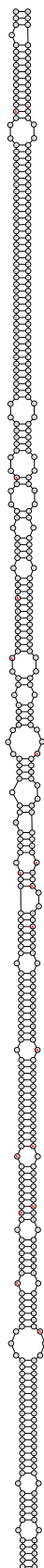
0.4 > SHAPE

No Data

ENERGY = -109.1 Chr11:49450334-4945...

ELMOD3 part F

Strands Chr11:49449348-49449556
and Chr11:49450772-49450981



SHAPE >= 0.85

88

0.85 > SHAPE >= 0.4

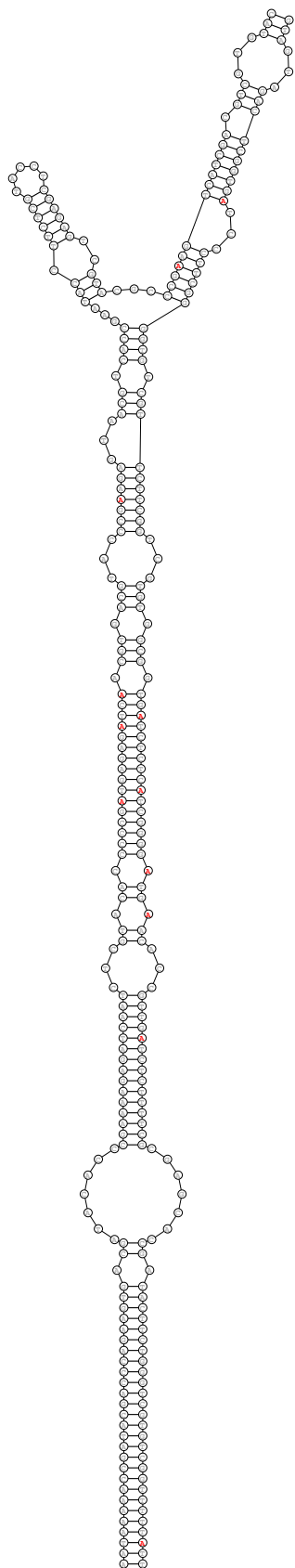
0.4 > SHAPE

No Data

ENERGY = -308.6 Chr11:49449348-4944...

ELMOD3 part G

Strands Chr11:49444034-49444194
and Chr11:49445344-49445471



SHAPE >= 0.85

89

0.85 > SHAPE >= 0.4

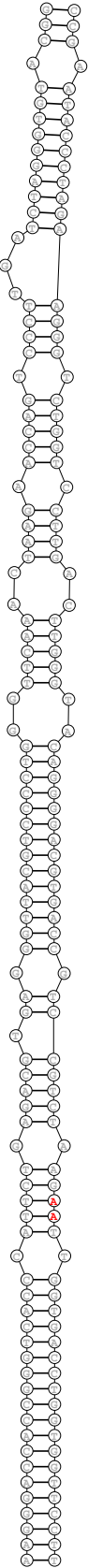
0.4 > SHAPE

No Data

ENERGY = -154.6 Chr11:49444034-4944...

ELMOD3 part H

Strands Chr11:49448728-49448817
and Chr11:49450340-49450425



SHAPE >= 0.85

90

0.85 > SHAPE >= 0.4

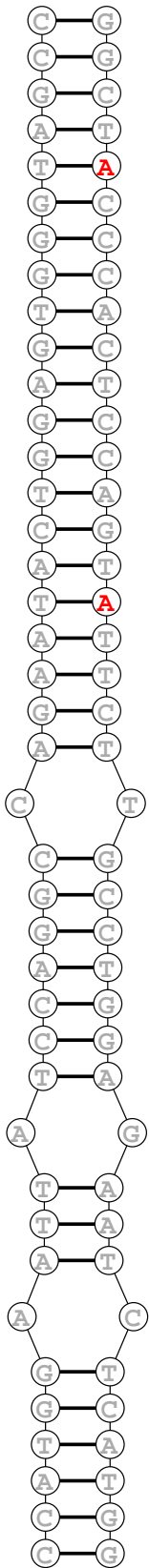
0.4 > SHAPE

No Data

ENERGY = -126.4 Chr11:49448728-4944...

ENO4

Strands Chr26:37581183-37581222
and Chr26:37582673-37582712



SHAPE >= 0.85

91

0.85 > SHAPE >= 0.4

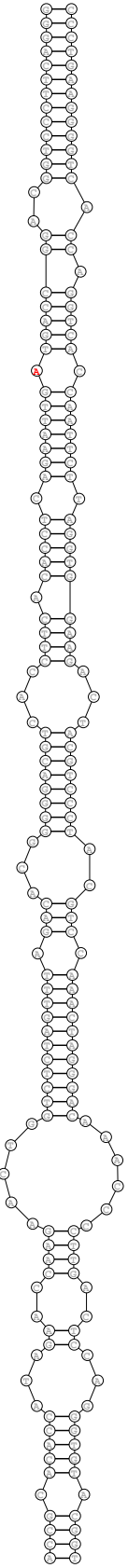
0.4 > SHAPE

No Data

ENERGY = -64.8 Chr26:37581183-37581...

ENSBTAG00000002633

Strands Chr19:55122563-55122658
and Chr19:55123391-55123485



SHAPE >= 0.85

92

0.85 > SHAPE >= 0.4

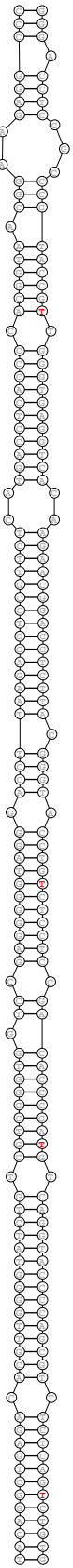
0.4 > SHAPE

No Data

ENERGY = -102.7 Chr19:55122563-5512...

ENSBTAG00000016957

Strands Chr8:112133144-112133249
and Chr8:112133596-112133702



SHAPE >= 0.85

93

0.85 > SHAPE >= 0.4

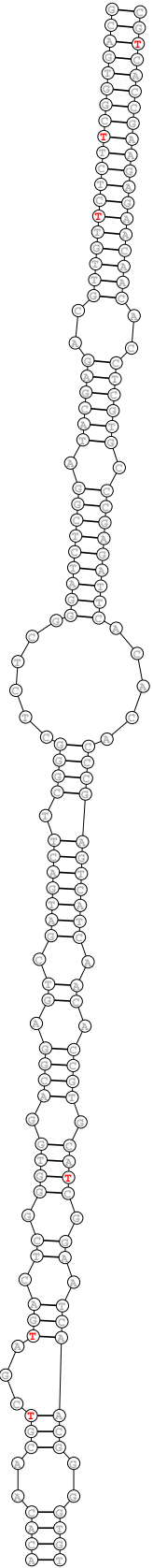
0.4 > SHAPE

No Data

ENERGY = -166.7 Chr8:112133144-1121...

ENSBTAG00000018057

Strands Chr22:13380889-13380975
and Chr22:13381497-13381578



SHAPE >= 0.85

94

0.85 > SHAPE >= 0.4

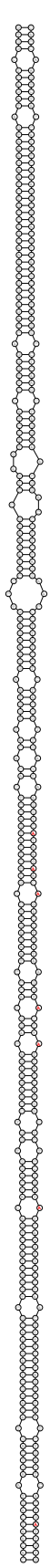
0.4 > SHAPE

No Data

ENERGY = -105.1 Chr22:13380889-1338...

ENSBTAG00000040392 part A

Strands Chr18:61210742-61210935
and Chr18:61211687-61211880



SHAPE >= 0.85

95

0.85 > SHAPE >= 0.4

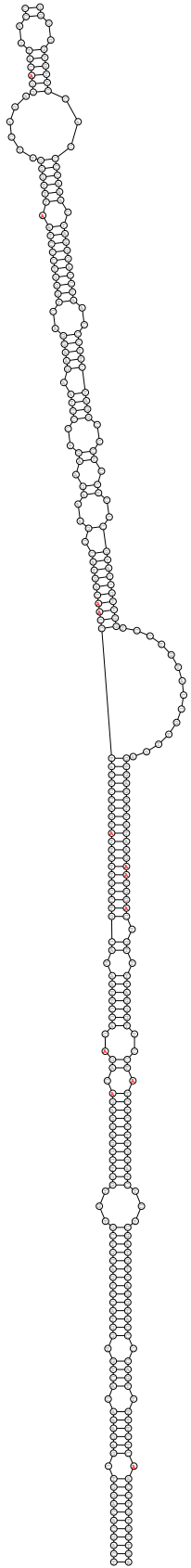
0.4 > SHAPE

No Data

ENERGY = -279.8 Chr18:61210742-6121...

ENSBTAG00000040392 part B

Strands Chr18:61211948-61212101
and Chr18:61212312-61212475



SHAPE >= 0.85

96

0.85 > SHAPE >= 0.4

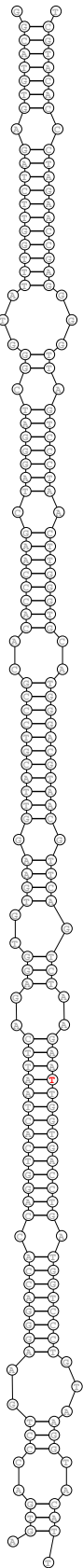
0.4 > SHAPE

No Data

ENERGY = -191.5 Chr18:61211948-6121...

ENSBTAG00000046117

Strands Chr11:63370198-63370298
and Chr11:63370491-63370591



SHAPE >= 0.85

97

0.85 > SHAPE >= 0.4

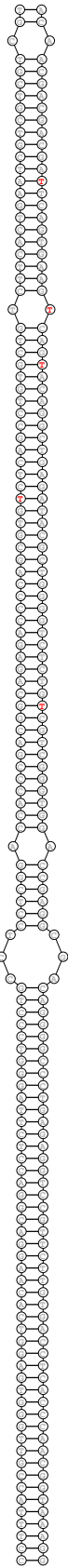
0.4 > SHAPE

No Data

ENERGY = -127.5 Chr11:63370198-6337...

ENSBTAG00000046547

Strands Chr24:43218218-43218341
and Chr24:43219844-43219967



SHAPE >= 0.85

98

0.85 > SHAPE >= 0.4

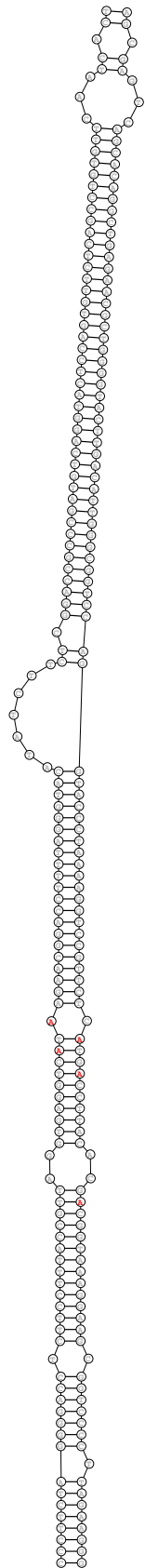
0.4 > SHAPE

No Data

ENERGY = -249.6 Chr24:43218218-4321...

EXOSC1

Strands Chr26:18527446-18527570
and Chr26:18528046-18528163



SHAPE >= 0.85

99

0.85 > SHAPE >= 0.4

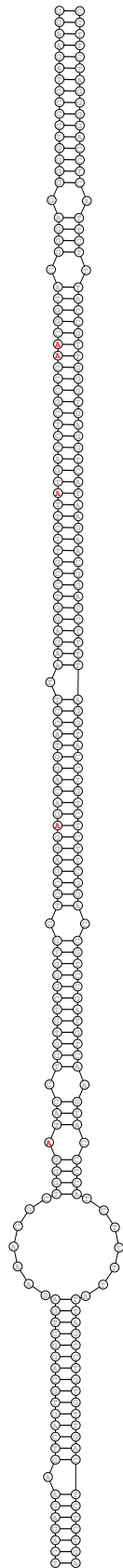
0.4 > SHAPE

No Data

ENERGY = -199.5 Chr26:18527446-1852...

EXOSC7

Strands Chr22:54829726-54829853
and Chr22:54830086-54830211



SHAPE >= 0.85

100

0.85 > SHAPE >= 0.4

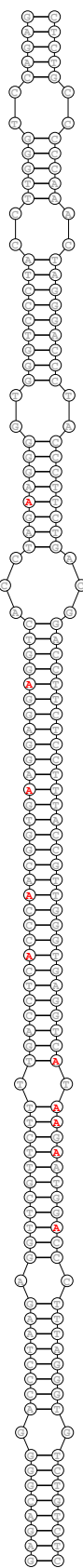
0.4 > SHAPE

No Data

ENERGY = -194.5 Chr22:54829726-5482...

EXOSC9

Strands Chr6:3420513-3420608
and Chr6:3421269-3421364



SHAPE \geq 0.85

101

0.85 > SHAPE \geq 0.4

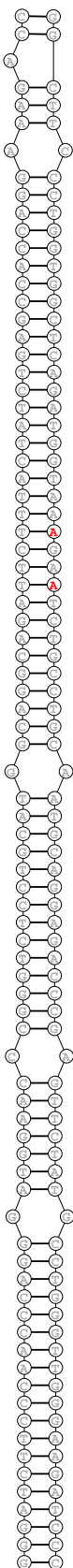
0.4 > SHAPE

No Data

ENERGY = -152.3 Chr6:3420513-342060...

FAM134B

Strands Chr20:56756863-56756945
and Chr20:56757568-56757649



SHAPE ≥ 0.85

102

0.85 > SHAPE ≥ 0.4

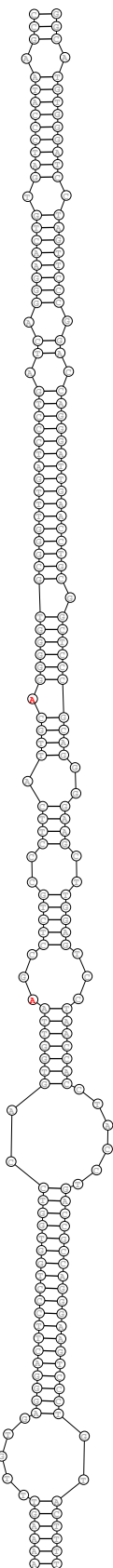
0.4 > SHAPE

No Data

ENERGY = -156.0 Chr20:56756863-5675...

FAM73B part A

Strands Chr11:99537149-99537255
and Chr11:99538003-99538111



SHAPE >= 0.85

103

0.85 > SHAPE >= 0.4

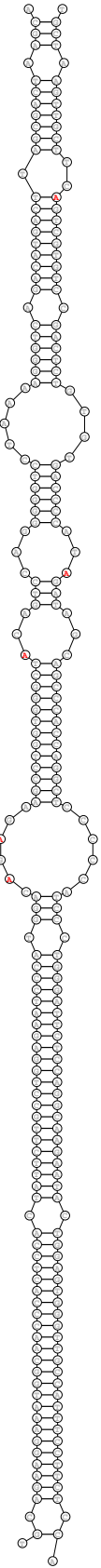
0.4 > SHAPE

No Data

ENERGY = -138.0 Chr11:99537149-9953...

FAM73B part B

Strands Chr11:99536950-99537071
and Chr11:99538765-99538886



SHAPE >= 0.85

104

0.85 > SHAPE >= 0.4

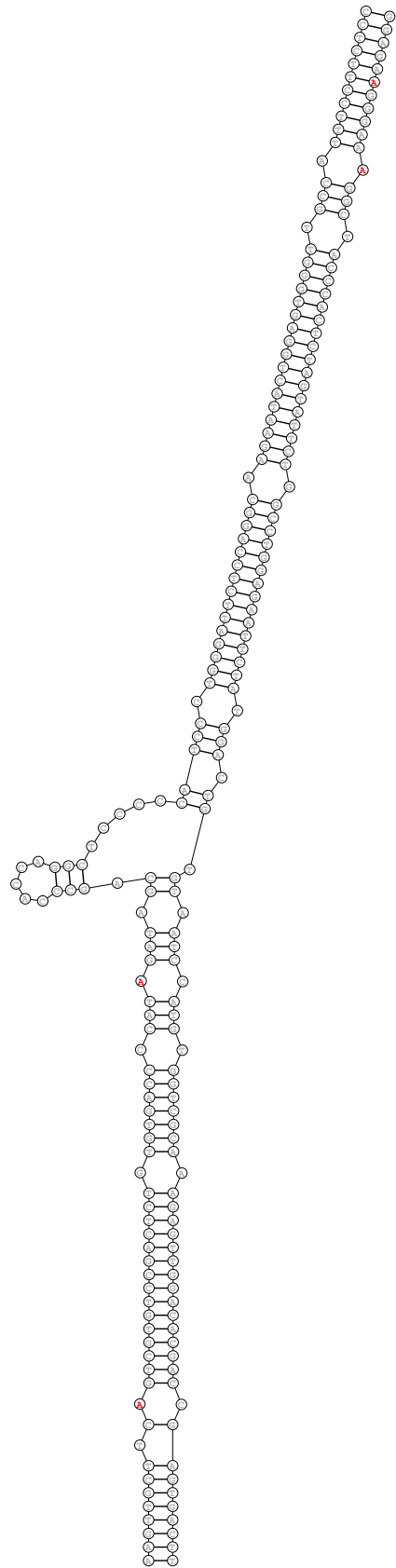
0.4 > SHAPE

No Data

ENERGY = -175.3 Chr11:99536950-9953...

FAM73B part C

Strands Chr11:99538769-99538885
and Chr11:99539830-99539930



SHAPE \geq 0.85

105

0.85 > SHAPE \geq 0.4

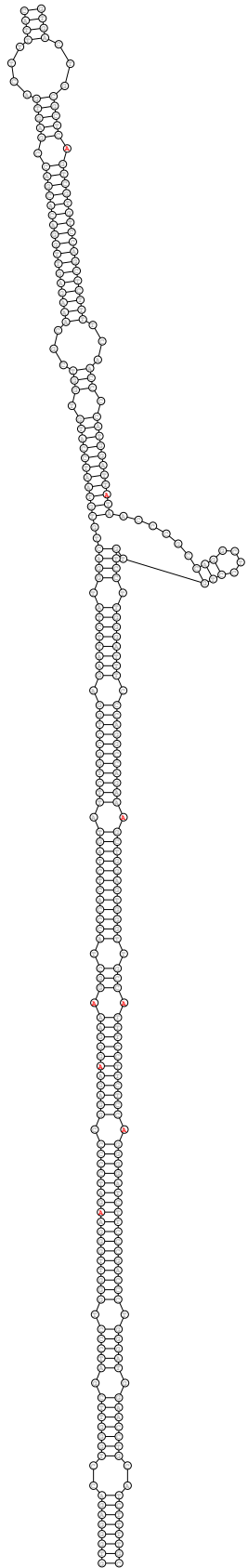
0.4 > SHAPE

No Data

ENERGY = -141.6 Chr11:99538769-9953...

FAM73B part D

Strands Chr11:99539788-99539934
and Chr11:99540172-99540332



SHAPE ≥ 0.85

106

0.85 > SHAPE ≥ 0.4

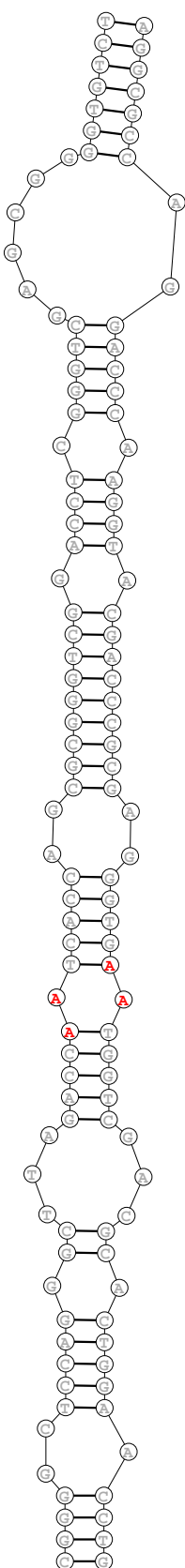
0.4 > SHAPE

No Data

ENERGY = -207.7 Chr11:99539788-9953...

FASTK

Strands Chr4:114454600-114454662
and Chr4:114454738-114454795



SHAPE \geq 0.85

107

0.85 > SHAPE \geq 0.4

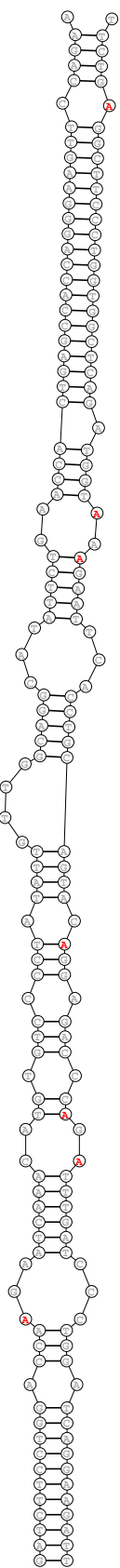
0.4 > SHAPE

No Data

ENERGY = -79.5 Chr4:114454600-11445...

FBXW12

Strands Chr8:91670639-91670727
and Chr8:91670762-91670847



SHAPE ≥ 0.85

108

0.85 > SHAPE ≥ 0.4

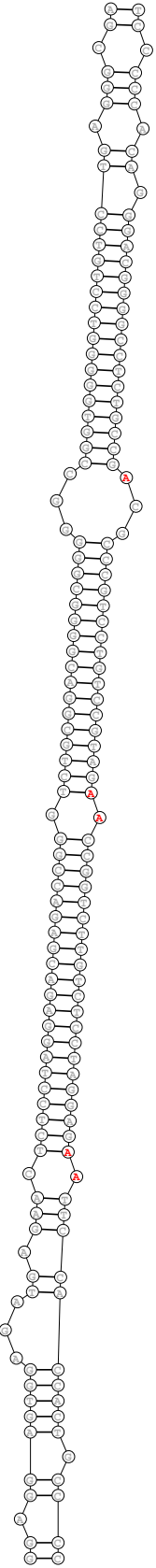
0.4 > SHAPE

No Data

ENERGY = -97.0 Chr8:91670639-916707...

FBXW8

Strands Chr17:60340398-60340485
and Chr17:60340982-60341066



SHAPE ≥ 0.85

109

0.85 > SHAPE ≥ 0.4

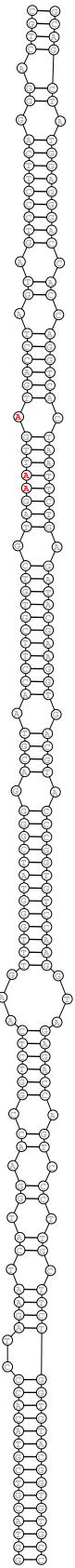
0.4 > SHAPE

No Data

ENERGY = -135.7 Chr17:60340398-6034...

FLNB part A

Strands Chr22:43703664-43703770
and Chr22:43704005-43704108



SHAPE ≥ 0.85

110

0.85 > SHAPE ≥ 0.4

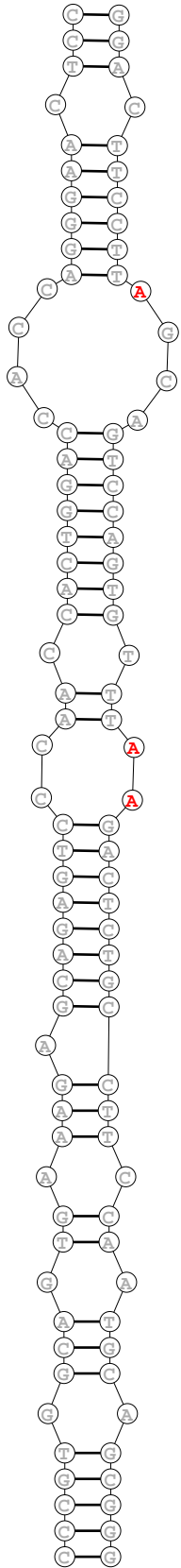
0.4 > SHAPE

No Data

ENERGY = -128.1 Chr22:43703664-4370...

FUT11 part A

Strands Chr28:29839014-29839065
and Chr28:29839101-29839151



SHAPE >= 0.85

111

0.85 > SHAPE >= 0.4

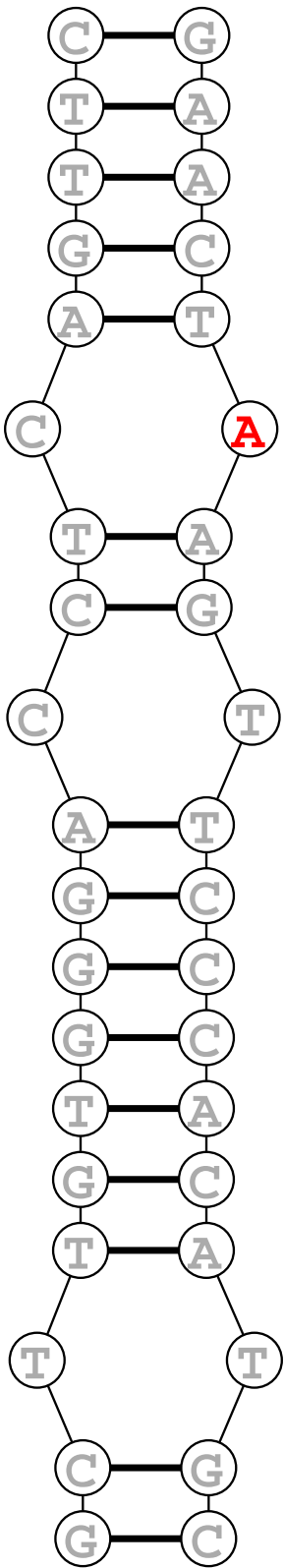
0.4 > SHAPE

No Data

ENERGY = -54.2 Chr28:29839014-29839...

FUT11 part B

Strands Chr28:29838972-29838990
and Chr28:29839181-29839199



SHAPE >= 0.85

112

0.85 > SHAPE >= 0.4

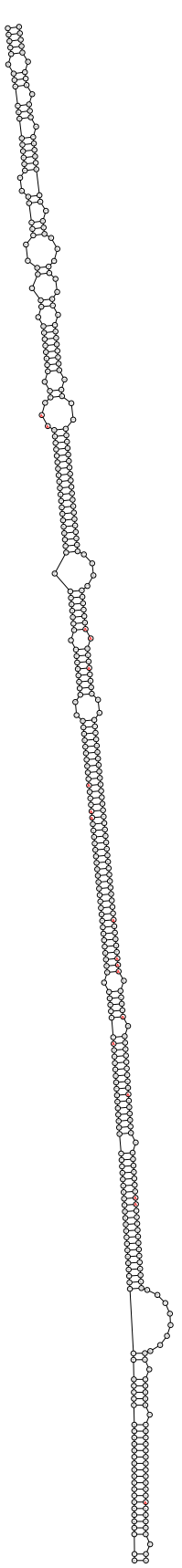
0.4 > SHAPE

No Data

ENERGY = -20.5 Chr28:29838972-29838...

GGT1 part A

Strands Chr17:73443267-73443463
and Chr17:73444301-73444515



SHAPE >= 0.85

113

0.85 > SHAPE >= 0.4

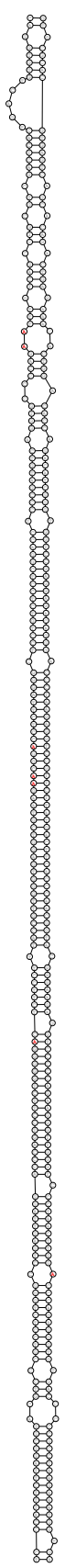
0.4 > SHAPE

No Data

ENERGY = -318.6 Chr17:73443267-7344...

GGT1 part B

Strands Chr17:73443267-73443454
and Chr17:73445603-73445787



SHAPE >= 0.85

114

0.85 > SHAPE >= 0.4

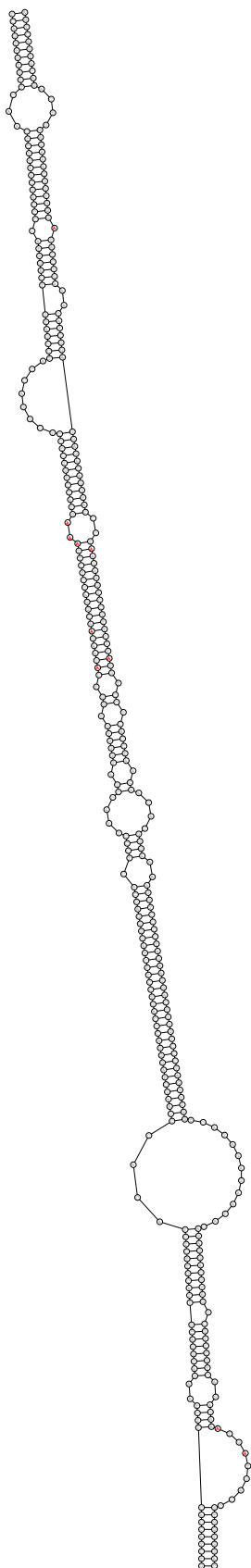
0.4 > SHAPE

No Data

ENERGY = -298.0 Chr17:73443267-7344...

GPAM

Strands Chr26:32977076-32977251
and Chr26:32977800-32977990



SHAPE \geq 0.85

115

0.85 > SHAPE \geq 0.4

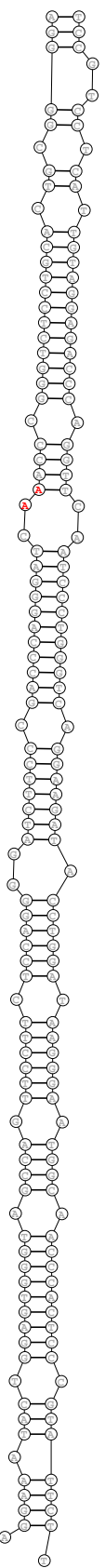
0.4 > SHAPE

No Data

ENERGY = -248.2 Chr26:32977076-3297...

GPBP1L1

Strands Chr3:101046391-101046477
and Chr3:101047403-101047489



SHAPE \geq 0.85

116

0.85 > SHAPE \geq 0.4

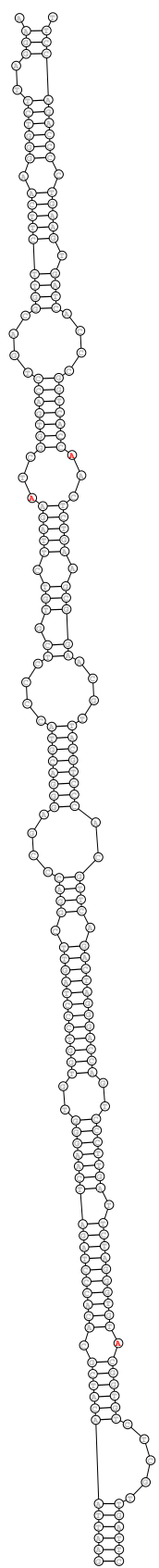
0.4 > SHAPE

No Data

ENERGY = -121.3 Chr3:101046391-1010...

GPRC5C

Strands Chr19:57649872-57649984
and Chr19:57653168-57653282



SHAPE ≥ 0.85

117

0.85 > SHAPE ≥ 0.4

0.4 > SHAPE

No Data

ENERGY = -122.0 Chr19:57649872-5764...

GTF2H5

Strands Chr9:96165890-96166017
and Chr9:96167397-96167526



SHAPE >= 0.85

118

0.85 > SHAPE >= 0.4

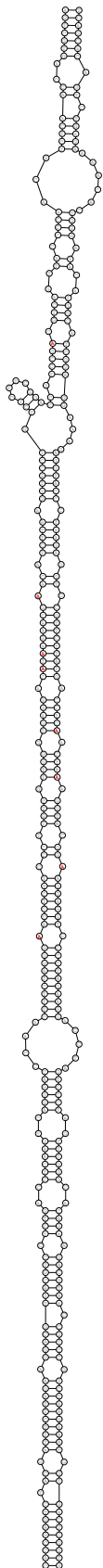
0.4 > SHAPE

No Data

ENERGY = -211.6 Chr9:96165890-96166...

HAPLN3 part A

Strands Chr21:20881003-20881180
and Chr21:20881565-20881738



SHAPE >= 0.85

119

0.85 > SHAPE >= 0.4

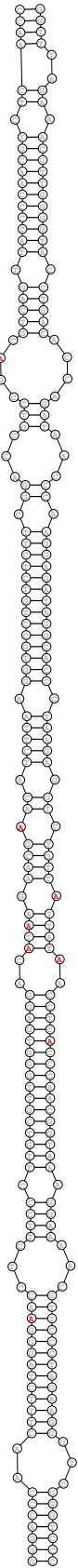
0.4 > SHAPE

No Data

ENERGY = -181.2 Chr21:20881003-2088...

HAPLN3 part B

Strands Chr21:20881055-20881172
and Chr21:20882476-20882596



SHAPE \geq 0.85

120

0.85 > SHAPE \geq 0.4

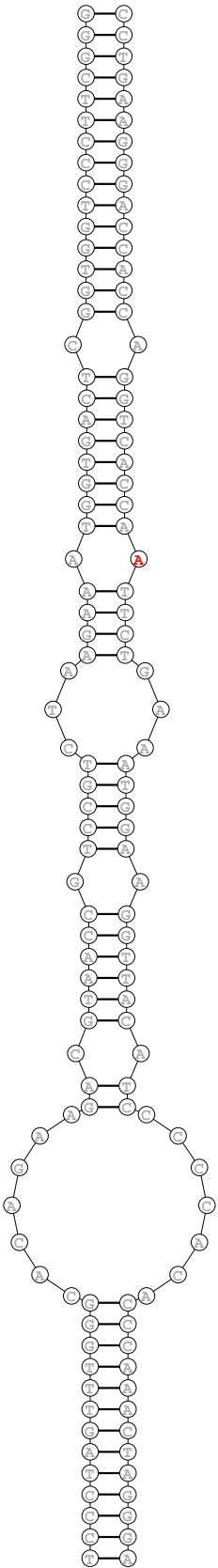
0.4 > SHAPE

No Data

ENERGY = -139.1 Chr21:20881055-2088...

HAPLN3 part C

Strands Chr21:20881683-20881749
and Chr21:20882189-20882255



SHAPE >= 0.85

121

0.85 > SHAPE >= 0.4

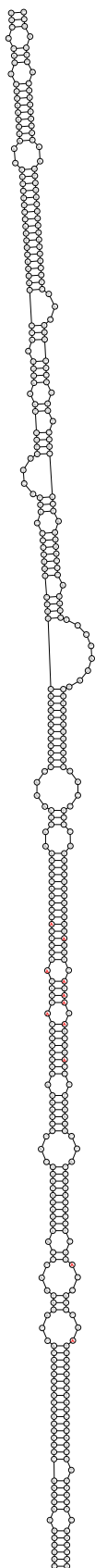
0.4 > SHAPE

No Data

ENERGY = -88.6 Chr21:20881683-20881...

HAPLN3 part D

Strands Chr21:20882474-20882656
and Chr21:20883428-20883619



SHAPE >= 0.85

122

0.85 > SHAPE >= 0.4

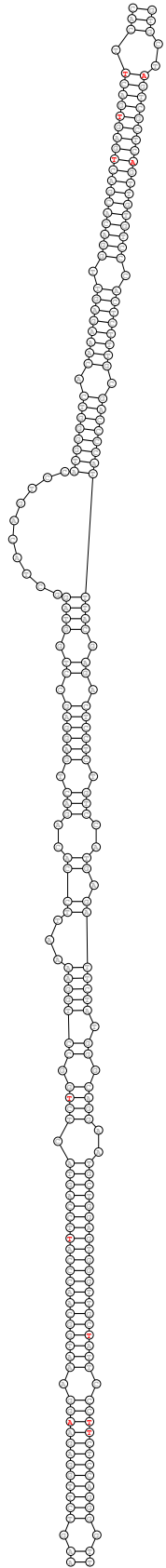
0.4 > SHAPE

No Data

ENERGY = -228.7 Chr21:20882474-2088...

HBP1

Strands Chr4:48571946-48572071
and Chr4:48572768-48572884



SHAPE >= 0.85

123

0.85 > SHAPE >= 0.4

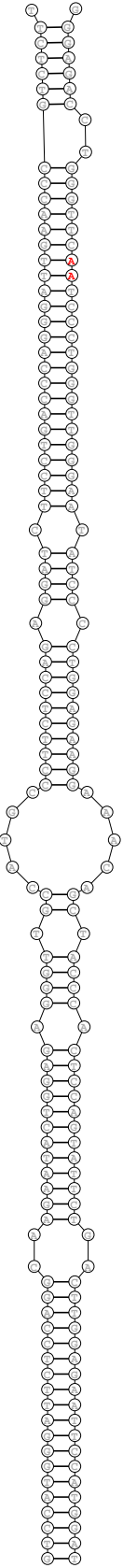
0.4 > SHAPE

No Data

ENERGY = -152.6 Chr4:48571946-48572...

HERPUD2

Strands Chr4:61842415-61842506
and Chr4:61842800-61842893



SHAPE >= 0.85

124

0.85 > SHAPE >= 0.4

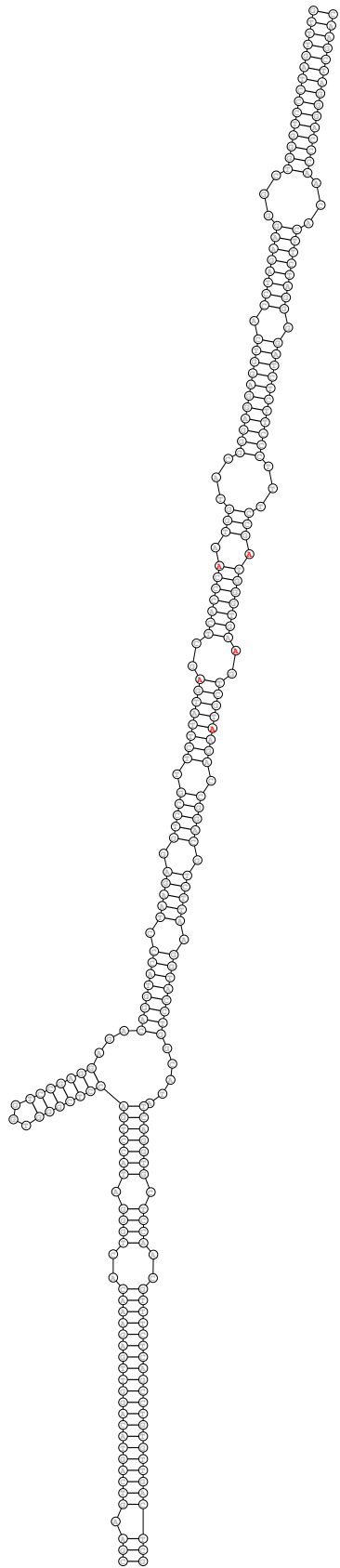
0.4 > SHAPE

No Data

ENERGY = -141.5 Chr4:61842415-61842...

HHIPL2 part A

Strands Chr16:26717543-26717683
and Chr16:26718487-26718611



SHAPE \geq 0.85

125

0.85 > SHAPE \geq 0.4

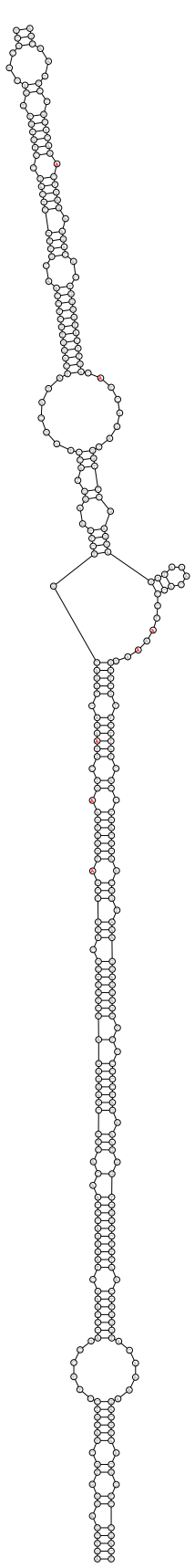
0.4 > SHAPE

No Data

ENERGY = -180.5 Chr16:26717543-2671...

HHIPL2 part B

Strands Chr16:26718460-26718613
and Chr16:26719823-26719993



SHAPE >= 0.85

126

0.85 > SHAPE >= 0.4

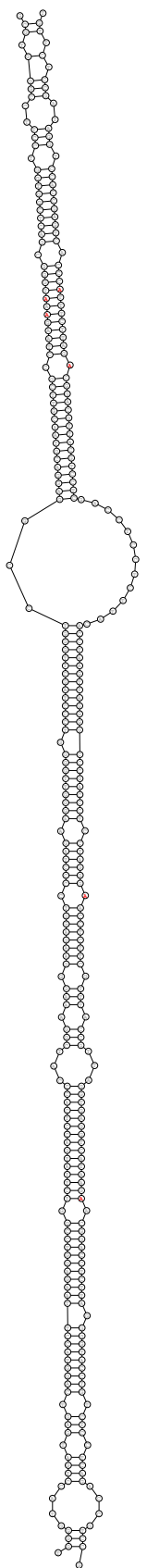
0.4 > SHAPE

No Data

ENERGY = -150.5 Chr16:26718460-2671...

HMGN3 part A

Strands Chr9:19002391-19002551
and Chr9:19002575-19002746



SHAPE \geq 0.85

127

0.85 > SHAPE \geq 0.4

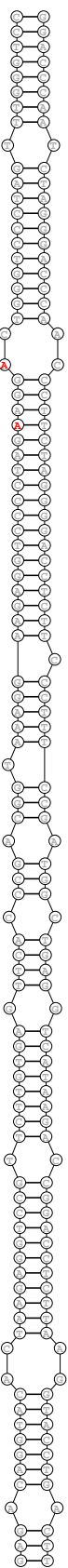
0.4 > SHAPE

No Data

ENERGY = -237.1 Chr9:19002391-19002...

HMGN3 part B

Strands Chr9:19002926-19003017
and Chr9:19003149-19003240



SHAPE \geq 0.85

128

0.85 > SHAPE \geq 0.4

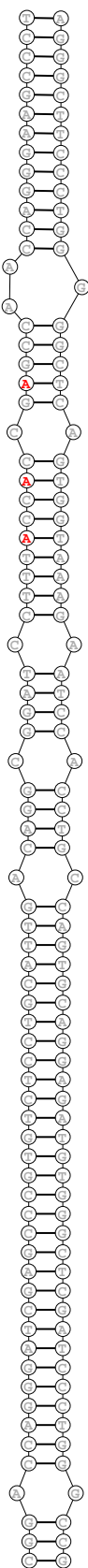
0.4 > SHAPE

No Data

ENERGY = -142.7 Chr9:19002926-19003...

HOOK3

Strands Chr27:37355456-37355530
and Chr27:37356243-37356316



SHAPE ≥ 0.85

129

0.85 > SHAPE ≥ 0.4

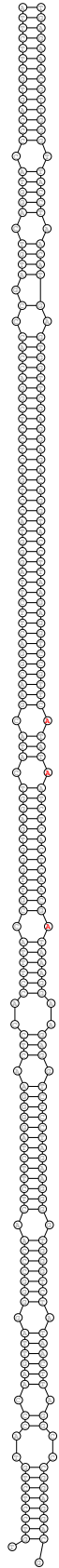
0.4 > SHAPE

No Data

ENERGY = -131.9 Chr27:37355456-3735...

HPSE

Strands Chr6:99861985-99862122
and Chr6:99862360-99862496



SHAPE >= 0.85

130

0.85 > SHAPE >= 0.4

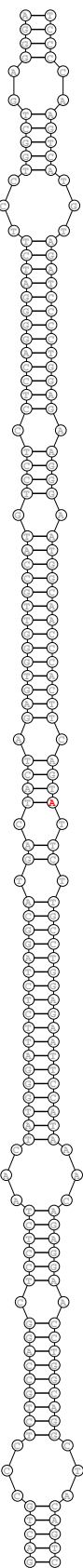
0.4 > SHAPE

No Data

ENERGY = -194.2 Chr6:99861985-99862...

HSTN

Strands Chr6:87195332-87195432
and Chr6:87195888-87195988



SHAPE >= 0.85

131

0.85 > SHAPE >= 0.4

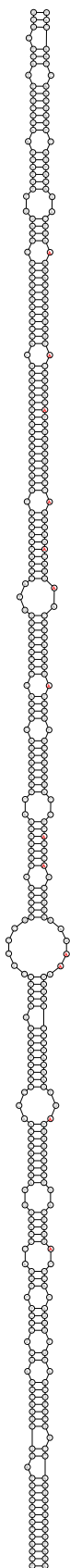
0.4 > SHAPE

No Data

ENERGY = -142.6 Chr6:87195332-87195...

HTATIP2

Strands Chr29:24809615-24809803
and Chr29:24810971-24811156



SHAPE >= 0.85

132

0.85 > SHAPE >= 0.4

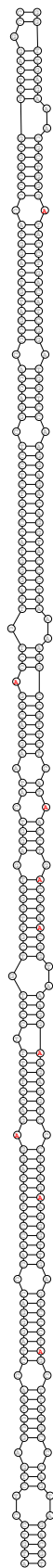
0.4 > SHAPE

No Data

ENERGY = -249.2 Chr29:24809615-2480...

IAH1 part A

Strands Chr11:87948531-87948671
and Chr11:87949481-87949622



SHAPE >= 0.85

133

0.85 > SHAPE >= 0.4

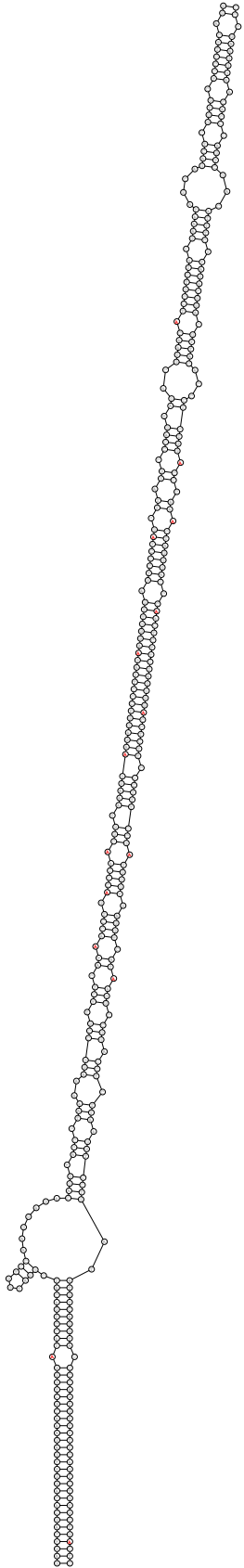
0.4 > SHAPE

No Data

ENERGY = -211.8 Chr11:87948531-8794...

IAH1 part B

Strands Chr11:87949470-87949664
and Chr11:87949748-87949925



SHAPE \geq 0.85

134

0.85 > SHAPE \geq 0.4

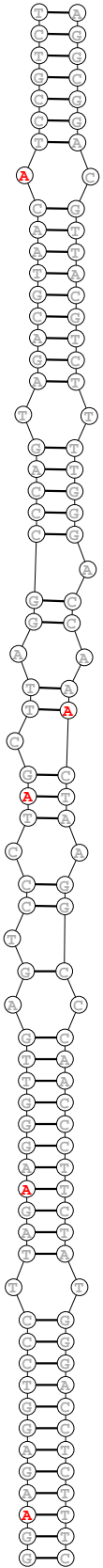
0.4 > SHAPE

No Data

ENERGY = -228.0 Chr11:87949470-8794...

IAH1 part C

Strands Chr11:87949572-87949633
and Chr11:87949662-87949722



SHAPE >= 0.85

135

0.85 > SHAPE >= 0.4

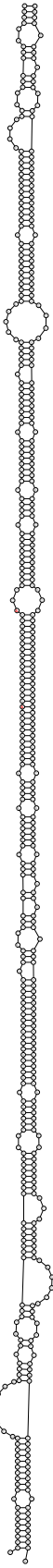
0.4 > SHAPE

No Data

ENERGY = -82.2 Chr11:87949572-87949...

IFNGR2 part A

Strands Chr1:1377597-1377826
and Chr1:1378428-1378652



SHAPE >= 0.85

136

0.85 > SHAPE >= 0.4

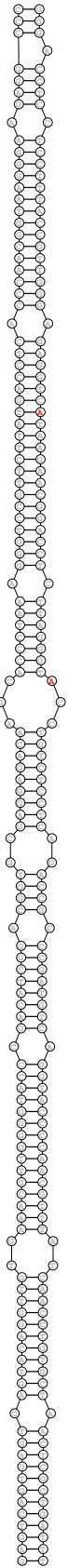
0.4 > SHAPE

No Data

ENERGY = -282.3 Chr1:1377597-137782...

IFNGR2 part B

Strands Chr1:1378446-1378566
and Chr1:1380021-1380142



SHAPE >= 0.85

137

0.85 > SHAPE >= 0.4

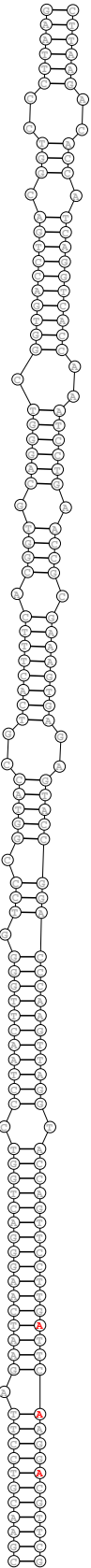
0.4 > SHAPE

No Data

ENERGY = -196.9 Chr1:1378446-137856...

IFNGR2 part C

Strands Chr1:1380579-1380673
and Chr1:1383184-1383276



SHAPE ≥ 0.85

138

$0.85 > \text{SHAPE} \geq 0.4$

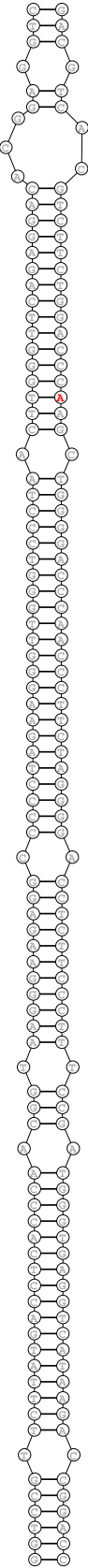
$0.4 > \text{SHAPE}$

No Data

ENERGY = -138.8 Chr1:1380579-138067...

IFNGR2 part D

Strands Chr1:1378524-1378613
and Chr1:1384463-1384551



SHAPE >= 0.85

139

0.85 > SHAPE >= 0.4

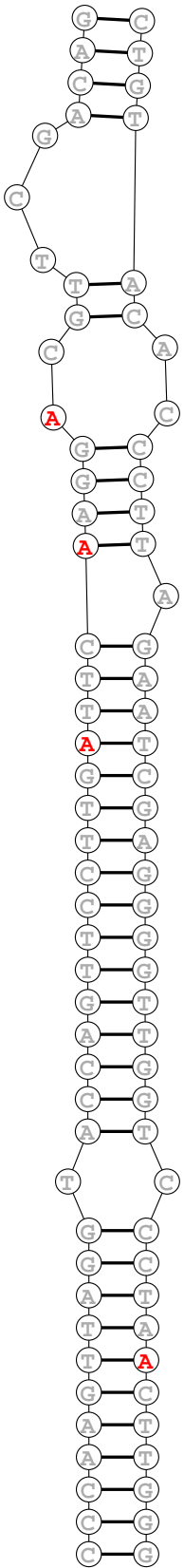
0.4 > SHAPE

No Data

ENERGY = -158.4 Chr1:1378524-137861...

IFNGR2 part E

Strands Chr1:1383238-1383280
and Chr1:1385270-1385310



SHAPE >= 0.85

140

0.85 > SHAPE >= 0.4

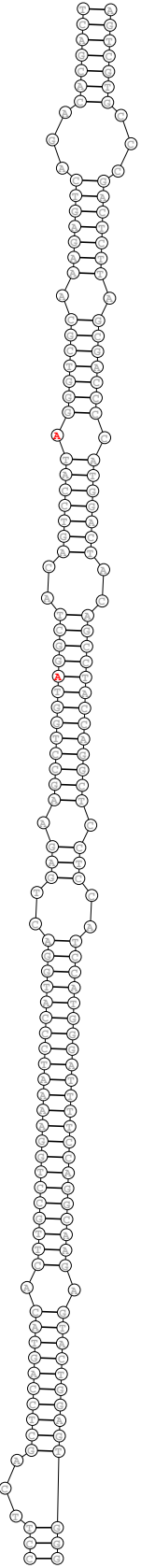
0.4 > SHAPE

No Data

ENERGY = -48.5 Chr1:1383238-1383280...

INPP5B

Strands Chr3:108646631-108646723
and Chr3:108647495-108647584



SHAPE \geq 0.85

141

0.85 > SHAPE \geq 0.4

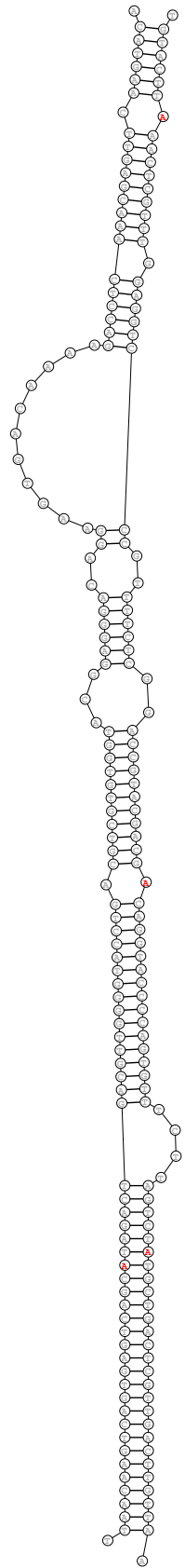
0.4 > SHAPE

No Data

ENERGY = -142.1 Chr3:108646631-1086...

KANK3

Strands Chr7:18202289-18202391
and Chr7:18202772-18202867



SHAPE \geq 0.85

142

0.85 > SHAPE \geq 0.4

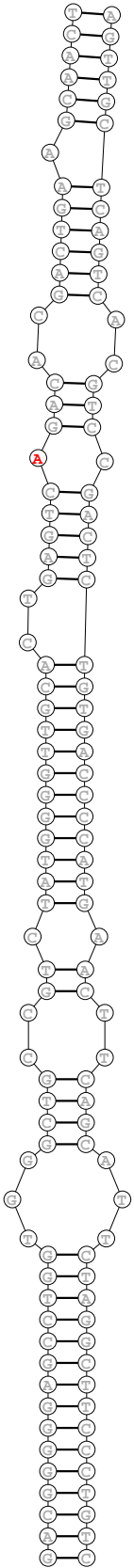
0.4 > SHAPE

No Data

ENERGY = -121.7 Chr7:18202289-18202...

KBTBD5

Strands Chr22:15453954-15454018
and Chr22:15454097-15454158



SHAPE >= 0.85

143

0.85 > SHAPE >= 0.4

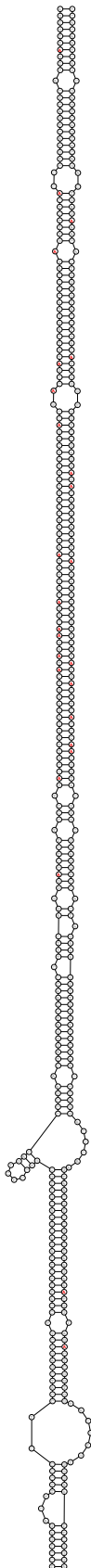
0.4 > SHAPE

No Data

ENERGY = -83.4 Chr22:15453954-15454...

KIAA1161

Strands Chr8:77084137-77084349
and Chr8:77086034-77086244



SHAPE >= 0.85

144

0.85 > SHAPE >= 0.4

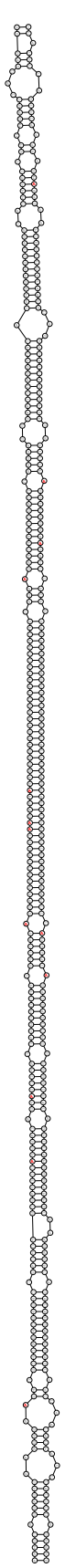
0.4 > SHAPE

No Data

ENERGY = -338.7 Chr8:77084137-77084...

KIN part A

Strands Chr13:16208706-16208914
and Chr13:16208991-16209205



SHAPE >= 0.85

145

0.85 > SHAPE >= 0.4

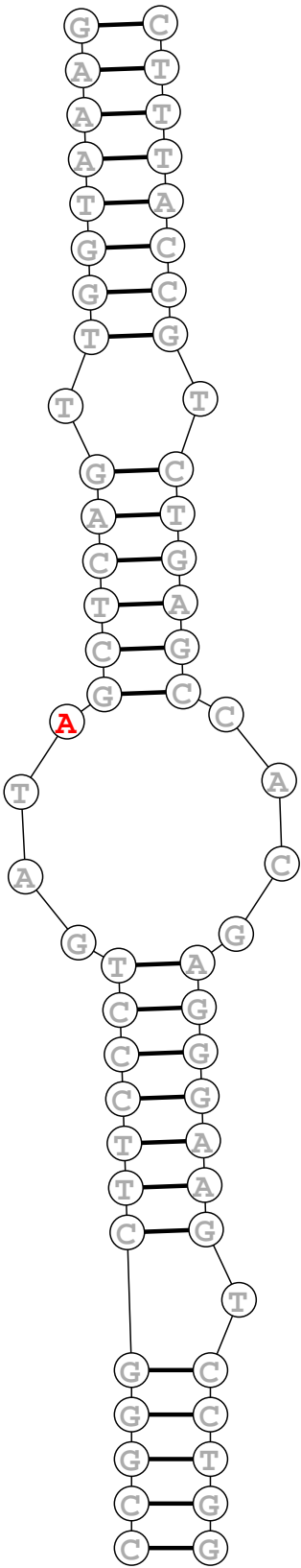
0.4 > SHAPE

No Data

ENERGY = -311.4 Chr13:16208706-1620...

KIN part B

Strands Chr13:16208664-16208694
and Chr13:16208892-16208923



SHAPE >= 0.85

0.85 > SHAPE >= 0.4

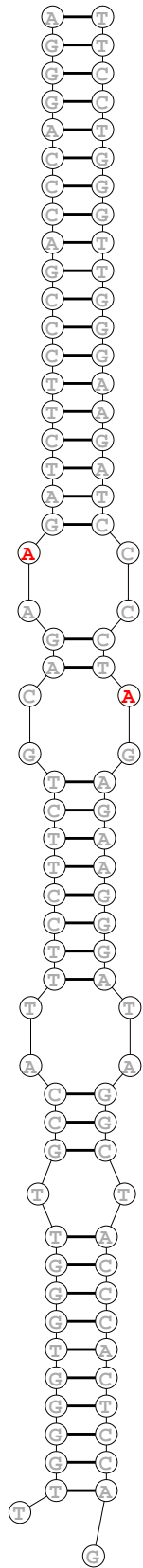
0.4 > SHAPE

No Data

ENERGY = -40.4 Chr13:16208664-16208...

KIN part C

Strands Chr13:16208811-16208860
and Chr13:16208950-16208999



SHAPE >= 0.85

147

0.85 > SHAPE >= 0.4

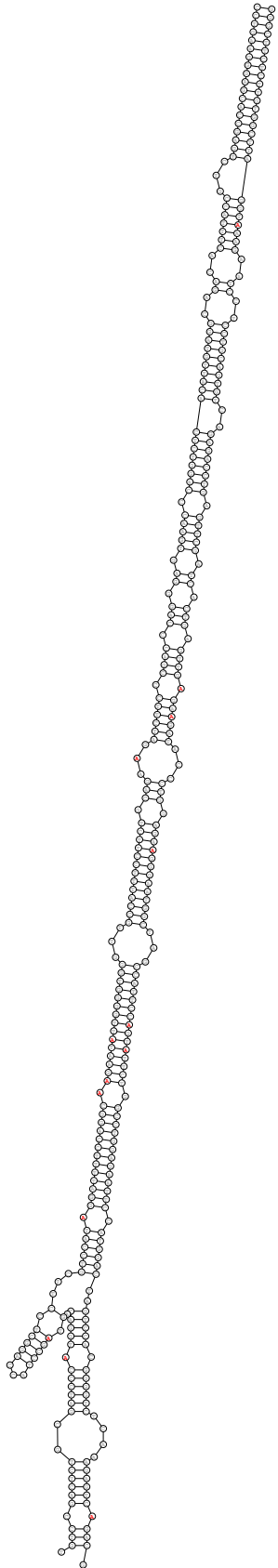
0.4 > SHAPE

No Data

ENERGY = -75.1 Chr13:16208811-16208...

KIN part D

Strands Chr13:16208738-16208920
and Chr13:16209209-16209373



SHAPE \geq 0.85

148

0.85 > SHAPE \geq 0.4

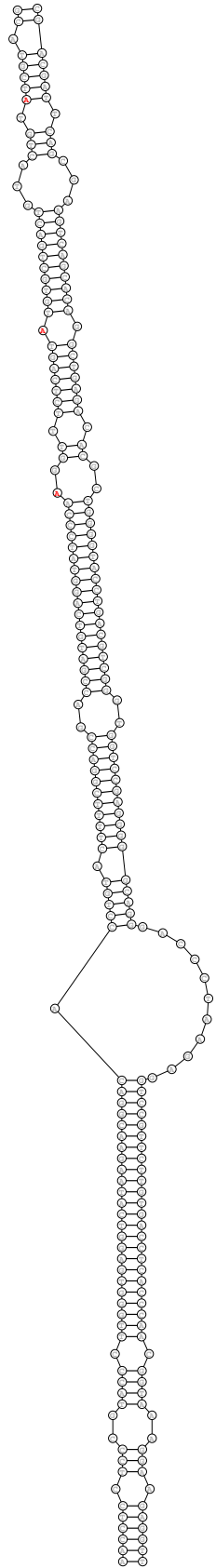
0.4 > SHAPE

No Data

ENERGY = -213.3 Chr13:16208738-1620...

KRT15

Strands Chr19:42357325-42357441
and Chr19:42357449-42357573



SHAPE \geq 0.85

149

0.85 > SHAPE \geq 0.4

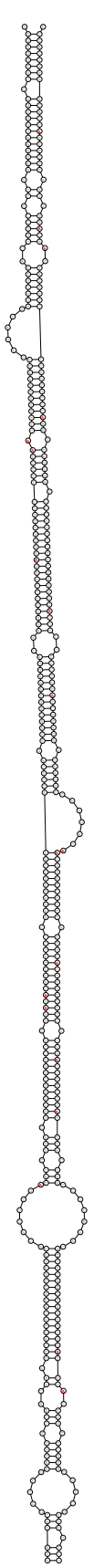
0.4 > SHAPE

No Data

ENERGY = -167.5 Chr19:42357325-4235...

LMAN2L part A

Strands Chr11:2647272-2647479
and Chr11:2649888-2650095



SHAPE >= 0.85

150

0.85 > SHAPE >= 0.4

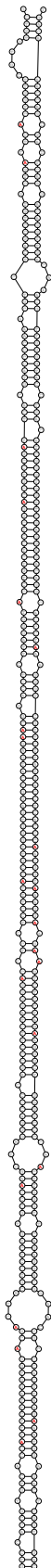
0.4 > SHAPE

No Data

ENERGY = -291.8 Chr11:2647272-26474...

LMAN2L part B

Strands Chr11:2649887-2650088
and Chr11:2650718-2650914



SHAPE >= 0.85

151

0.85 > SHAPE >= 0.4

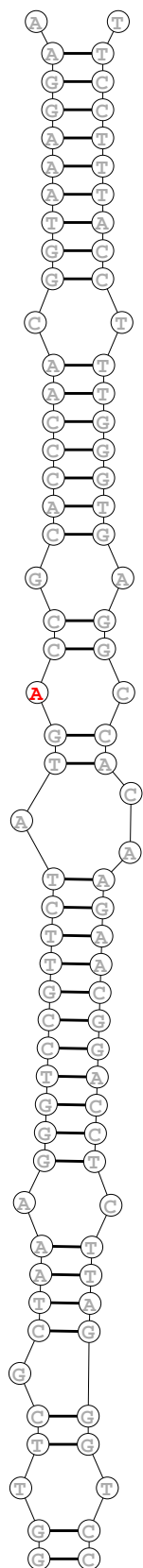
0.4 > SHAPE

No Data

ENERGY = -306.0 Chr11:2649887-26500...

LOC515042

Strands Chr2:131413149-131413195
and Chr2:131413620-131413666



SHAPE >= 0.85

152

0.85 > SHAPE >= 0.4

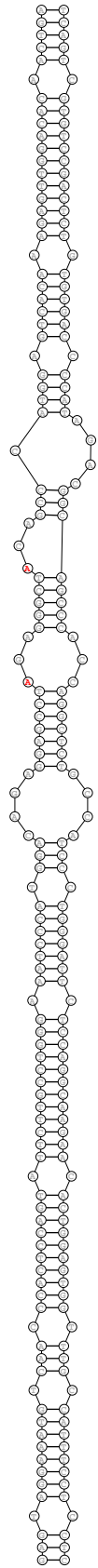
0.4 > SHAPE

No Data

ENERGY = -55.3 Chr2:131413149-13141...

LPL

Strands Chr8:67506972-67507079
and Chr8:67508343-67508450



SHAPE >= 0.85

153

0.85 > SHAPE >= 0.4

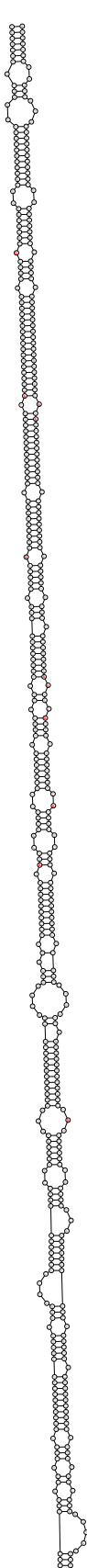
0.4 > SHAPE

No Data

ENERGY = -139.7 Chr8:67506972-67507...

LPO part A

Strands Chr19:9442989-9443209
and Chr19:9446268-9446496



SHAPE >= 0.85

154

0.85 > SHAPE >= 0.4

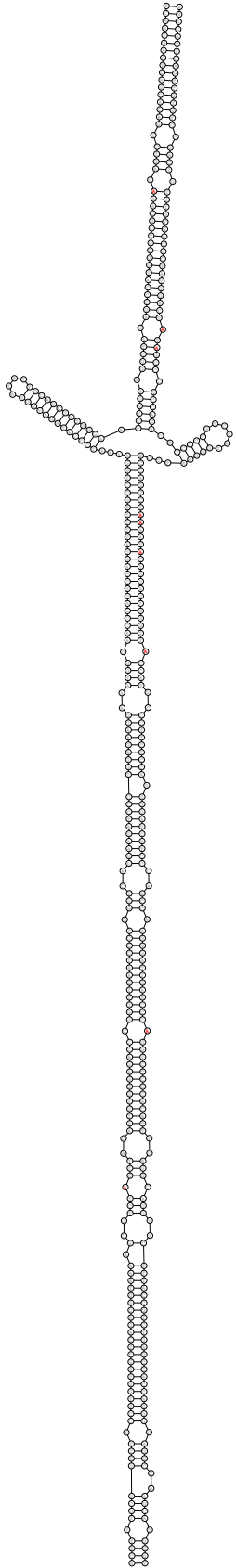
0.4 > SHAPE

No Data

ENERGY = -297.1 Chr19:9442989-94432...

LPO part B

Strands Chr19:9444332-9444553
and Chr19:9446286-9446496



SHAPE >= 0.85

155

0.85 > SHAPE >= 0.4

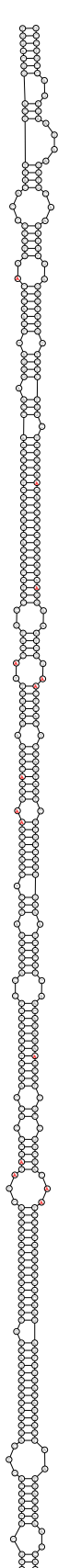
0.4 > SHAPE

No Data

ENERGY = -330.7 Chr19:9444332-94445...

LPO part C

Strands Chr19:9446280-9446456
and Chr19:9446519-9446699



SHAPE >= 0.85

156

0.85 > SHAPE >= 0.4

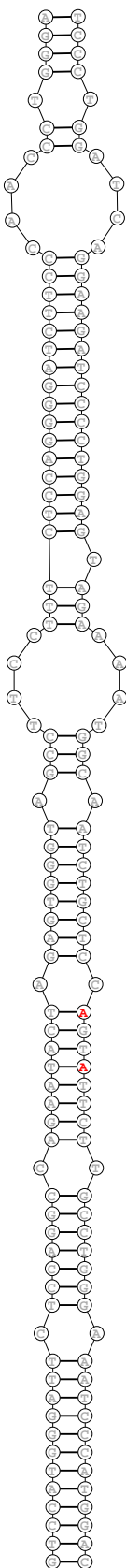
0.4 > SHAPE

No Data

ENERGY = -232.8 Chr19:9446280-94464...

LRRFIP1

Strands Chr3:117862976-117863051
and Chr3:117863814-117863890



SHAPE >= 0.85

157

0.85 > SHAPE >= 0.4

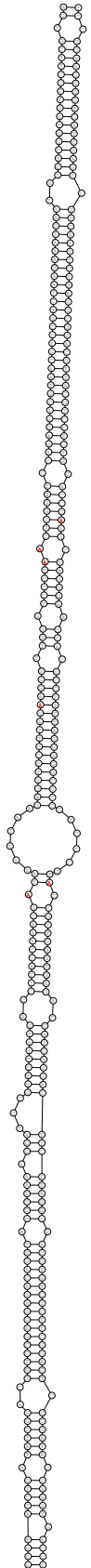
0.4 > SHAPE

No Data

ENERGY = -104.5 Chr3:117862976-1178...

LTBR part A

Strands Chr5:104350935-104351104
and Chr5:104351945-104352109



SHAPE >= 0.85

158

0.85 > SHAPE >= 0.4

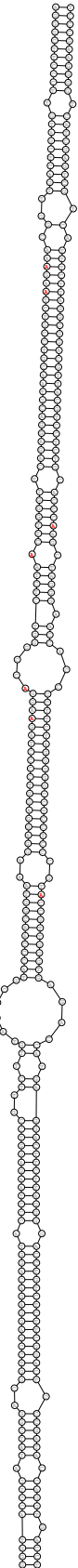
0.4 > SHAPE

No Data

ENERGY = -239.6 Chr5:104350935-1043...

LTBR part B

Strands Chr5:104351159-104351328
and Chr5:104351945-104352109



SHAPE >= 0.85

159

0.85 > SHAPE >= 0.4

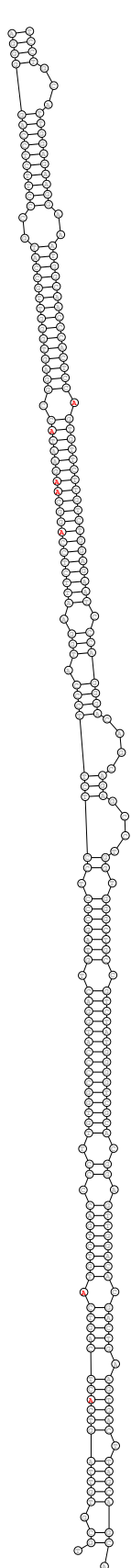
0.4 > SHAPE

No Data

ENERGY = -256.2 Chr5:104351159-1043...

LTF part A

Strands Chr22:53539208-53539329
and Chr22:53539803-53539935



SHAPE ≥ 0.85

160

0.85 > SHAPE ≥ 0.4

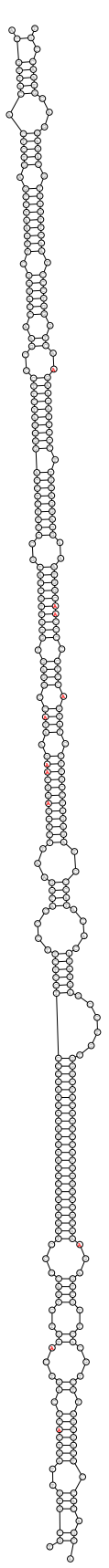
0.4 > SHAPE

No Data

ENERGY = -180.7 Chr22:53539208-5353...

LTF part B

Strands Chr22:53539208-53539369
and Chr22:53540467-53540637



SHAPE >= 0.85

161

0.85 > SHAPE >= 0.4

0.4 > SHAPE

No Data

ENERGY = -214.6 Chr22:53539208-5353...

LTF part C

Strands Chr22:53546815-53547081
and Chr22:53547839-53548104

SHAPE >= 0.85

162

0.85 > SHAPE >= 0.4

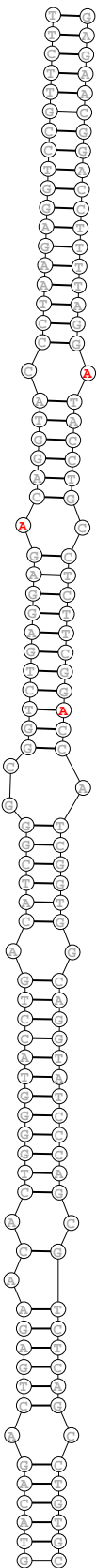
0.4 > SHAPE

No Data

ENERGY = -547.7 Chr22:53546815-5354...

MACROD1 part A

Strands Chr29:42893472-42893545
and Chr29:42893873-42893944



SHAPE >= 0.85

163

0.85 > SHAPE >= 0.4

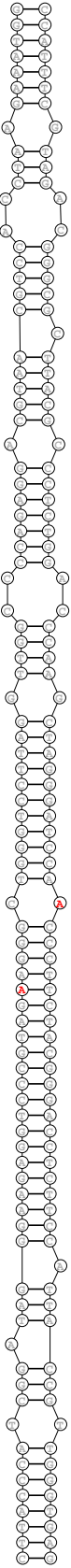
0.4 > SHAPE

No Data

ENERGY = -110.7 Chr29:42893472-4289...

MACROD1 part B

Strands Chr29:42893624-42893710
and Chr29:42893780-42893867



SHAPE >= 0.85

164

0.85 > SHAPE >= 0.4

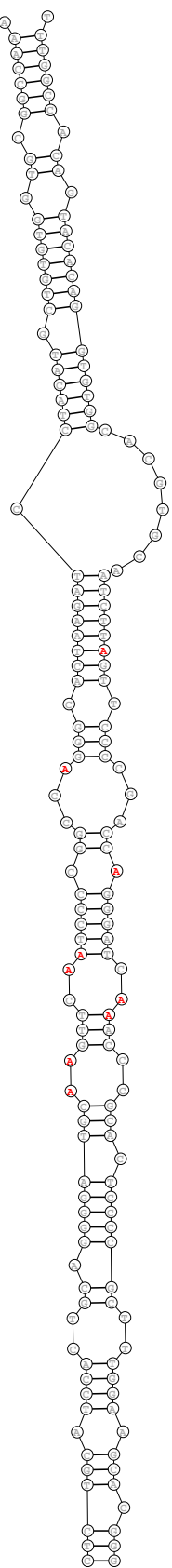
0.4 > SHAPE

No Data

ENERGY = -130.2 Chr29:42893624-4289...

MAP2K2

Strands Chr7:21141716-21141795
and Chr7:21142591-21142677



SHAPE ≥ 0.85

165

0.85 > SHAPE ≥ 0.4

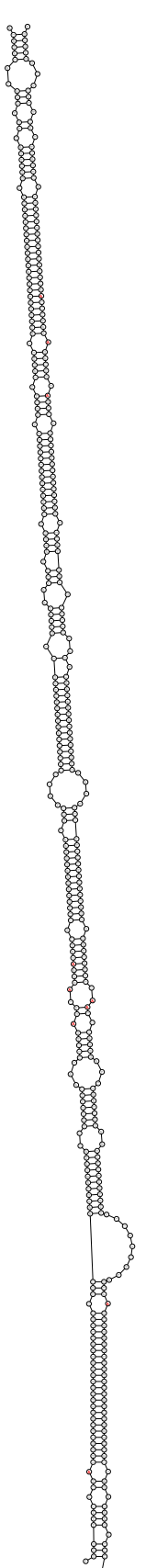
0.4 > SHAPE

No Data

ENERGY = -82.9 Chr7:21141716-211417...

MARC1 part A

Strands Chr16:24990488-24990697
and Chr16:24991201-24991420



SHAPE >= 0.85

166

0.85 > SHAPE >= 0.4

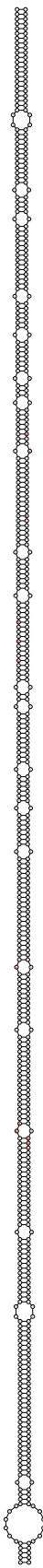
0.4 > SHAPE

No Data

ENERGY = -297.8 Chr16:24990488-2499...

MARC1 part B

Strands Chr16:24990382-24990682
and Chr16:24991975-24992275



SHAPE >= 0.85

167

0.85 > SHAPE >= 0.4

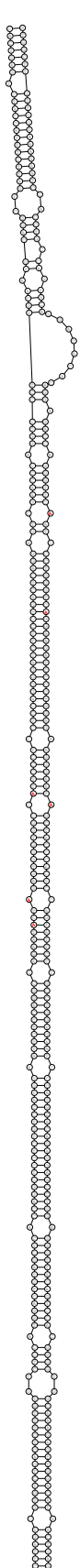
0.4 > SHAPE

No Data

ENERGY = -514.3 Chr16:24990382-2499...

MARC1 part C

Strands Chr16:24991974-24992157
and Chr16:24993688-24993880



SHAPE >= 0.85

168

0.85 > SHAPE >= 0.4

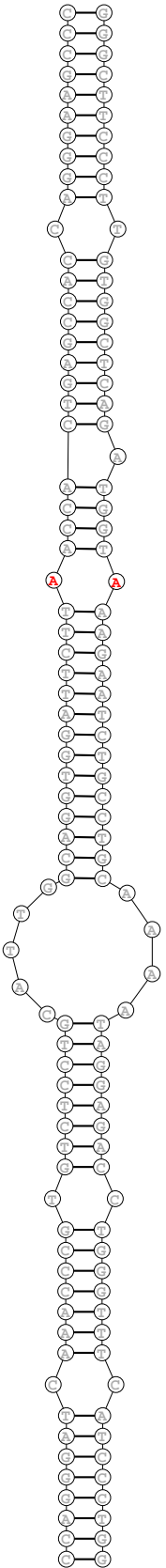
0.4 > SHAPE

No Data

ENERGY = -291.3 Chr16:24991974-2499...

MARC1 part D

Strands Chr16:24994709-24994777
and Chr16:24994825-24994893



SHAPE >= 0.85

169

0.85 > SHAPE >= 0.4

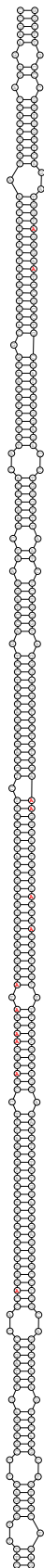
0.4 > SHAPE

No Data

ENERGY = -106.7 Chr16:24994709-2499...

MARCH2 part A

Strands Chr7:18269934-18270111
and Chr7:18271996-18272171



SHAPE >= 0.85

170

0.85 > SHAPE >= 0.4

0.4 > SHAPE

No Data

ENERGY = -284.7 Chr7:18269934-18270...

MARCH2 part B

Strands Chr7:18271397-18271493
and Chr7:18272208-18272303



SHAPE >= 0.85

171

0.85 > SHAPE >= 0.4

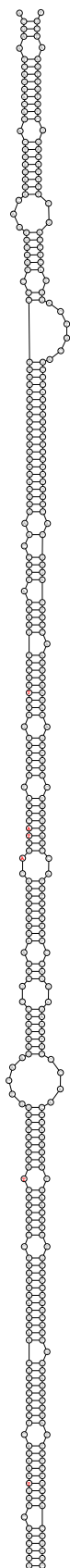
0.4 > SHAPE

No Data

ENERGY = -141.8 Chr7:18271397-18271...

MCC

Strands Chr10:930119-930297
and Chr10:930682-930863



SHAPE >= 0.85

172

0.85 > SHAPE >= 0.4

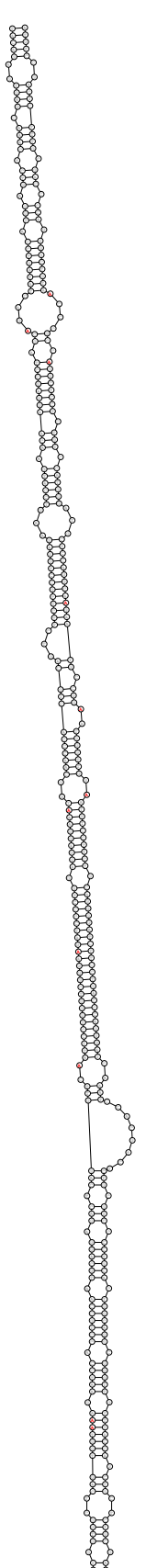
0.4 > SHAPE

No Data

ENERGY = -253.2 Chr10:930119-930297...

ME3

Strands Chr29:9165156-9165335
and Chr29:9166169-9166357



SHAPE >= 0.85

173

0.85 > SHAPE >= 0.4

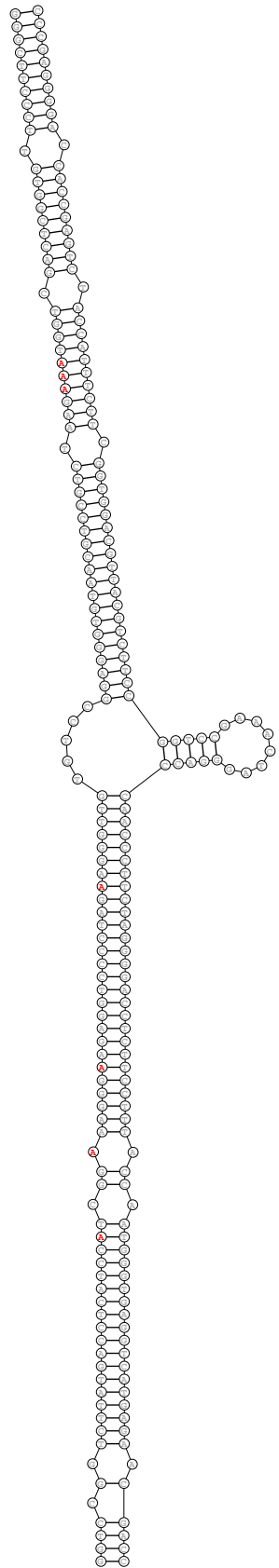
0.4 > SHAPE

No Data

ENERGY = -230.8 Chr29:9165156-91653...

METTL23 part A

Strands Chr19:55672337-55672448
and Chr19:55673113-55673236



SHAPE >= 0.85

174

0.85 > SHAPE >= 0.4

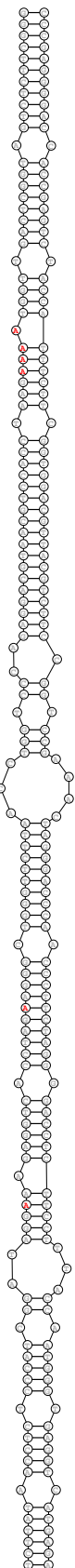
0.4 > SHAPE

No Data

ENERGY = -181.8 Chr19:55672337-5567...

METTL23 part B

Strands Chr19:55672450-55672568
and Chr19:55673113-55673230



SHAPE >= 0.85

175

0.85 > SHAPE >= 0.4

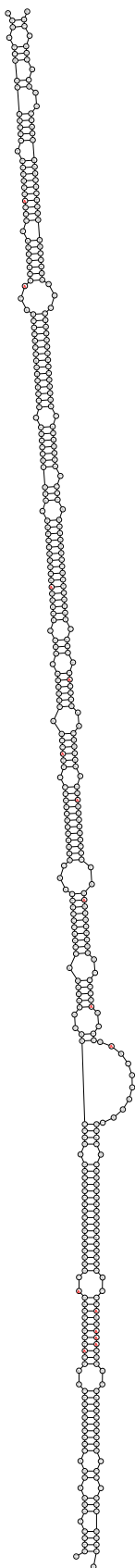
0.4 > SHAPE

No Data

ENERGY = -164.6 Chr19:55672450-5567...

MOCS1

Strands Chr23:13823944-13824136
and Chr23:13824740-13824944



SHAPE >= 0.85

176

0.85 > SHAPE >= 0.4

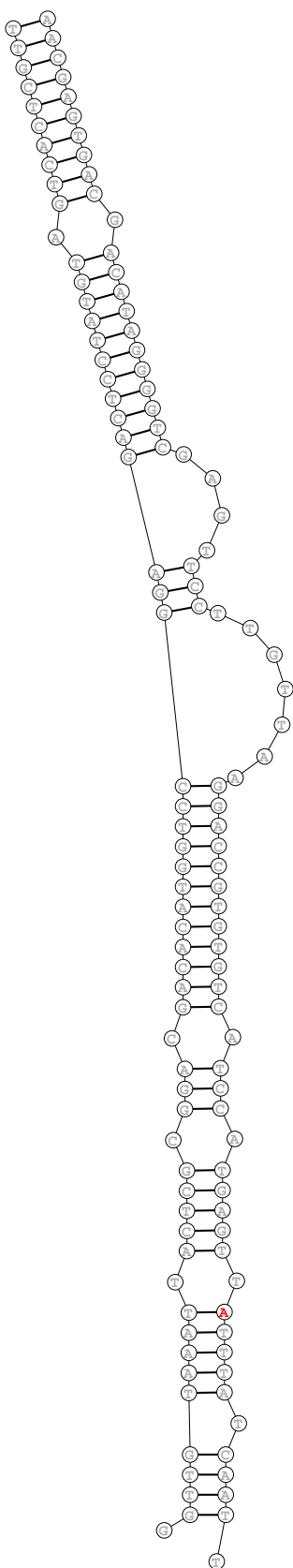
0.4 > SHAPE

No Data

ENERGY = -275.0 Chr23:13823944-1382...

MPND

Strands Chr7:20954514-20954571
and Chr7:20955082-20955151



SHAPE \geq 0.85

177

0.85 > SHAPE \geq 0.4

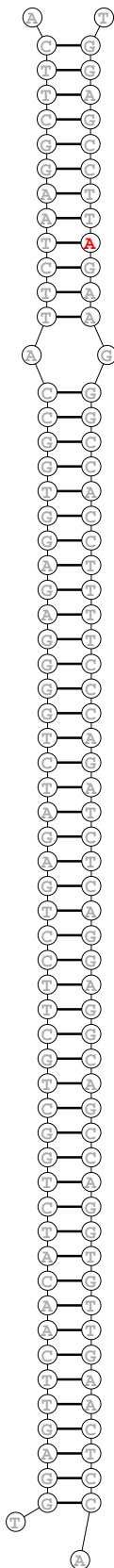
0.4 > SHAPE

No Data

ENERGY = -73.0 Chr7:20954514-209545...

MPST

Strands Chr5:75824386-75824446
and Chr5:75824917-75824977



SHAPE >= 0.85

178

0.85 > SHAPE >= 0.4

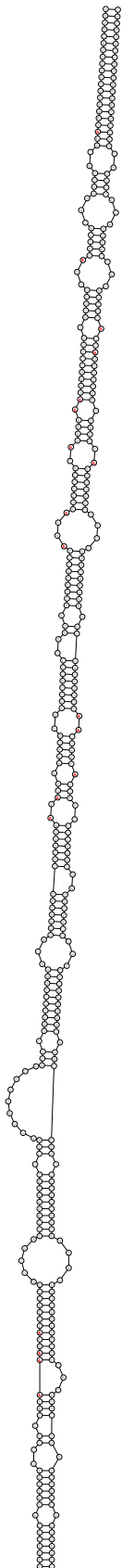
0.4 > SHAPE

No Data

ENERGY = -119.6 Chr5:75824386-75824...

MRPL51

Strands Chr5:104275489-104275689
and Chr5:104276194-104276385



SHAPE ≥ 0.85

179

0.85 > SHAPE ≥ 0.4

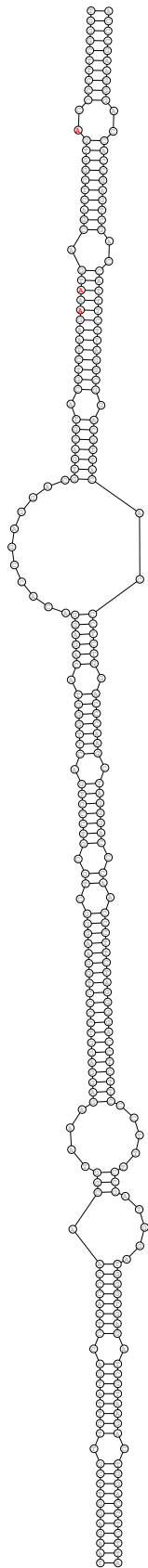
0.4 > SHAPE

No Data

ENERGY = -235.7 Chr5:104275489-1042...

MRPS18A

Strands Chr23:17160598-17160735
and Chr23:17160832-17160966



SHAPE >= 0.85

180

0.85 > SHAPE >= 0.4

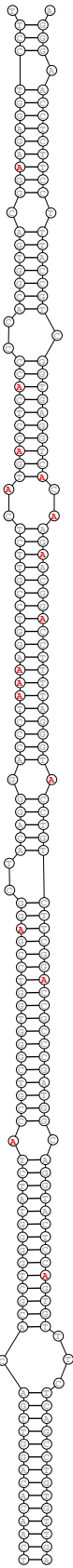
0.4 > SHAPE

No Data

ENERGY = -186.7 Chr23:17160598-1716...

MTG1

Strands Chr26:25824130-25824239
and Chr26:25825039-25825148



SHAPE \geq 0.85

181

0.85 > SHAPE \geq 0.4

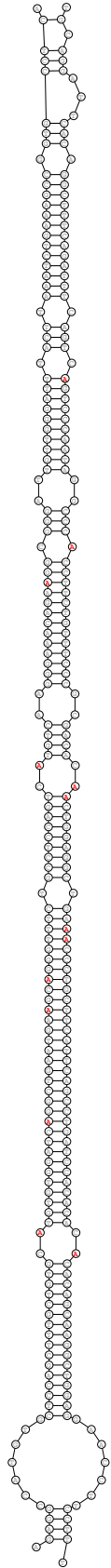
0.4 > SHAPE

No Data

ENERGY = -178.2 Chr26:25824130-2582...

MTSS1 part A

Strands Chr14:17121347-17121482
and Chr14:17122640-17122779



SHAPE \geq 0.85

182

0.85 > SHAPE \geq 0.4

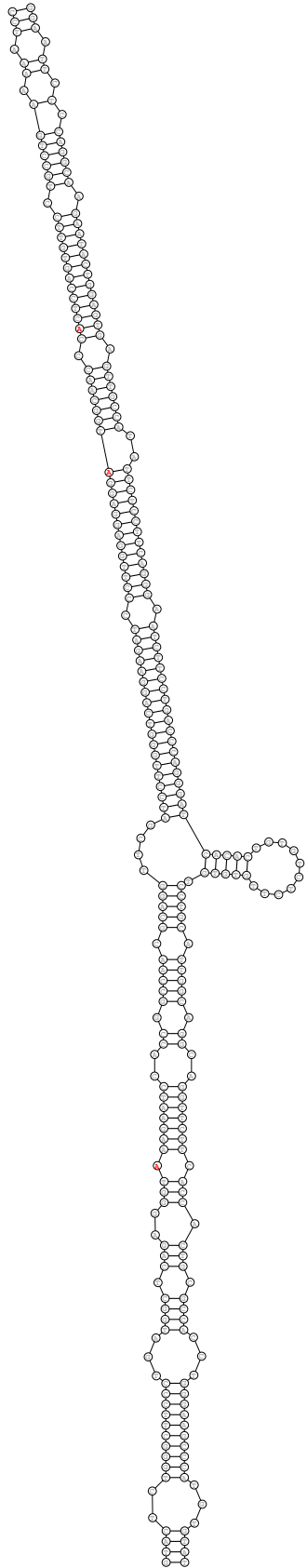
0.4 > SHAPE

No Data

ENERGY = -202.3 Chr14:17121347-1712...

MTSS1 part B

Strands Chr14:17127440-17127568
and Chr14:17127745-17127893



SHAPE \geq 0.85

183

0.85 > SHAPE \geq 0.4

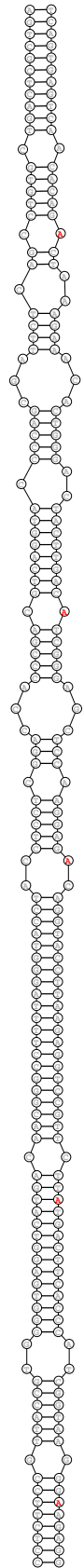
0.4 > SHAPE

No Data

ENERGY = -174.9 Chr14:17127440-1712...

NDUFA6

Strands Chr5:113571696-113571810
and Chr5:113572733-113572849



SHAPE \geq 0.85

184

0.85 > SHAPE \geq 0.4

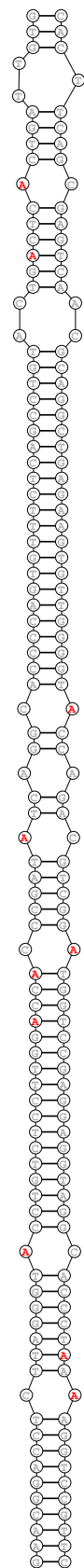
0.4 > SHAPE

No Data

ENERGY = -156.5 Chr5:113571696-1135...

NHLRC3

Strands Chr12:23232517-23232605
and Chr12:23233943-23234030



SHAPE \geq 0.85

185

0.85 > SHAPE \geq 0.4

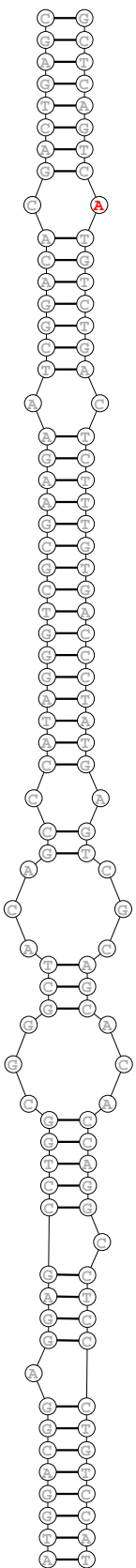
0.4 > SHAPE

No Data

ENERGY = -125.2 Chr12:23232517-2323...

NMI

Strands Chr2:44940775-44940837
and Chr2:44948925-44948987



SHAPE >= 0.85

186

0.85 > SHAPE >= 0.4

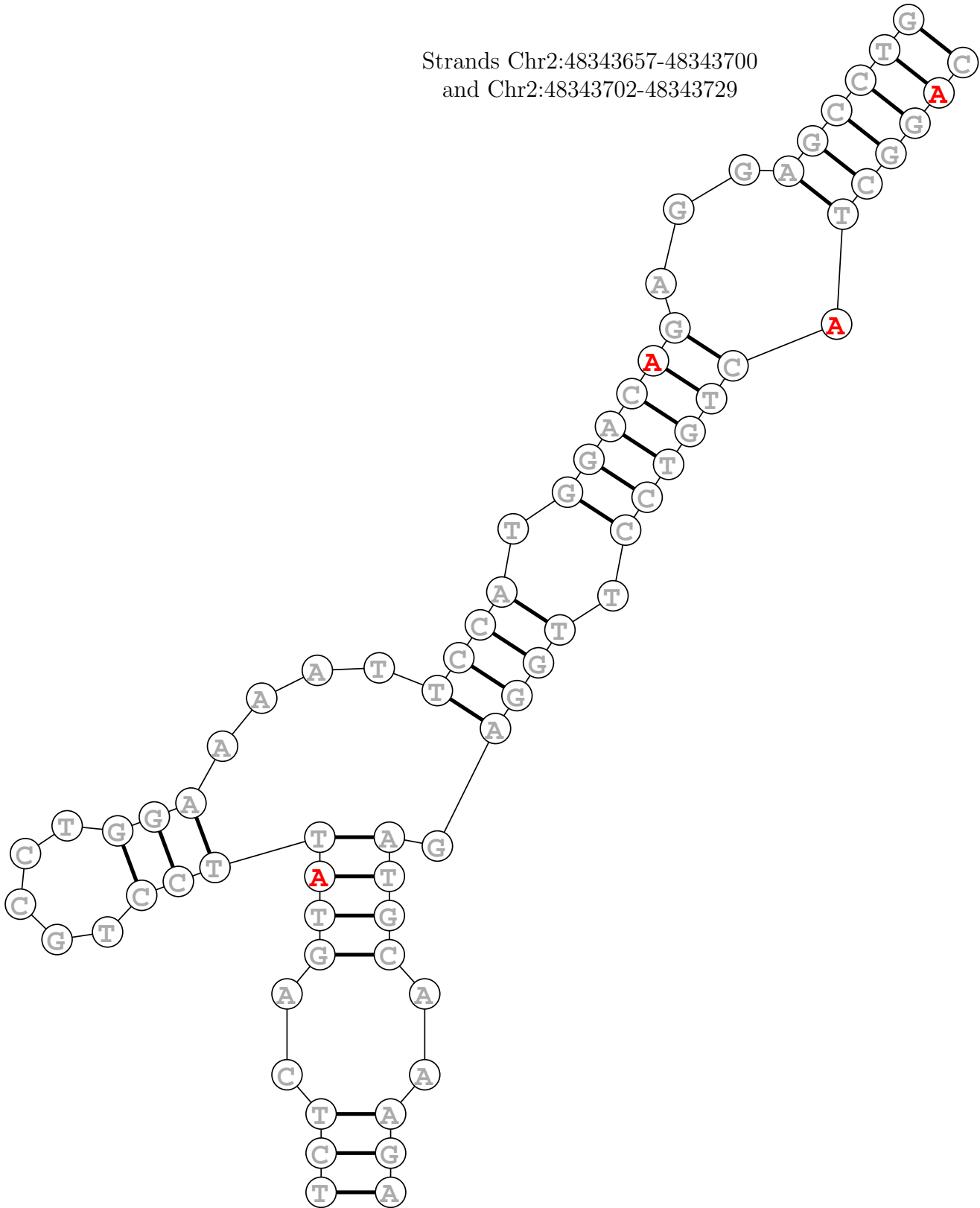
0.4 > SHAPE

No Data

ENERGY = -88.1 Chr2:44940775-449408...

ORC4

Strands Chr2:48343657-48343700
and Chr2:48343702-48343729



SHAPE >= 0.85

187

0.85 > SHAPE >= 0.4

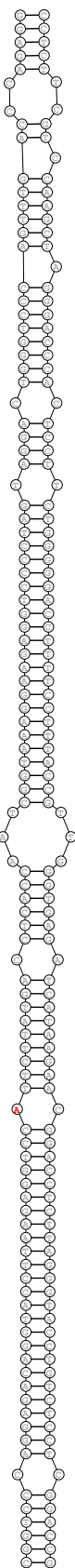
0.4 > SHAPE

No Data

ENERGY = -29.5 Chr2:48343657-483437...

OSTC

Strands Chr6:17796764-17796867
and Chr6:17797008-17797113



SHAPE >= 0.85

188

0.85 > SHAPE >= 0.4

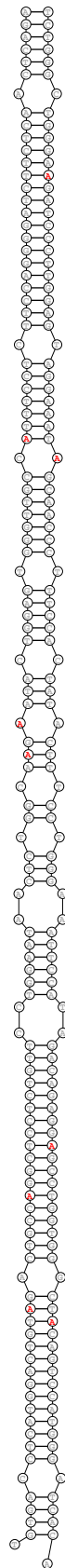
0.4 > SHAPE

No Data

ENERGY = -171.9 Chr6:17796764-17796...

PAIP2

Strands Chr7:52263913-52264023
and Chr7:52265039-52265149



SHAPE \geq 0.85

189

0.85 > SHAPE \geq 0.4

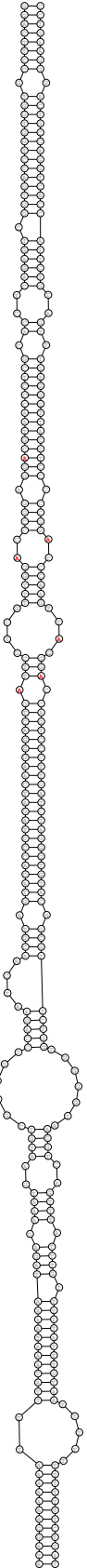
0.4 > SHAPE

No Data

ENERGY = -153.7 Chr7:52263913-52264...

PANK2 part A

Strands Chr13:51741616-51741768
and Chr13:51741838-51741990



SHAPE \geq 0.85

190

0.85 > SHAPE \geq 0.4

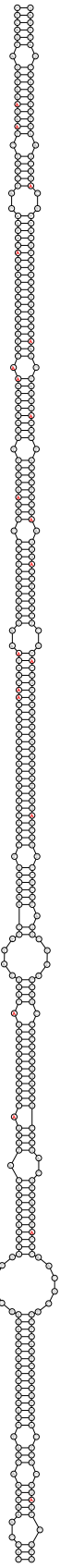
0.4 > SHAPE

No Data

ENERGY = -176.8 Chr13:51741616-5174...

PANK2 part B

Strands Chr13:51750005-51750195
and Chr13:51751019-51751209



SHAPE >= 0.85

191

0.85 > SHAPE >= 0.4

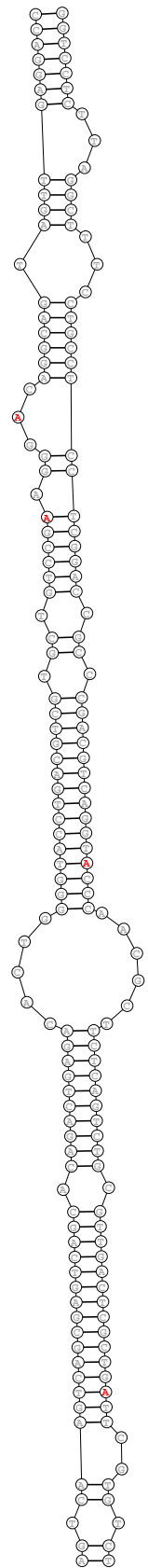
0.4 > SHAPE

No Data

ENERGY = -286.6 Chr13:51750005-5175...

PANK2 part C

Strands Chr13:51750291-51750375
and Chr13:51751124-51751212



SHAPE \geq 0.85

192

0.85 > SHAPE \geq 0.4

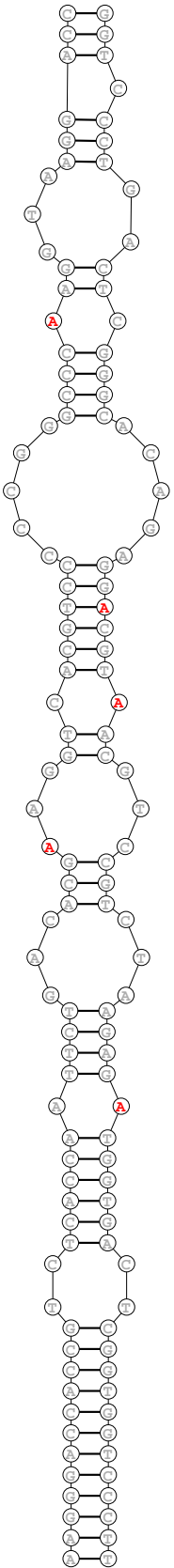
0.4 > SHAPE

No Data

ENERGY = -116.5 Chr13:51750291-5175...

PAOX

Strands Chr26:25830243-25830306
and Chr26:25830970-25831033



SHAPE >= 0.85

193

0.85 > SHAPE >= 0.4

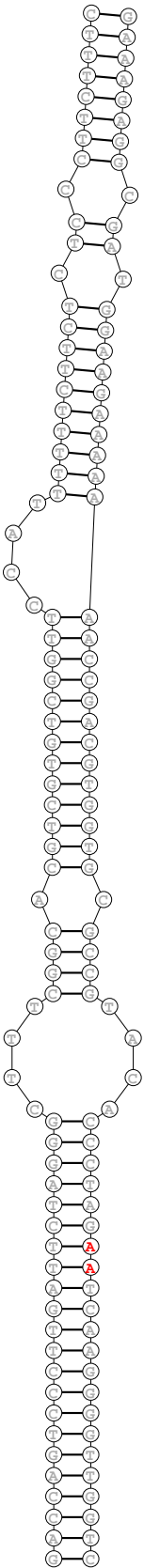
0.4 > SHAPE

No Data

ENERGY = -70.5 Chr26:25830243-25830...

PCSK7

Strands Chr15:28329722-28329791
and Chr15:28330294-28330359



SHAPE \geq 0.85

194

0.85 > SHAPE \geq 0.4

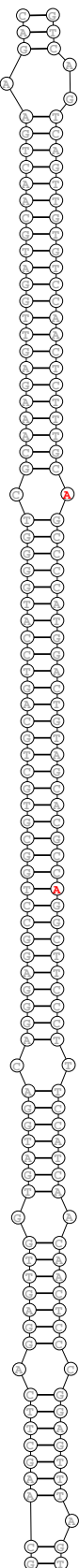
0.4 > SHAPE

No Data

ENERGY = -81.9 Chr15:28329722-28329...

PDCD4

Strands Chr26:31726876-31726960
and Chr26:31728252-31728338



SHAPE >= 0.85

195

0.85 > SHAPE >= 0.4

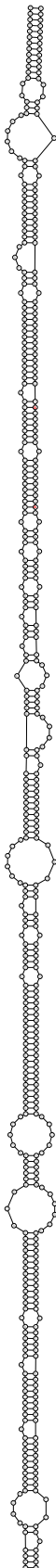
0.4 > SHAPE

No Data

ENERGY = -145.3 Chr26:31726876-3172...

PEX11G part A

Strands Chr7:17574059-17574287
and Chr7:17575082-17575302



SHAPE >= 0.85

197

0.85 > SHAPE >= 0.4

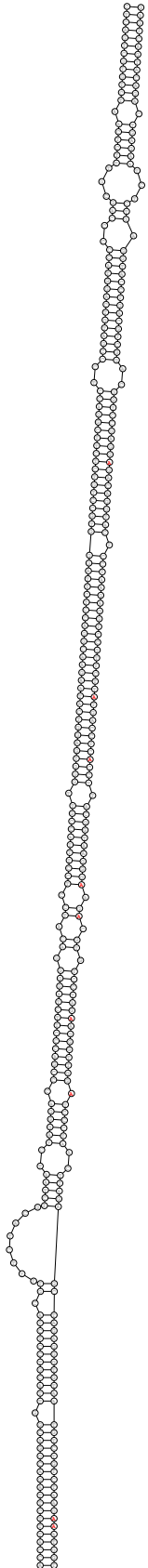
0.4 > SHAPE

No Data

ENERGY = -284.9 Chr7:17574059-17574...

PEX11G part B

Strands Chr7:17576651-17576835
and Chr7:17577728-17577902



SHAPE >= 0.85

198

0.85 > SHAPE >= 0.4

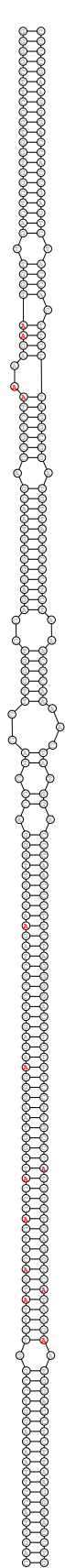
0.4 > SHAPE

No Data

ENERGY = -274.5 Chr7:17576651-17576...

PEX6

Strands Chr23:16581574-16581714
and Chr23:16583161-16583301



SHAPE >= 0.85

199

0.85 > SHAPE >= 0.4

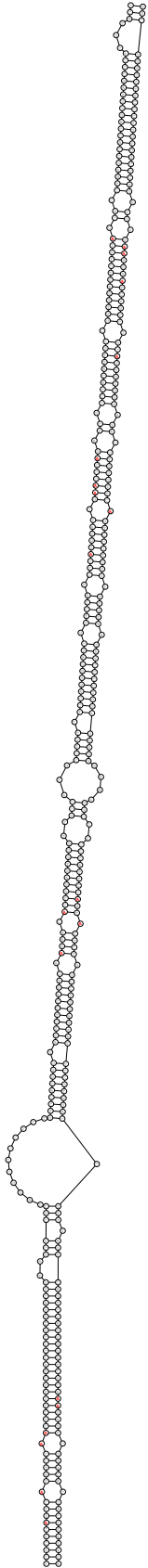
0.4 > SHAPE

No Data

ENERGY = -247.6 Chr23:16581574-1658...

PFKFB2

Strands Chr16:4746998-4747203
and Chr16:4747307-4747497



SHAPE >= 0.85

200

0.85 > SHAPE >= 0.4

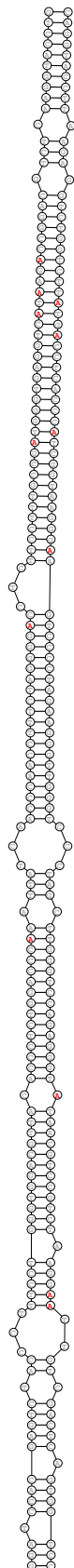
0.4 > SHAPE

No Data

ENERGY = -310.1 Chr16:4746998-47472...

PGPEP1

Strands Chr7:4764446-4764577
and Chr7:4765247-4765375



SHAPE \geq 0.85

201

0.85 > SHAPE \geq 0.4

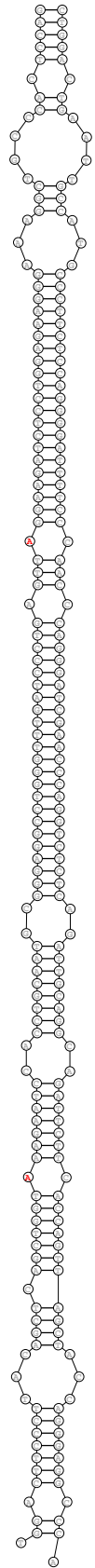
0.4 > SHAPE

No Data

ENERGY = -202.6 Chr7:4764446-476457...

PHF11 part B

Strands Chr12:19179849-19179961
and Chr12:19180252-19180363



SHAPE >= 0.85

203

0.85 > SHAPE >= 0.4

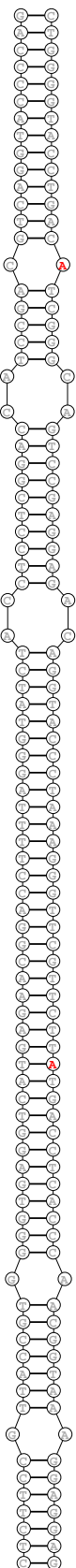
0.4 > SHAPE

No Data

ENERGY = -156.9 Chr12:19179849-1917...

PIGS

Strands Chr19:20575187-20575272
and Chr19:20576148-20576233



SHAPE \geq 0.85

204

0.85 > SHAPE \geq 0.4

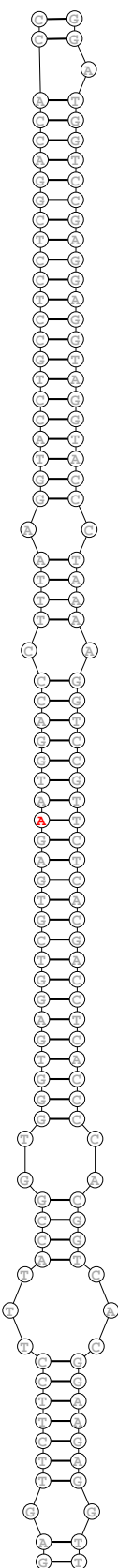
0.4 > SHAPE

No Data

ENERGY = -147.7 Chr19:20575187-2057...

PIGZ

Strands Chr1:72028465-72028535
and Chr1:72029241-72029312



SHAPE >= 0.85

205

0.85 > SHAPE >= 0.4

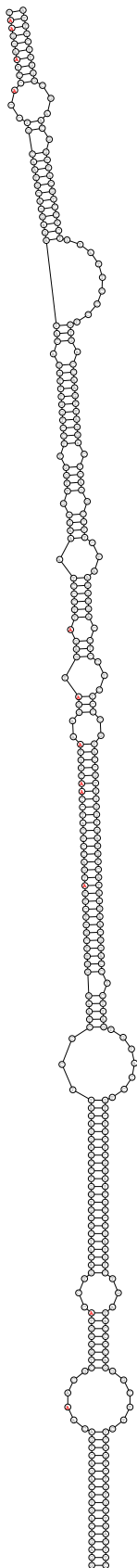
0.4 > SHAPE

No Data

ENERGY = -117.7 Chr1:72028465-72028...

PLIN1

Strands Chr21:21503244-21503408
and Chr21:21503677-21503860



SHAPE >= 0.85

206

0.85 > SHAPE >= 0.4

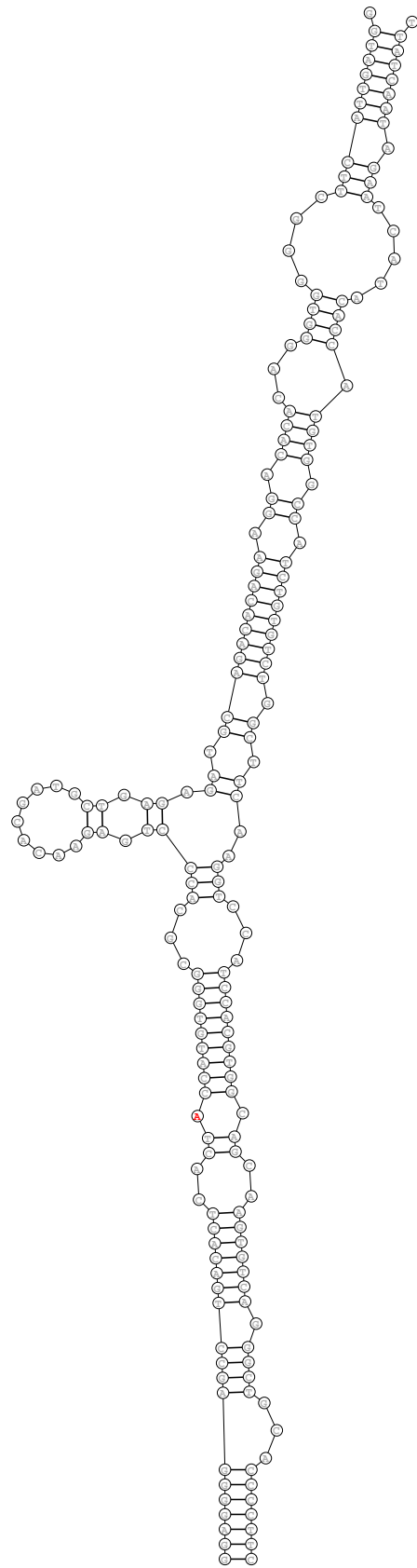
0.4 > SHAPE

No Data

ENERGY = -226.1 Chr21:21503244-2150...

PLIN3 part A

Strands Chr7:20520829-20520930
and Chr7:20522101-20522189



SHAPE \geq 0.85

207

0.85 > SHAPE \geq 0.4

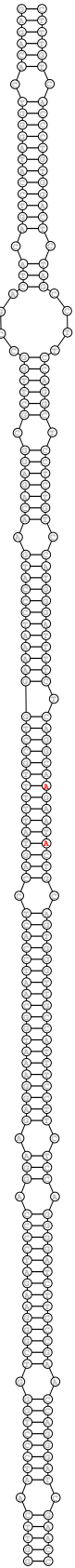
0.4 > SHAPE

No Data

ENERGY = -85.9 Chr7:20520829-205209...

PLIN3 part B

Strands Chr7:20520071-20520193
and Chr7:20523275-20523398



SHAPE >= 0.85

208

0.85 > SHAPE >= 0.4

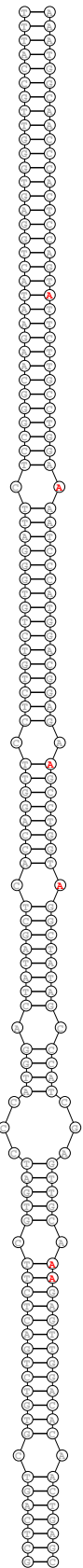
0.4 > SHAPE

No Data

ENERGY = -191.6 Chr7:20520071-20520...

PMPCB part A

Strands Chr4:44780819-44780921
and Chr4:44782250-44782352



SHAPE >= 0.85

209

0.85 > SHAPE >= 0.4

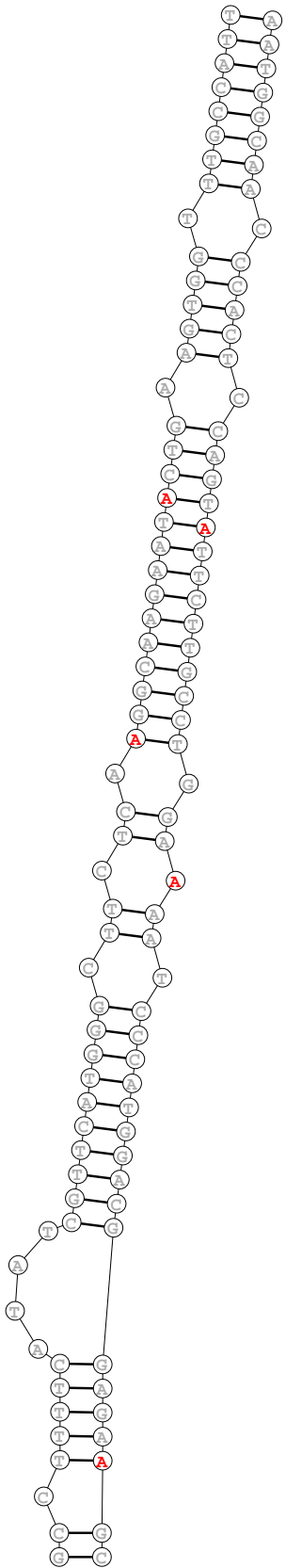
0.4 > SHAPE

No Data

ENERGY = -158.6 Chr4:44780819-44780...

PMPCB part B

Strands Chr4:44781847-44781904
and Chr4:44782251-44782303



SHAPE \geq 0.85

210

0.85 > SHAPE \geq 0.4

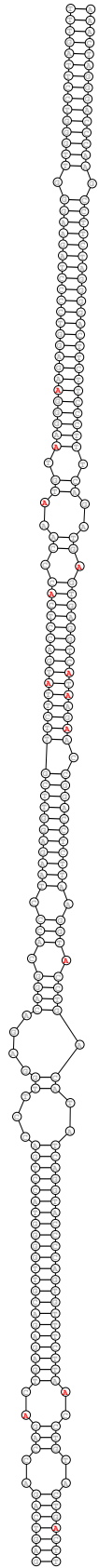
0.4 > SHAPE

No Data

ENERGY = -65.4 Chr4:44781847-447819...

PNPLA3 part A

Strands Chr5:114968741-114968867
and Chr5:114969615-114969738



SHAPE \geq 0.85

211

0.85 > SHAPE \geq 0.4

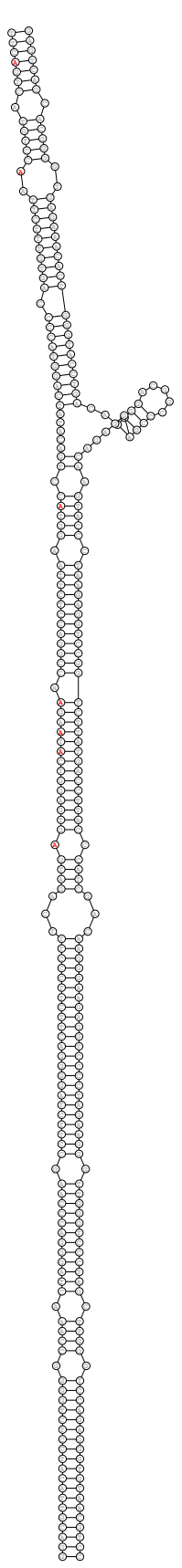
0.4 > SHAPE

No Data

ENERGY = -178.5 Chr5:114968741-1149...

PNPLA3 part B

Strands Chr5:114969593-114969738
and Chr5:114970442-114970600



SHAPE >= 0.85

212

0.85 > SHAPE >= 0.4

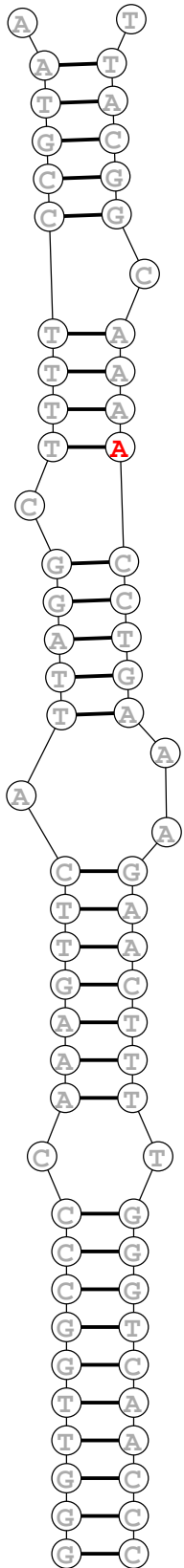
0.4 > SHAPE

No Data

ENERGY = -234.5 Chr5:114969593-1149...

PODNL1

Strands Chr7:12870320-12870354
and Chr7:12870359-12870394



SHAPE >= 0.85

213

0.85 > SHAPE >= 0.4

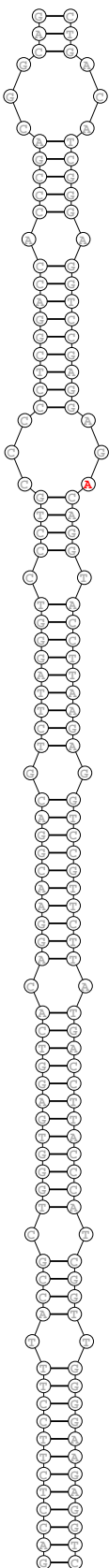
0.4 > SHAPE

No Data

ENERGY = -40.6 Chr7:12870320-128703...

PPAT

Strands Chr6:73456717-73456796
and Chr6:73457087-73457166



SHAPE ≥ 0.85

215

0.85 > SHAPE ≥ 0.4

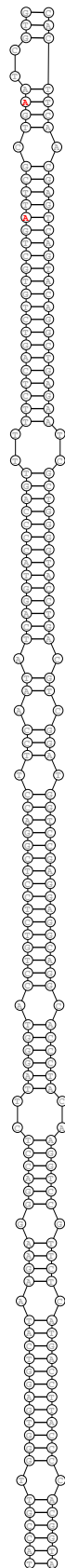
0.4 > SHAPE

No Data

ENERGY = -121.1 Chr6:73456717-73456...

PPT2

Strands Chr23:27029439-27029549
and Chr23:27029762-27029870



SHAPE >= 0.85

216

0.85 > SHAPE >= 0.4

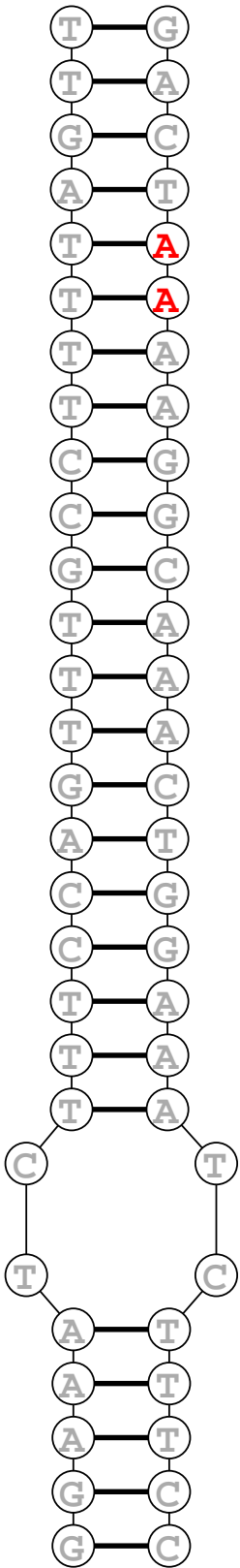
0.4 > SHAPE

No Data

ENERGY = -172.6 Chr23:27029439-2702...

PSAT1

Strands Chr8:54529216-54529243
and Chr8:54529246-54529273



SHAPE >= 0.85

217

0.85 > SHAPE >= 0.4

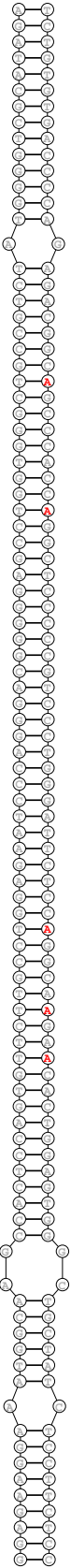
0.4 > SHAPE

No Data

ENERGY = -36.7 Chr8:54529216-545292...

PSPC1 part A

Strands Chr12:36575192-36575285
and Chr12:36576164-36576257



SHAPE >= 0.85

218

0.85 > SHAPE >= 0.4

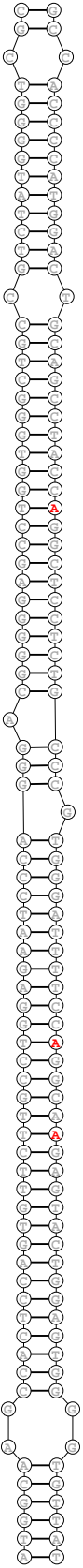
0.4 > SHAPE

No Data

ENERGY = -200.0 Chr12:36575192-3657...

PSPC1 part B

Strands Chr12:36575202-36575280
and Chr12:36576313-36576391



SHAPE \geq 0.85

219

0.85 > SHAPE \geq 0.4

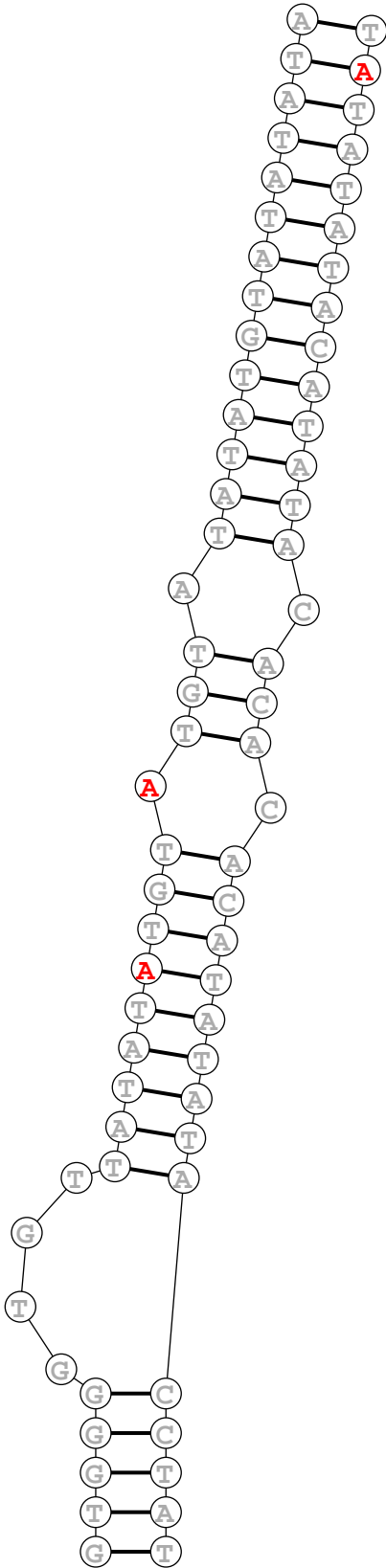
0.4 > SHAPE

No Data

ENERGY = -140.5 Chr12:36575202-3657...

PSPC1 part C

Strands Chr12:36576380-36576416
and Chr12:36576445-36576477



SHAPE >= 0.85

220

0.85 > SHAPE >= 0.4

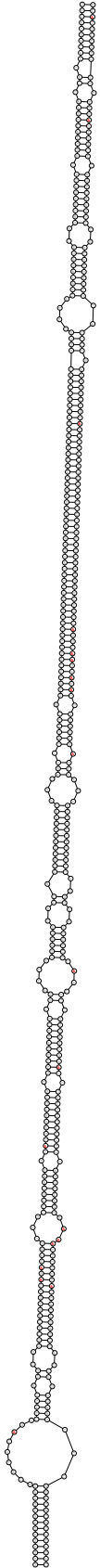
0.4 > SHAPE

No Data

ENERGY = -28.2 Chr12:36576380-36576...

PTK2B

Strands Chr8:75838533-75838769
and Chr8:75838780-75839009



SHAPE >= 0.85

222

0.85 > SHAPE >= 0.4

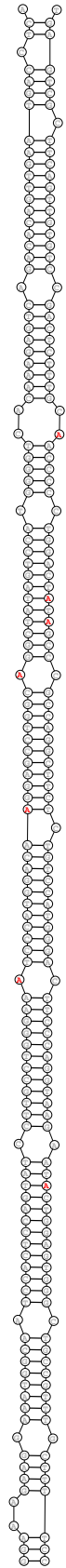
0.4 > SHAPE

No Data

ENERGY = -316.0 Chr8:75838533-75838...

RAB12

Strands Chr24:41533758-41533876
and Chr24:41534945-41535062



SHAPE \geq 0.85

223

0.85 > SHAPE \geq 0.4

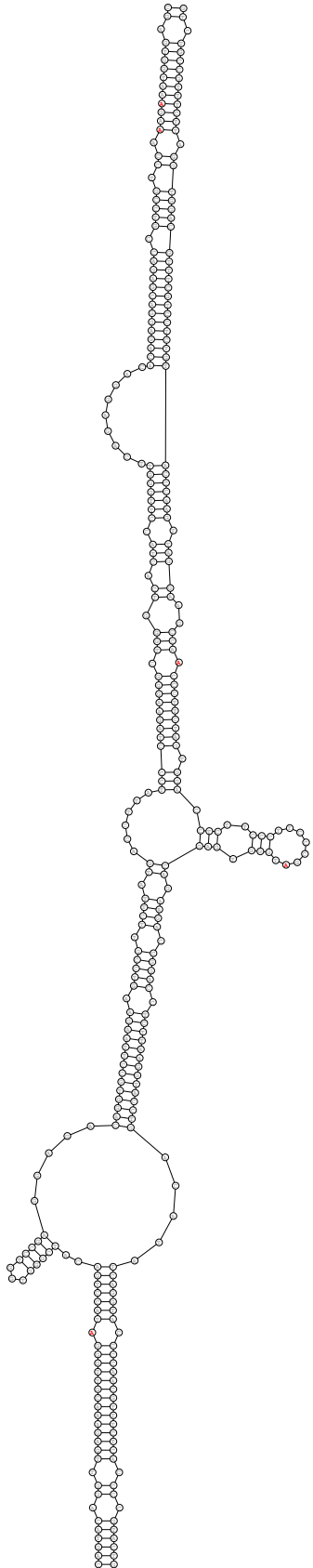
0.4 > SHAPE

No Data

ENERGY = -179.3 Chr24:41533758-4153...

RAB18 part A

Strands Chr13:37329529-37329692
and Chr13:37330279-37330435



SHAPE ≥ 0.85

224

0.85 > SHAPE ≥ 0.4

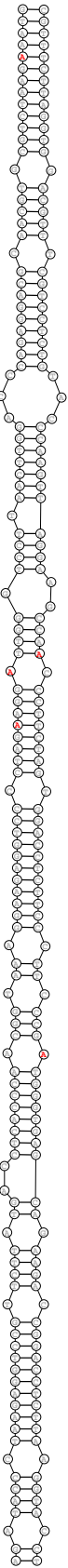
0.4 > SHAPE

No Data

ENERGY = -179.6 Chr13:37329529-3732...

RAB18 part B

Strands Chr13:37329804-37329918
and Chr13:37330285-37330397



SHAPE \geq 0.85

225

0.85 > SHAPE \geq 0.4

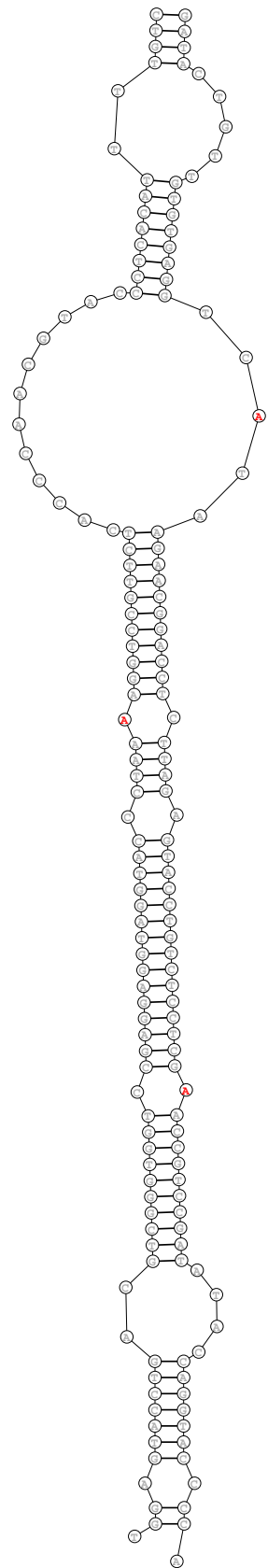
0.4 > SHAPE

No Data

ENERGY = -144.7 Chr13:37329804-3732...

RAB3IP

Strands Chr5:43897009-43897090
and Chr5:43897424-43897503



SHAPE \geq 0.85

226

0.85 > SHAPE \geq 0.4

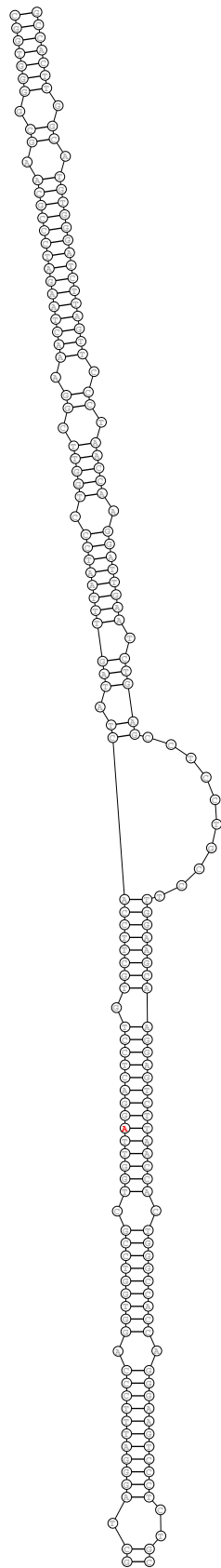
0.4 > SHAPE

No Data

ENERGY = -86.6 Chr5:43897009-438970...

RAD51D

Strands Chr19:15300628-15300725
and Chr19:15301239-15301346



SHAPE \geq 0.85

227

0.85 > SHAPE \geq 0.4

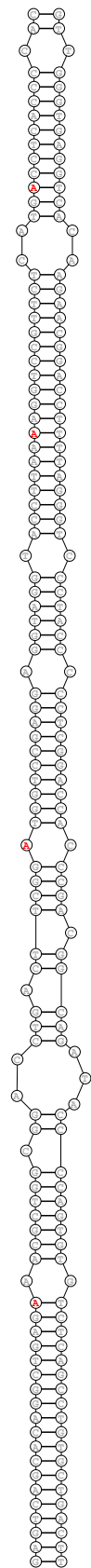
0.4 > SHAPE

No Data

ENERGY = -137.3 Chr19:15300628-1530...

RAMP3

Strands Chr4:77171367-77171462
and Chr4:77172835-77172930



SHAPE >= 0.85

228

0.85 > SHAPE >= 0.4

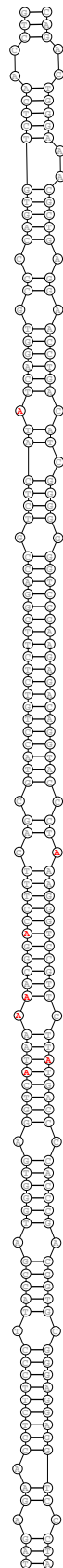
0.4 > SHAPE

No Data

ENERGY = -152.8 Chr4:77171367-77171...

RASSF4

Strands Chr28:44945642-44945747
and Chr28:44946668-44946775



SHAPE \geq 0.85

229

0.85 > SHAPE \geq 0.4

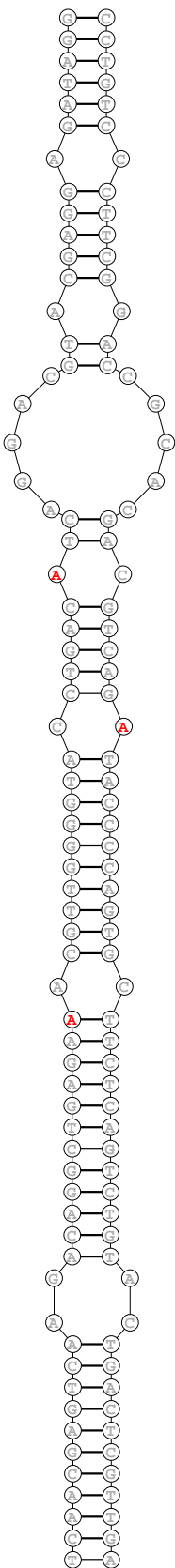
0.4 > SHAPE

No Data

ENERGY = -143.2 Chr28:44945642-4494...

RBL1

Strands Chr13:66624266-66624330
and Chr13:66624716-66624780



SHAPE >= 0.85

230

0.85 > SHAPE >= 0.4

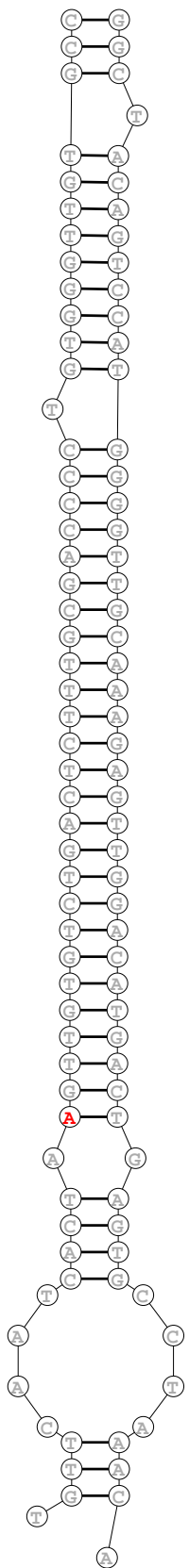
0.4 > SHAPE

No Data

ENERGY = -77.0 Chr13:66624266-66624...

RBM14 part B

Strands Chr29:45303477-45303528
and Chr29:45303798-45303849



SHAPE >= 0.85

232

0.85 > SHAPE >= 0.4

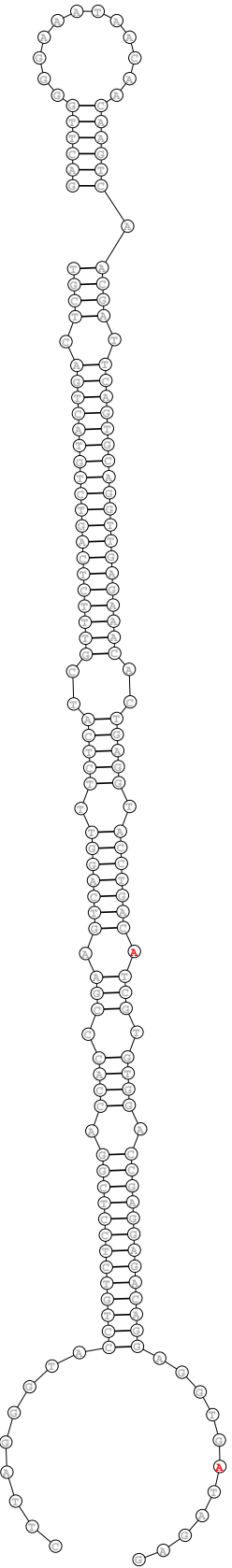
0.4 > SHAPE

No Data

ENERGY = -64.1 Chr29:45303477-45303...

RBP7

Strands Chr16:44427373-44427443
and Chr16:44427930-44428027



SHAPE \geq 0.85

233

0.85 > SHAPE \geq 0.4

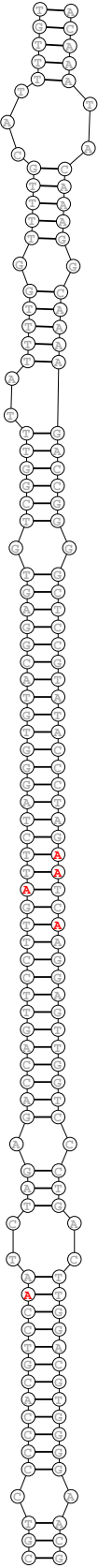
0.4 > SHAPE

No Data

ENERGY = -97.6 Chr16:44427373-44427...

RCHY1

Strands Chr6:92062308-92062389
and Chr6:92063145-92063223



SHAPE ≥ 0.85

234

0.85 > SHAPE ≥ 0.4

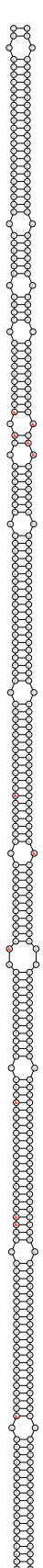
0.4 > SHAPE

No Data

ENERGY = -108.0 Chr6:92062308-92062...

RETSAT part A

Strands Chr11:49483509-49483697
and Chr11:49484802-49484990



SHAPE >= 0.85

235

0.85 > SHAPE >= 0.4

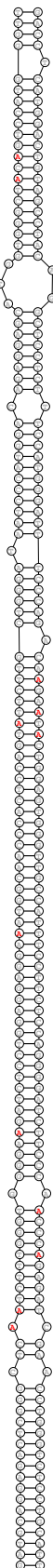
0.4 > SHAPE

No Data

ENERGY = -315.8 Chr11:49483509-4948...

RETSAT part B

Strands Chr11:49483532-49483662
and Chr11:49485209-49485339



SHAPE >= 0.85

236

0.85 > SHAPE >= 0.4

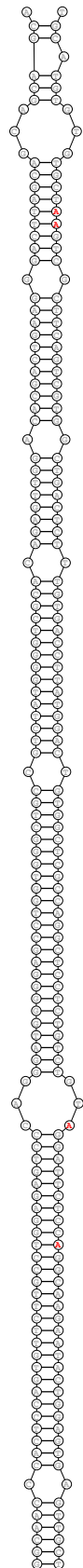
0.4 > SHAPE

No Data

ENERGY = -234.7 Chr11:49483532-4948...

RGCC

Strands Chr12:11631066-11631183
and Chr12:11631406-11631524



SHAPE >= 0.85

237

0.85 > SHAPE >= 0.4

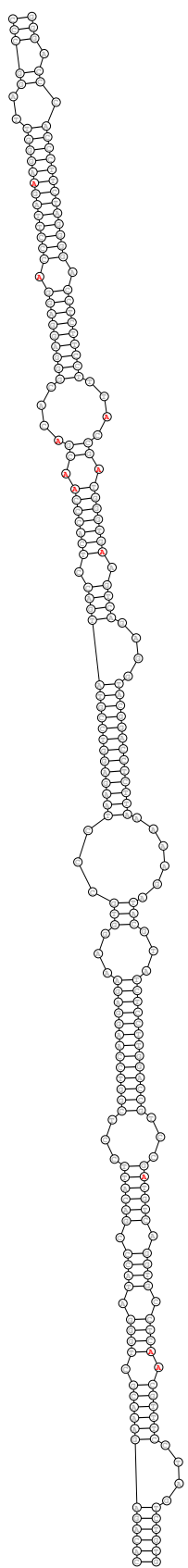
0.4 > SHAPE

No Data

ENERGY = -192.2 Chr12:11631066-1163...

RHBDF1 part A

Strands Chr25:123457-123572
and Chr25:123791-123917



SHAPE \geq 0.85

238

0.85 > SHAPE \geq 0.4

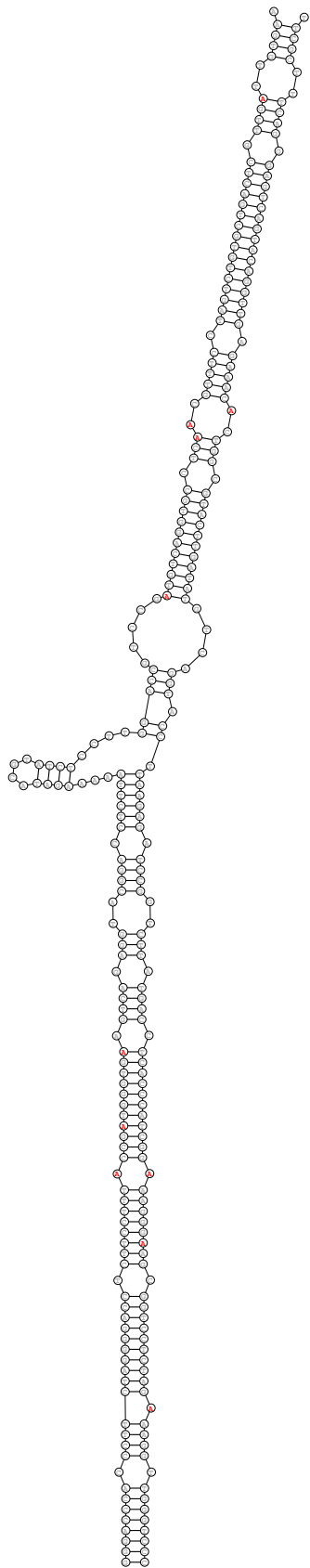
0.4 > SHAPE

No Data

ENERGY = -143.9 Chr25:123457-123572...

RHBDF1 part B

Strands Chr25:123791-123936
and Chr25:124152-124280



SHAPE >= 0.85

239

0.85 > SHAPE >= 0.4

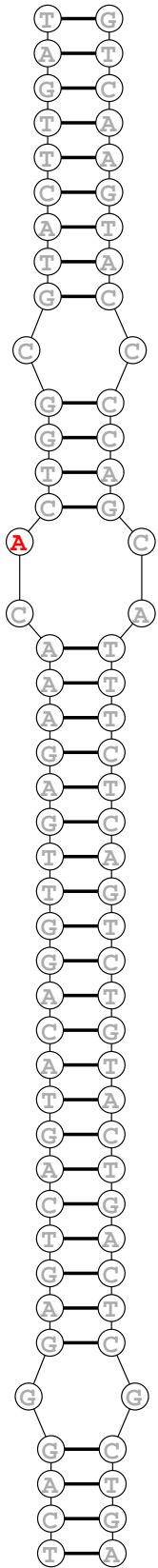
0.4 > SHAPE

No Data

ENERGY = -161.3 Chr25:123791-123936...

RHBDF1 part C

Strands Chr25:124159-124200
and Chr25:125356-125397



SHAPE >= 0.85

240

0.85 > SHAPE >= 0.4

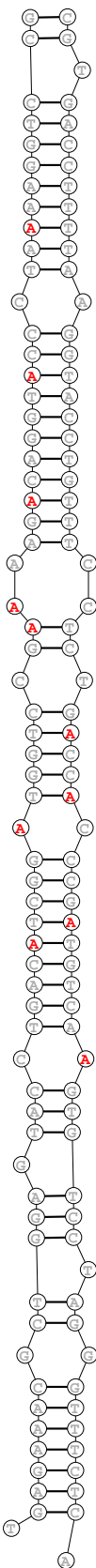
0.4 > SHAPE

No Data

ENERGY = -58.5 Chr25:124159-124200_...

RNASE4

Strands Chr10:26428235-26428296
and Chr10:26428769-26428831



SHAPE \geq 0.85

241

0.85 > SHAPE \geq 0.4

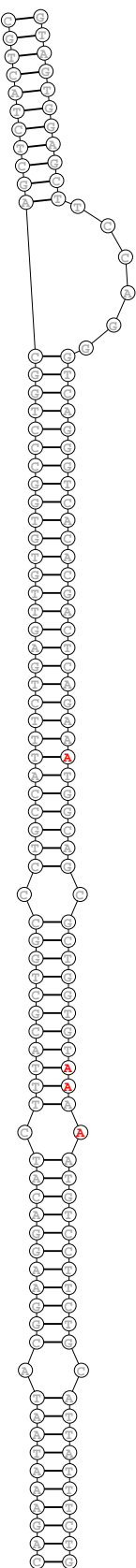
0.4 > SHAPE

No Data

ENERGY = -78.2 Chr10:26428235-26428...

RNF130

Strands Chr7:1202572-1202646
and Chr7:1203804-1203884



SHAPE ≥ 0.85

242

0.85 > SHAPE ≥ 0.4

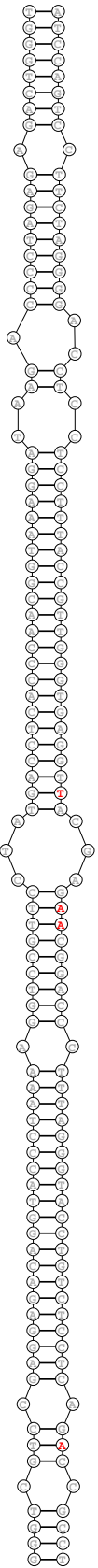
0.4 > SHAPE

No Data

ENERGY = -116.9 Chr7:1202572-120264...

RNF149

Strands Chr11:6205734-6205821
and Chr11:6206196-6206284



SHAPE >= 0.85

243

0.85 > SHAPE >= 0.4

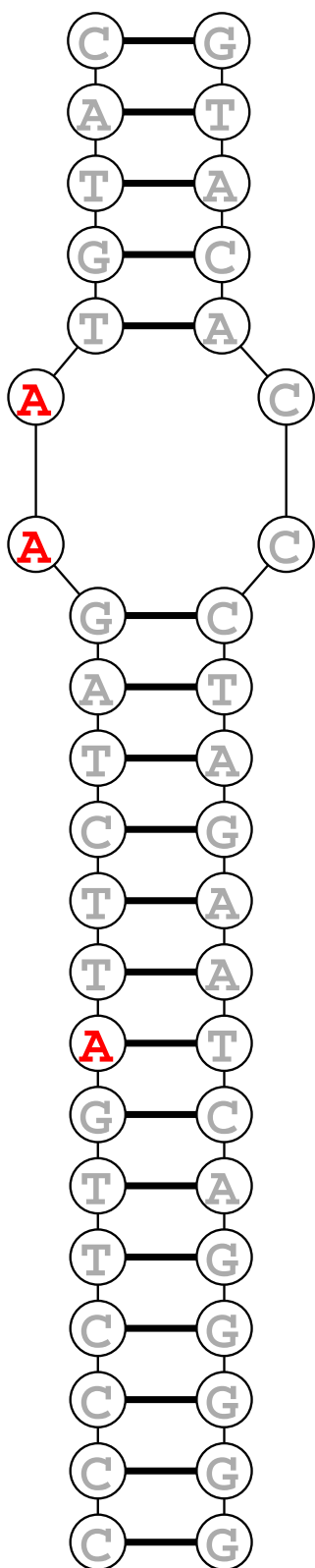
0.4 > SHAPE

No Data

ENERGY = -139.4 Chr11:6205734-62058...

RNF31

Strands Chr10:20829492-20829512
and Chr10:20829863-20829883



SHAPE >= 0.85

244

0.85 > SHAPE >= 0.4

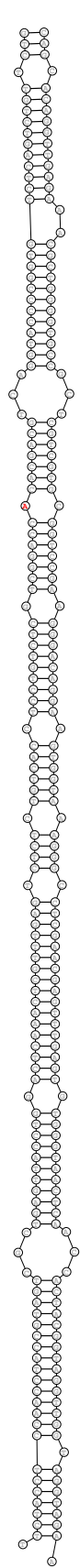
0.4 > SHAPE

No Data

ENERGY = -29.1 Chr10:20829492-20829...

RNF4 part A

Strands Chr6:108313731-108313853
and Chr6:108316780-108316905



SHAPE \geq 0.85

245

0.85 > SHAPE \geq 0.4

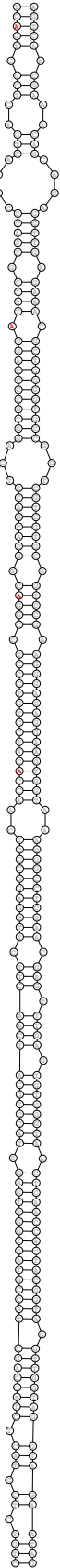
0.4 > SHAPE

No Data

ENERGY = -181.3 Chr6:108313731-1083...

RNF4 part B

Strands Chr6:108315802-108315941
and Chr6:108316769-108316908



SHAPE \geq 0.85

246

0.85 > SHAPE \geq 0.4

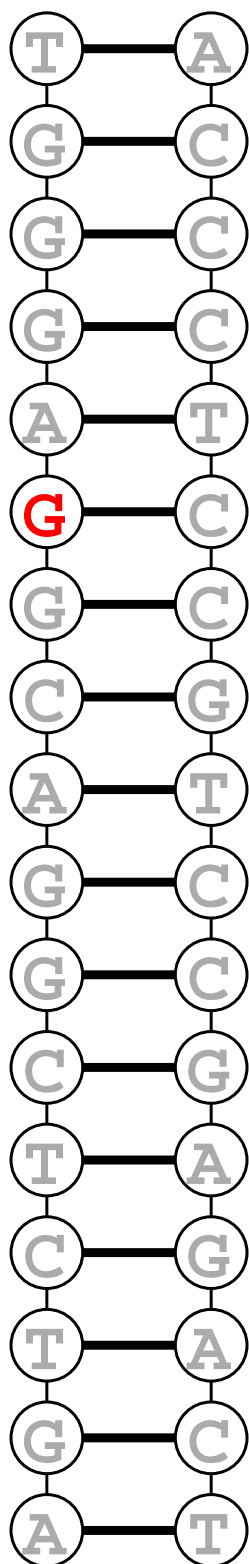
0.4 > SHAPE

No Data

ENERGY = -197.7 Chr6:108315802-1083...

RNF44

Strands Chr7:39353595-39353611
and Chr7:39353618-39353634



SHAPE >= 0.85

247

0.85 > SHAPE >= 0.4

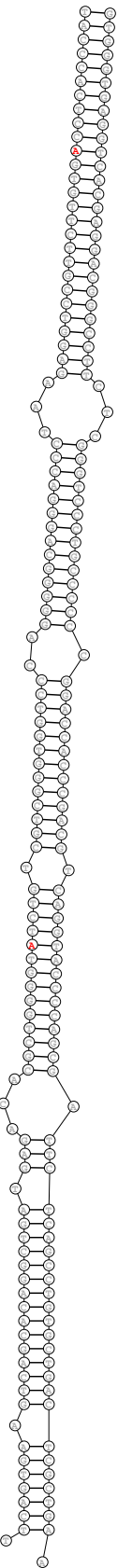
0.4 > SHAPE

No Data

ENERGY = -35.4 Chr7:39353595-393536...

RPAP2

Strands Chr3:51195752-51195856
and Chr3:51196947-51197046



SHAPE >= 0.85

248

0.85 > SHAPE >= 0.4

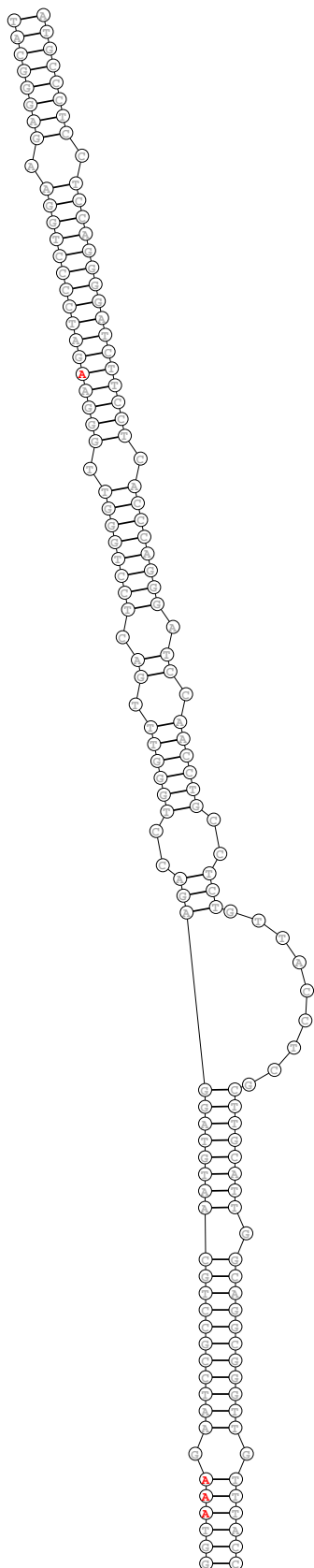
0.4 > SHAPE

No Data

ENERGY = -193.3 Chr3:51195752-51195...

RPS6KA4 part A

Strands Chr29:43277121-43277195
and Chr29:43278511-43278595



SHAPE \geq 0.85

249

0.85 > SHAPE \geq 0.4

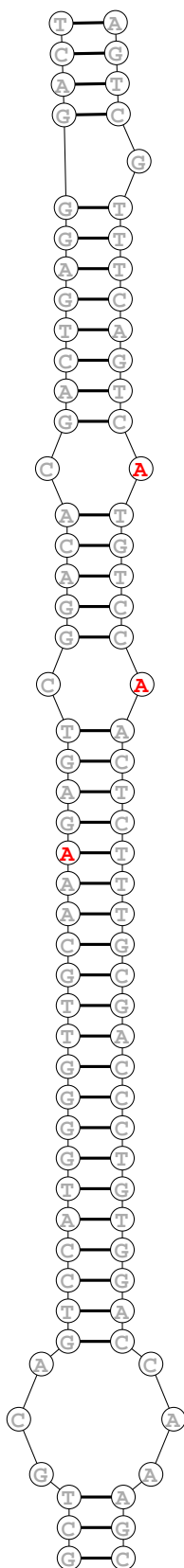
0.4 > SHAPE

No Data

ENERGY = -110.2 Chr29:43277121-4327...

RPS6KA4 part B

Strands Chr29:43278317-43278362
and Chr29:43278406-43278452



SHAPE >= 0.85

250

0.85 > SHAPE >= 0.4

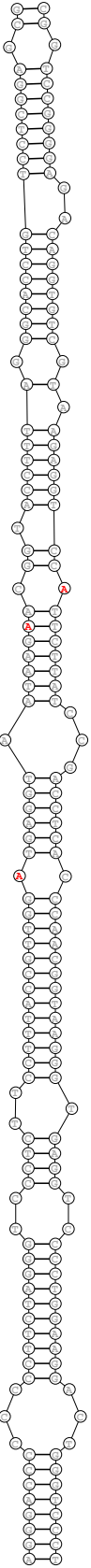
0.4 > SHAPE

No Data

ENERGY = -64.9 Chr29:43278317-43278...

RPS9 part A

Strands Chr18:63384137-63384224
and Chr18:63385638-63385728



SHAPE ≥ 0.85

251

0.85 > SHAPE ≥ 0.4

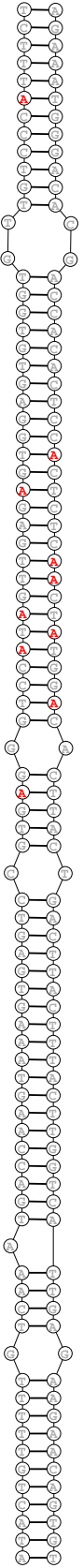
0.4 > SHAPE

No Data

ENERGY = -122.8 Chr18:63384137-6338...

RPS9 part B

Strands Chr18:63385755-63385837
and Chr18:63385870-63385951



SHAPE >= 0.85

252

0.85 > SHAPE >= 0.4

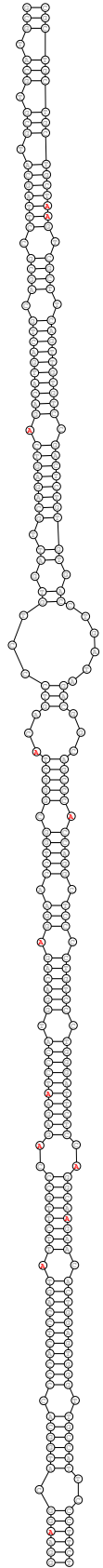
0.4 > SHAPE

No Data

ENERGY = -129.6 Chr18:63385755-6338...

RRN3

Strands Chr25:13794131-13794258
and Chr25:13794674-13794801



SHAPE \geq 0.85

253

0.85 > SHAPE \geq 0.4

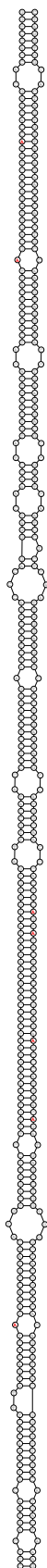
0.4 > SHAPE

No Data

ENERGY = -168.8 Chr25:13794131-1379...

RUFY3

Strands Chr6:87902586-87902785
and Chr6:87903261-87903459



SHAPE >= 0.85

254

0.85 > SHAPE >= 0.4

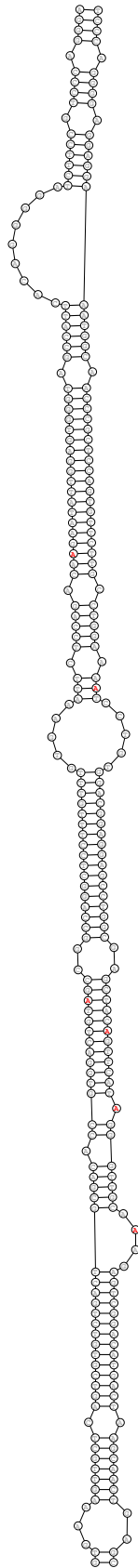
0.4 > SHAPE

No Data

ENERGY = -306.2 Chr6:87902586-87902...

SCN1B part A

Strands Chr18:45966962-45967093
and Chr18:45967857-45967982



SHAPE >= 0.85

255

0.85 > SHAPE >= 0.4

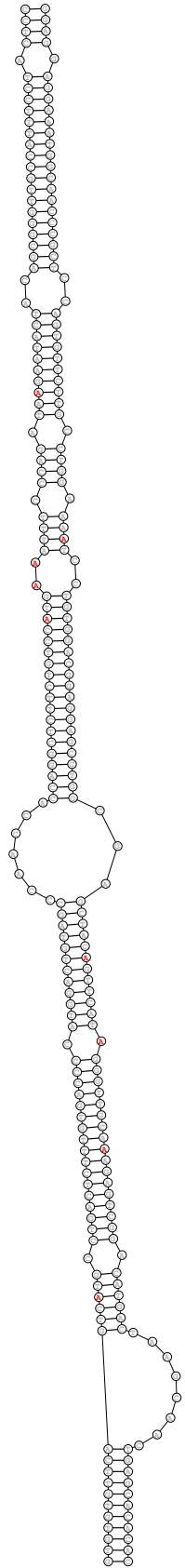
0.4 > SHAPE

No Data

ENERGY = -166.8 Chr18:45966962-4596...

SCN1B part B

Strands Chr18:45967316-45967436
and Chr18:45967864-45967988



SHAPE >= 0.85

256

0.85 > SHAPE >= 0.4

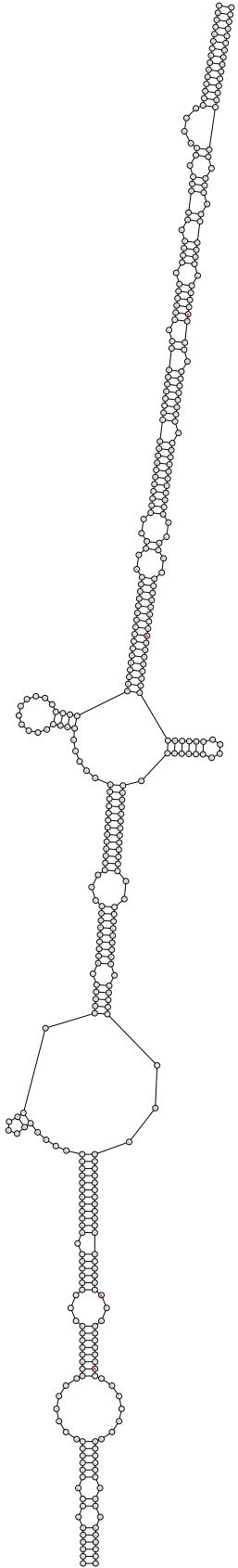
0.4 > SHAPE

No Data

ENERGY = -167.6 Chr18:45967316-4596...

SCN1B part C

Strands Chr18:45965592-45965794
and Chr18:45966973-45967155



SHAPE >= 0.85

257

0.85 > SHAPE >= 0.4

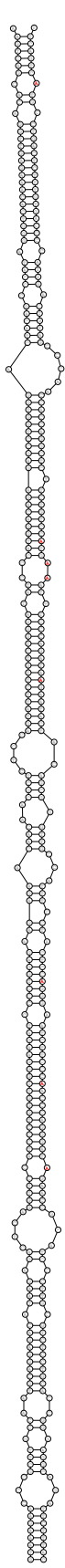
0.4 > SHAPE

No Data

ENERGY = -228.9 Chr18:45965592-4596...

SCN1B part D

Strands Chr18:45965615-45965795
and Chr18:45967323-45967507



SHAPE >= 0.85

258

0.85 > SHAPE >= 0.4

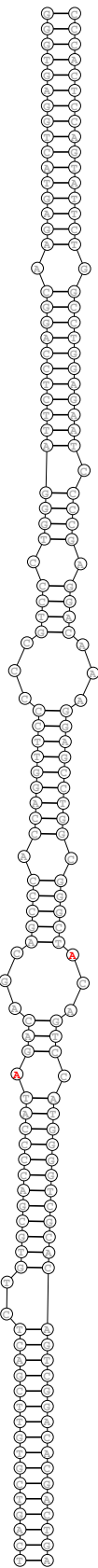
0.4 > SHAPE

No Data

ENERGY = -239.2 Chr18:45965615-4596...

SEC11C

Strands Chr24:58668315-58668406
and Chr24:58668686-58668776



SHAPE >= 0.85

259

0.85 > SHAPE >= 0.4

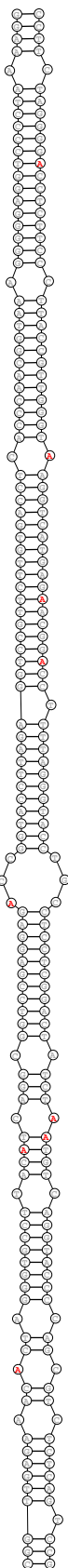
0.4 > SHAPE

No Data

ENERGY = -152.5 Chr24:58668315-5866...

SEC61A1

Strands Chr22:60226036-60226146
and Chr22:60226830-60226942



SHAPE >= 0.85

260

0.85 > SHAPE >= 0.4

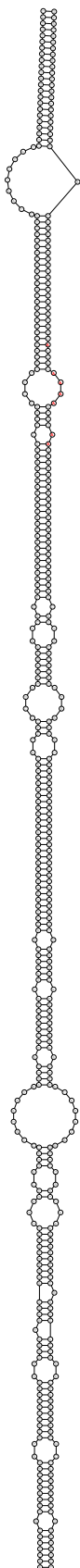
0.4 > SHAPE

No Data

ENERGY = -166.7 Chr22:60226036-6022...

SEPN1

Strands Chr2:127851153-127851386
and Chr2:127851839-127852064



SHAPE >= 0.85

261

0.85 > SHAPE >= 0.4

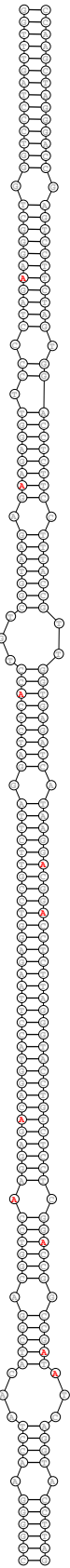
0.4 > SHAPE

No Data

ENERGY = -324.6 Chr2:127851153-1278...

SLC18B1 part A

Strands Chr9:71962040-71962157
and Chr9:71962333-71962448



SHAPE ≥ 0.85

263

0.85 > SHAPE ≥ 0.4

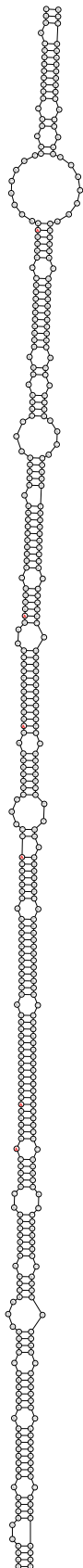
0.4 > SHAPE

No Data

ENERGY = -186.9 Chr9:71962040-71962...

SLC18B1 part B

Strands Chr9:71962013-71962213
and Chr9:71963687-71963880



SHAPE >= 0.85

264

0.85 > SHAPE >= 0.4

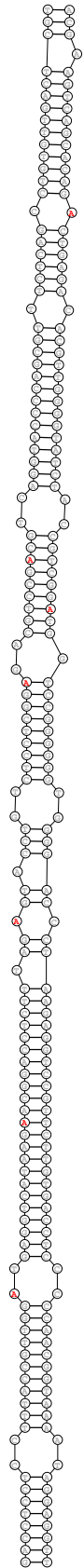
0.4 > SHAPE

No Data

ENERGY = -245.0 Chr9:71962013-71962...

SLC1A1 part A

Strands Chr8:40193586-40193701
and Chr8:40194966-40195079



SHAPE \geq 0.85

265

0.85 > SHAPE \geq 0.4

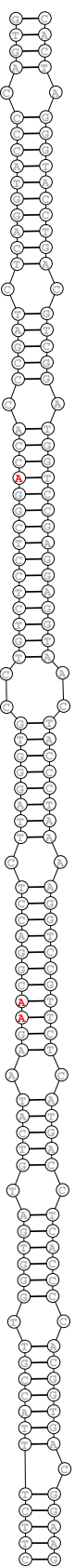
0.4 > SHAPE

No Data

ENERGY = -172.8 Chr8:40193586-40193...

SLC1A1 part B

Strands Chr8:40194718-40194802
and Chr8:40195118-40195203



SHAPE >= 0.85

266

0.85 > SHAPE >= 0.4

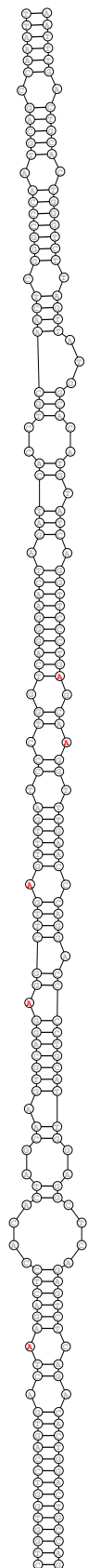
0.4 > SHAPE

No Data

ENERGY = -125.0 Chr8:40194718-40194...

SLC20A1

Strands Chr11:46227687-46227795
and Chr11:46227927-46228038



SHAPE >= 0.85

267

0.85 > SHAPE >= 0.4

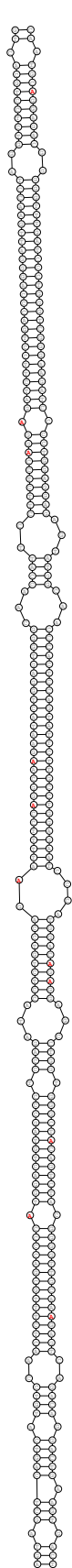
0.4 > SHAPE

No Data

ENERGY = -118.3 Chr11:46227687-4622...

SLC22A16 part A

Strands Chr9:40247293-40247450
and Chr9:40248583-40248744



SHAPE ≥ 0.85

268

0.85 > SHAPE ≥ 0.4

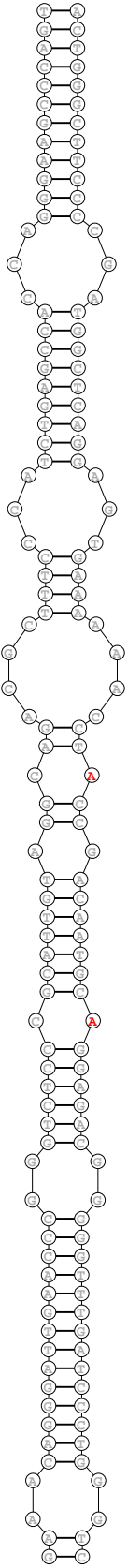
0.4 > SHAPE

No Data

ENERGY = -247.8 Chr9:40247293-40247...

SLC22A16 part B

Strands Chr9:40248269-40248343
and Chr9:40248541-40248615



SHAPE >= 0.85

269

0.85 > SHAPE >= 0.4

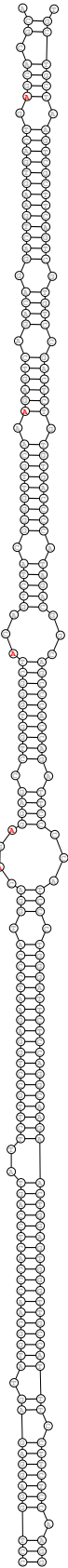
0.4 > SHAPE

No Data

ENERGY = -93.6 Chr9:40248269-402483...

SLC22A16 part C

Strands Chr9:40248626-40248753
and Chr9:40249203-40249327



SHAPE >= 0.85

270

0.85 > SHAPE >= 0.4

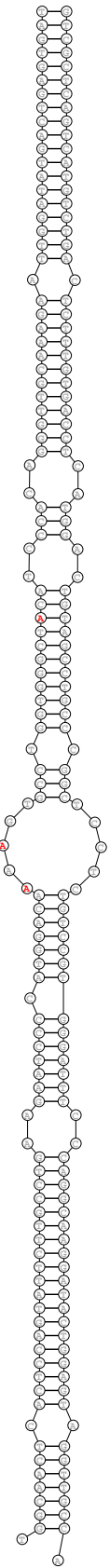
0.4 > SHAPE

No Data

ENERGY = -192.5 Chr9:40248626-40248...

SLC22A16 part D

Strands Chr9:40255063-40255166
and Chr9:40255801-40255903



SHAPE >= 0.85

271

0.85 > SHAPE >= 0.4

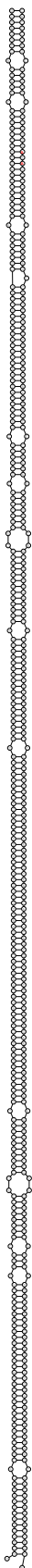
0.4 > SHAPE

No Data

ENERGY = -146.7 Chr9:40255063-40255...

SLC22A16 part E

Strands Chr9:40254438-40254687
and Chr9:40256349-40256599



SHAPE >= 0.85

272

0.85 > SHAPE >= 0.4

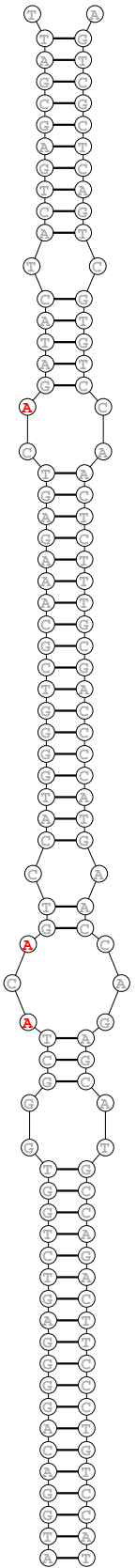
0.4 > SHAPE

No Data

ENERGY = -476.4 Chr9:40254438-40254...

SLC22A16 part F

Strands Chr9:40259234-40259300
and Chr9:40259493-40259559



SHAPE >= 0.85

273

0.85 > SHAPE >= 0.4

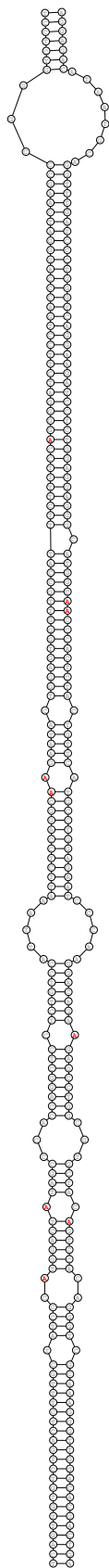
0.4 > SHAPE

No Data

ENERGY = -103.7 Chr9:40259234-40259...

SLC34A2

Strands Chr6:46726713-46726860
and Chr6:46728179-46728332



SHAPE ≥ 0.85

274

0.85 > SHAPE ≥ 0.4

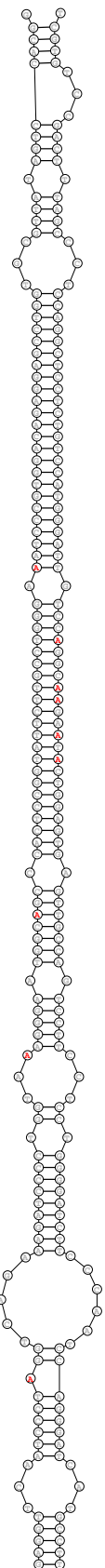
0.4 > SHAPE

No Data

ENERGY = -228.7 Chr6:46726713-46726...

SLC37A1

Strands Chr1:144432779-144432893
and Chr1:144433320-144433437



SHAPE \geq 0.85

275

0.85 > SHAPE \geq 0.4

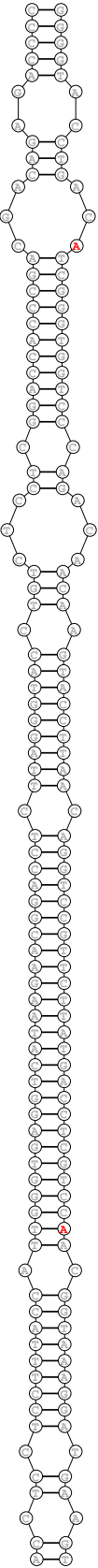
0.4 > SHAPE

No Data

ENERGY = -162.2 Chr1:144432779-1444...

SLC5A9

Strands Chr3:98572440-98572525
and Chr3:98572798-98572883



SHAPE \geq 0.85

276

0.85 > SHAPE \geq 0.4

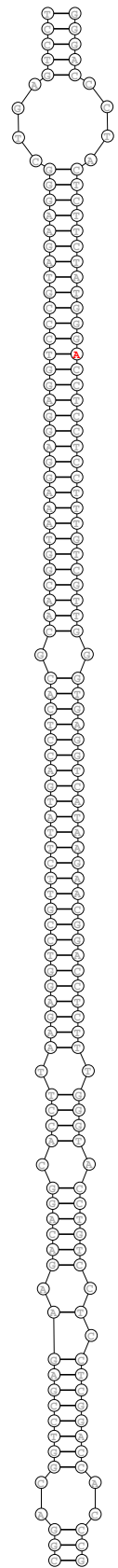
0.4 > SHAPE

No Data

ENERGY = -114.7 Chr3:98572440-98572...

SLC8B1

Strands Chr17:63567333-63567425
and Chr17:63568763-63568856



SHAPE >= 0.85

277

0.85 > SHAPE >= 0.4

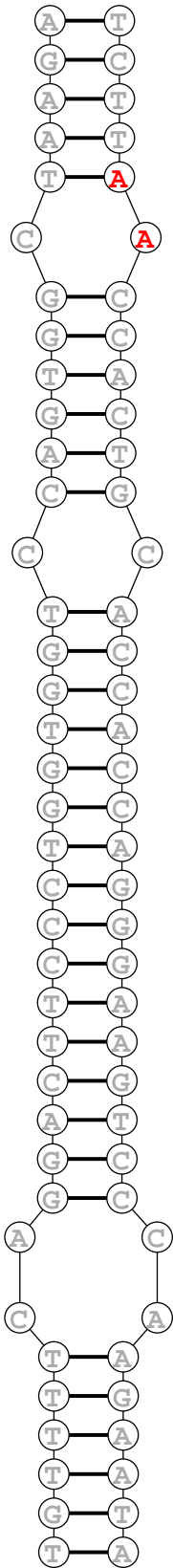
0.4 > SHAPE

No Data

ENERGY = -152.7 Chr17:63567333-6356...

SMIM19

Strands Chr27:37069361-37069397
and Chr27:37069804-37069840



SHAPE >= 0.85

278

0.85 > SHAPE >= 0.4

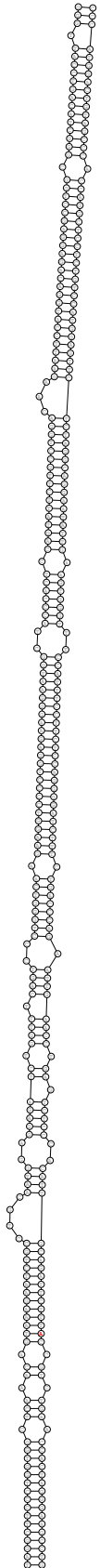
0.4 > SHAPE

No Data

ENERGY = -51.9 Chr27:37069361-37069...

SNRNP40 part A

Strands Chr2:122900846-122901019
and Chr2:122901559-122901723



SHAPE >= 0.85

279

0.85 > SHAPE >= 0.4

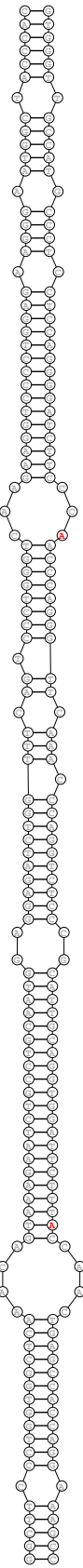
0.4 > SHAPE

No Data

ENERGY = -267.4 Chr2:122900846-1229...

SNRNP40 part B

Strands Chr2:122900848-122900953
and Chr2:122901723-122901828



SHAPE >= 0.85

280

0.85 > SHAPE >= 0.4

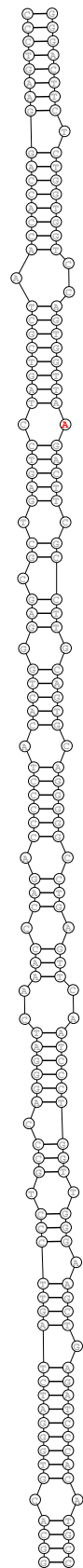
0.4 > SHAPE

No Data

ENERGY = -163.1 Chr2:122900848-1229...

SPINT2

Strands Chr18:48319628-48319720
and Chr18:48321070-48321164



SHAPE >= 0.85

281

0.85 > SHAPE >= 0.4

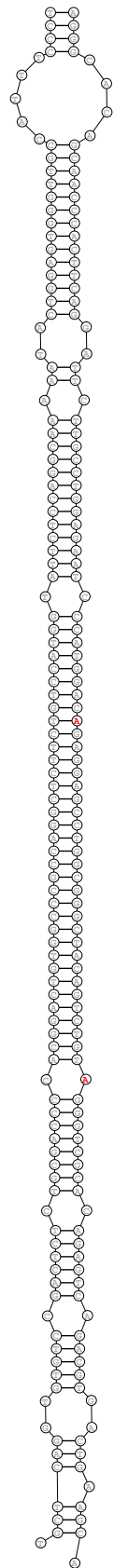
0.4 > SHAPE

No Data

ENERGY = -125.7 Chr18:48319628-4831...

SPTLC1

Strands Chr8:87277263-87277370
and Chr8:87277871-87277978



SHAPE \geq 0.85

282

0.85 > SHAPE \geq 0.4

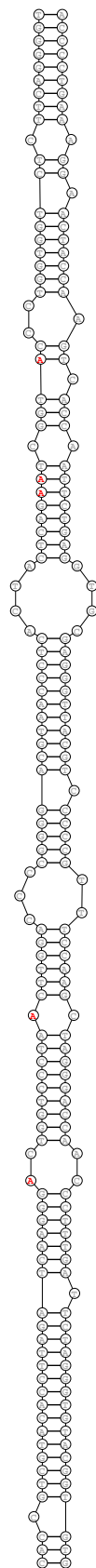
0.4 > SHAPE

No Data

ENERGY = -175.5 Chr8:87277263-87277...

SPTSSA

Strands Chr21:45304183-45304284
and Chr21:45305295-45305397



SHAPE >= 0.85

283

0.85 > SHAPE >= 0.4

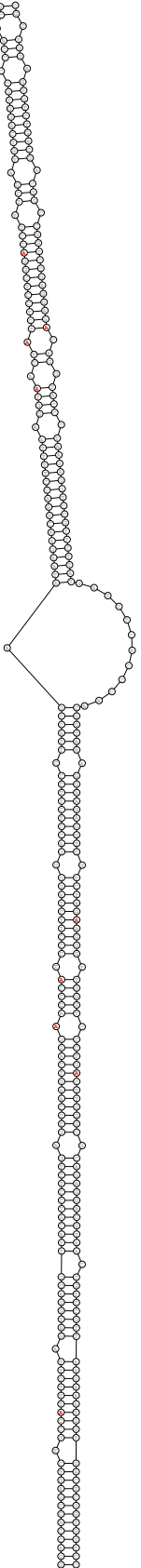
0.4 > SHAPE

No Data

ENERGY = -136.2 Chr21:45304183-4530...

STK19 part A

Strands Chr23:27198820-27198975
and Chr23:27199165-27199330



SHAPE >= 0.85

284

0.85 > SHAPE >= 0.4

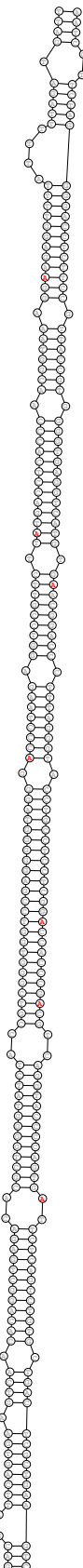
0.4 > SHAPE

No Data

ENERGY = -237.8 Chr23:27198820-2719...

STK19 part B

Strands Chr23:27202223-27202362
and Chr23:27203049-27203182



SHAPE >= 0.85

285

0.85 > SHAPE >= 0.4

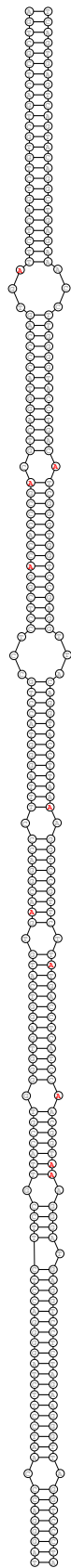
0.4 > SHAPE

No Data

ENERGY = -210.2 Chr23:27202223-2720...

STK19 part C

Strands Chr23:27203040-27203178
and Chr23:27203696-27203835



SHAPE >= 0.85

286

0.85 > SHAPE >= 0.4

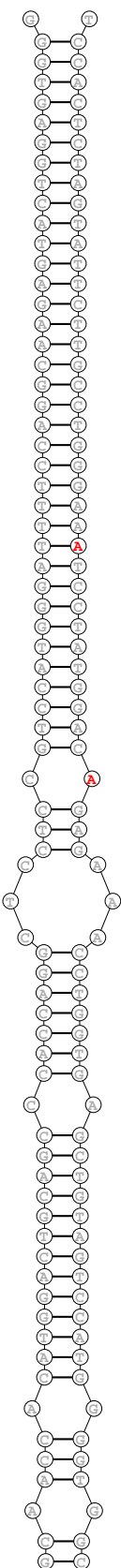
0.4 > SHAPE

No Data

ENERGY = -238.4 Chr23:27203040-2720...

SUCO

Strands Chr16:40969985-40970056
and Chr16:40970870-40970941



SHAPE >= 0.85

287

0.85 > SHAPE >= 0.4

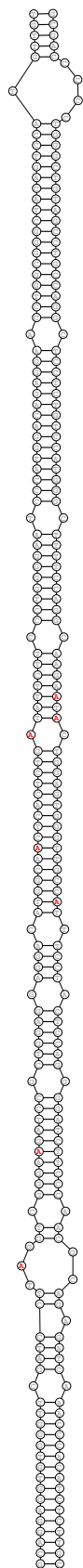
0.4 > SHAPE

No Data

ENERGY = -117.9 Chr16:40969985-4097...

TAGLN2

Strands Chr3:9883374-9883501
and Chr3:9883727-9883857



SHAPE >= 0.85

288

0.85 > SHAPE >= 0.4

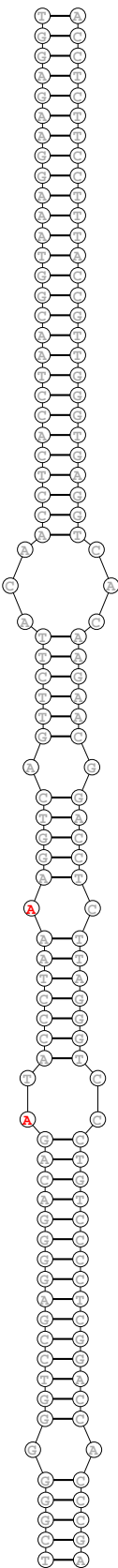
0.4 > SHAPE

No Data

ENERGY = -200.1 Chr3:9883374-988350...

TARBP1

Strands Chr28:7246953-7247025
and Chr28:7247341-7247413



SHAPE >= 0.85

289

0.85 > SHAPE >= 0.4

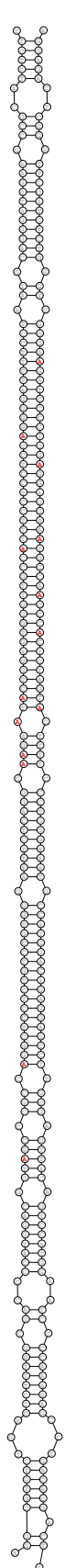
0.4 > SHAPE

No Data

ENERGY = -122.5 Chr28:7246953-72470...

TCN2

Strands Chr17:71723154-71723301
and Chr17:71724169-71724317



SHAPE >= 0.85

290

0.85 > SHAPE >= 0.4

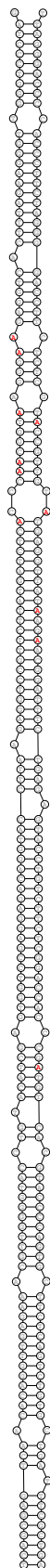
0.4 > SHAPE

No Data

ENERGY = -235.6 Chr17:71723154-7172...

TJP3

Strands Chr7:21453419-21453560
and Chr7:21453863-21454003



SHAPE >= 0.85

291

0.85 > SHAPE >= 0.4

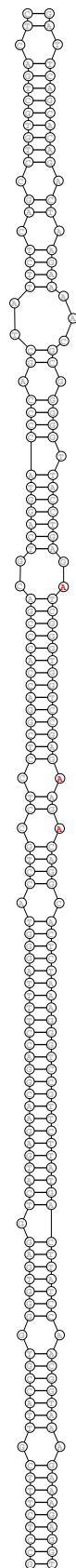
0.4 > SHAPE

No Data

ENERGY = -209.3 Chr7:21453419-21453...

TMED2

Strands Chr17:54331585-54331695
and Chr17:54332066-54332177



SHAPE >= 0.85

292

0.85 > SHAPE >= 0.4

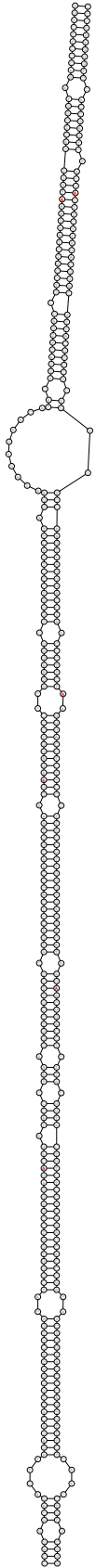
0.4 > SHAPE

No Data

ENERGY = -159.6 Chr17:54331585-5433...

TMEM120B part A

Strands Chr17:55780955-55781155
and Chr17:55784974-55785164



SHAPE >= 0.85

293

0.85 > SHAPE >= 0.4

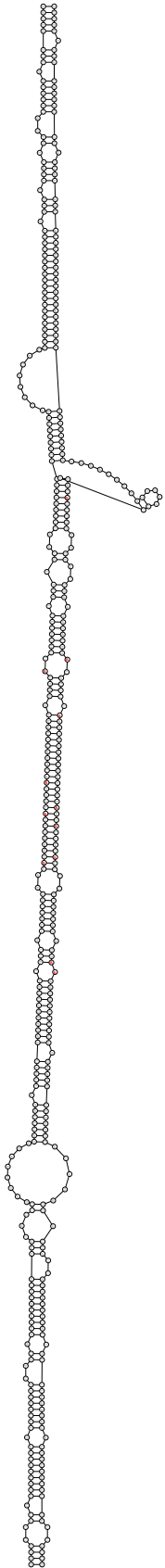
0.4 > SHAPE

No Data

ENERGY = -321.6 Chr17:55780955-5578...

TMEM120B part B

Strands Chr17:55790658-55790877
and Chr17:55791789-55792008



SHAPE >= 0.85

294

0.85 > SHAPE >= 0.4

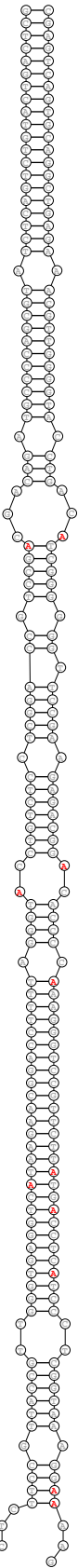
0.4 > SHAPE

No Data

ENERGY = -252.9 Chr17:55790658-5579...

TMEM120B part C

Strands Chr17:55792680-55792789
and Chr17:55791825-55791935



SHAPE >= 0.85

295

0.85 > SHAPE >= 0.4

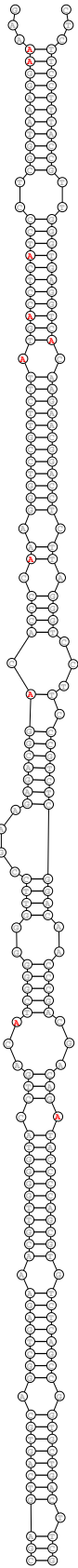
0.4 > SHAPE

No Data

ENERGY = -166.6 Chr17:55792680-5579...

TMEM120B part D

Strands Chr17:55791825-55791935
and Chr17:55792824-55792934



SHAPE \geq 0.85

296

0.85 > SHAPE \geq 0.4

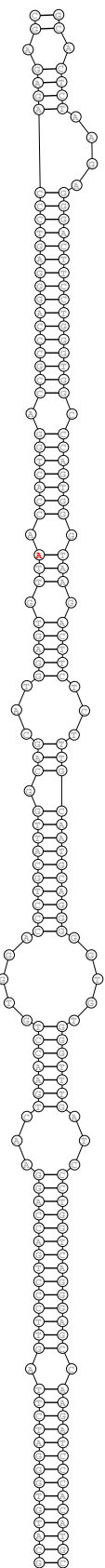
0.4 > SHAPE

No Data

ENERGY = -149.1 Chr17:55791825-5579...

TMEM132A

Strands Chr29:37851212-37851313
and Chr29:37851628-37851732



SHAPE >= 0.85

297

0.85 > SHAPE >= 0.4

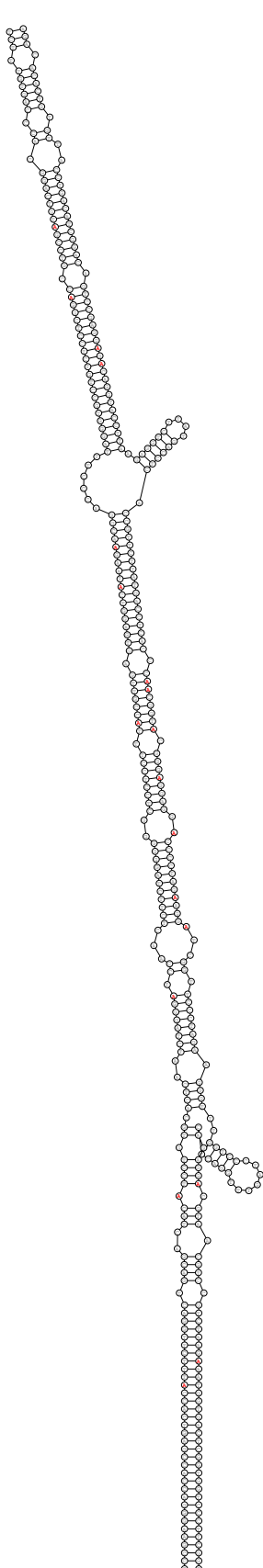
0.4 > SHAPE

No Data

ENERGY = -146.3 Chr29:37851212-3785...

TMEM63A

Strands Chr16:29640315-29640492
and Chr16:29640856-29641062



SHAPE \geq 0.85

298

0.85 > SHAPE \geq 0.4

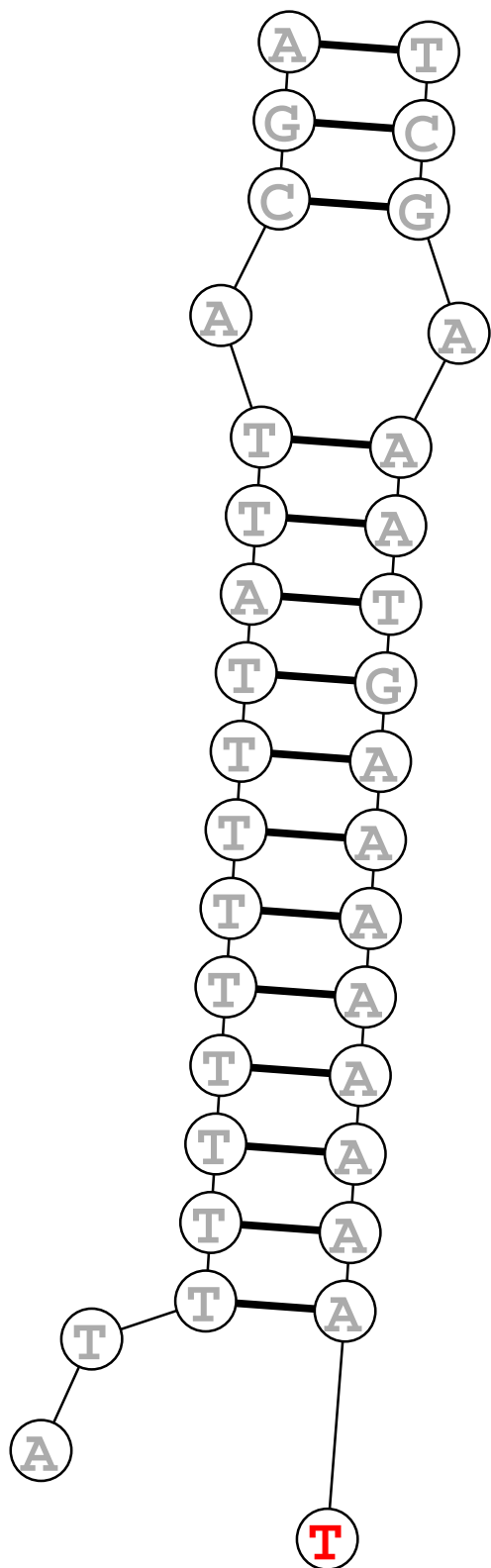
0.4 > SHAPE

No Data

ENERGY = -288.2 Chr16:29640315-2964...

TMEM68

Strands Chr14:24711093-24711110
and Chr14:24711328-24711344



SHAPE >= 0.85

299

0.85 > SHAPE >= 0.4

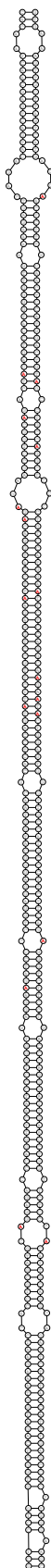
0.4 > SHAPE

No Data

ENERGY = -9.9 Chr14:24711093-247111...

TOM1L1

Strands Chr19:5268945-5269145
and Chr19:5271527-5271729



SHAPE >= 0.85

300

0.85 > SHAPE >= 0.4

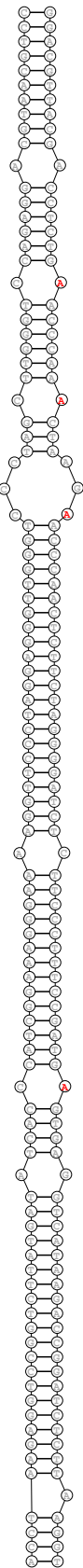
0.4 > SHAPE

No Data

ENERGY = -342.3 Chr19:5268945-52691...

TRMT13 part A

Strands Chr3:43279185-43279282
and Chr3:43281045-43281143



SHAPE >= 0.85

301

0.85 > SHAPE >= 0.4

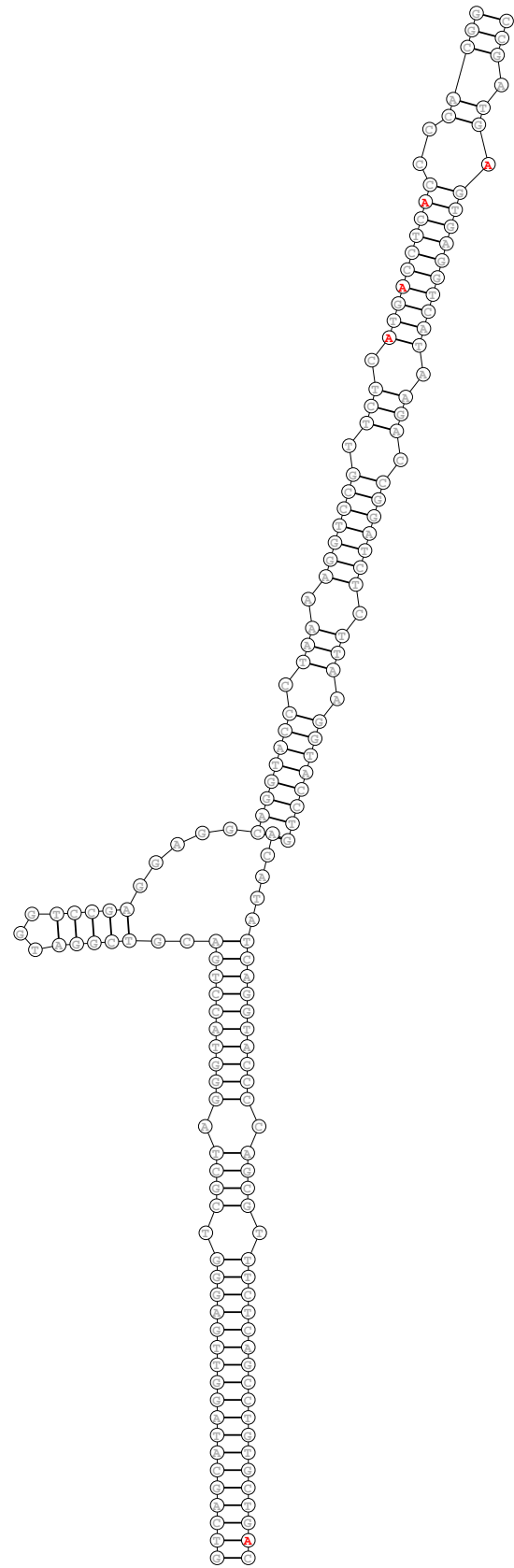
0.4 > SHAPE

No Data

ENERGY = -151.0 Chr3:43279185-43279...

TRMT13 part B

Strands Chr3:43280189-43280284
and Chr3:43281107-43281187



SHAPE >= 0.85

302

0.85 > SHAPE >= 0.4

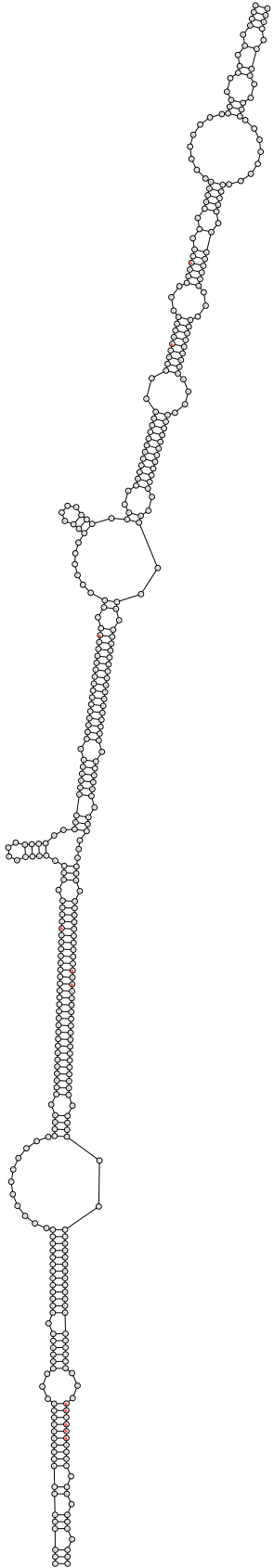
0.4 > SHAPE

No Data

ENERGY = -109.8 Chr3:43280189-43280...

TULP2

Strands Chr18:55932444-55932661
and Chr18:55933435-55933619



SHAPE ≥ 0.85

303

0.85 > SHAPE ≥ 0.4

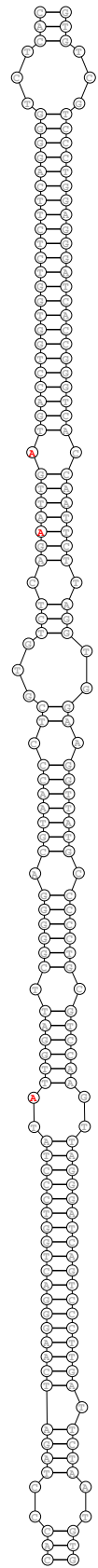
0.4 > SHAPE

No Data

ENERGY = -219.3 Chr18:55932444-5593...

UBALD2

Strands Chr19:56073299-56073395
and Chr19:56073793-56073889



SHAPE \geq 0.85

304

0.85 > SHAPE \geq 0.4

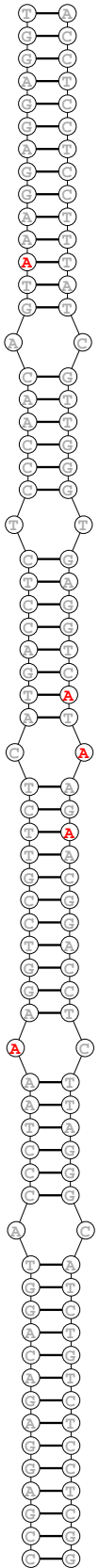
0.4 > SHAPE

No Data

ENERGY = -129.9 Chr19:56073299-5607...

UFSP2 part A

Strands Chr27:14709201-14709264
and Chr27:14710538-14710601



SHAPE >= 0.85

305

0.85 > SHAPE >= 0.4

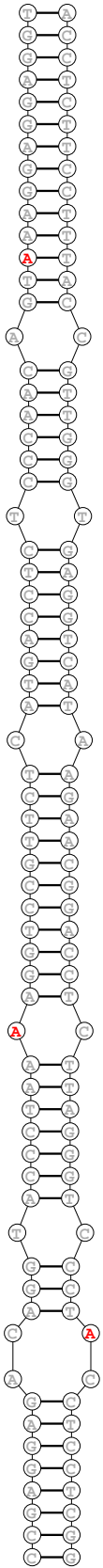
0.4 > SHAPE

No Data

ENERGY = -108.2 Chr27:14709201-1470...

UFSP2 part B

Strands Chr27:14709201-14709264
and Chr27:14710673-14710736



SHAPE >= 0.85

306

0.85 > SHAPE >= 0.4

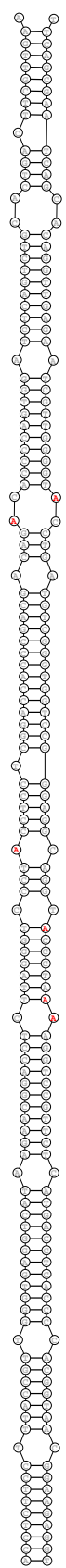
0.4 > SHAPE

No Data

ENERGY = -101.2 Chr27:14709201-1470...

UFSP2 part C

Strands Chr27:14710673-14710790
and Chr27:14711531-14711646



SHAPE \geq 0.85

307

0.85 > SHAPE \geq 0.4

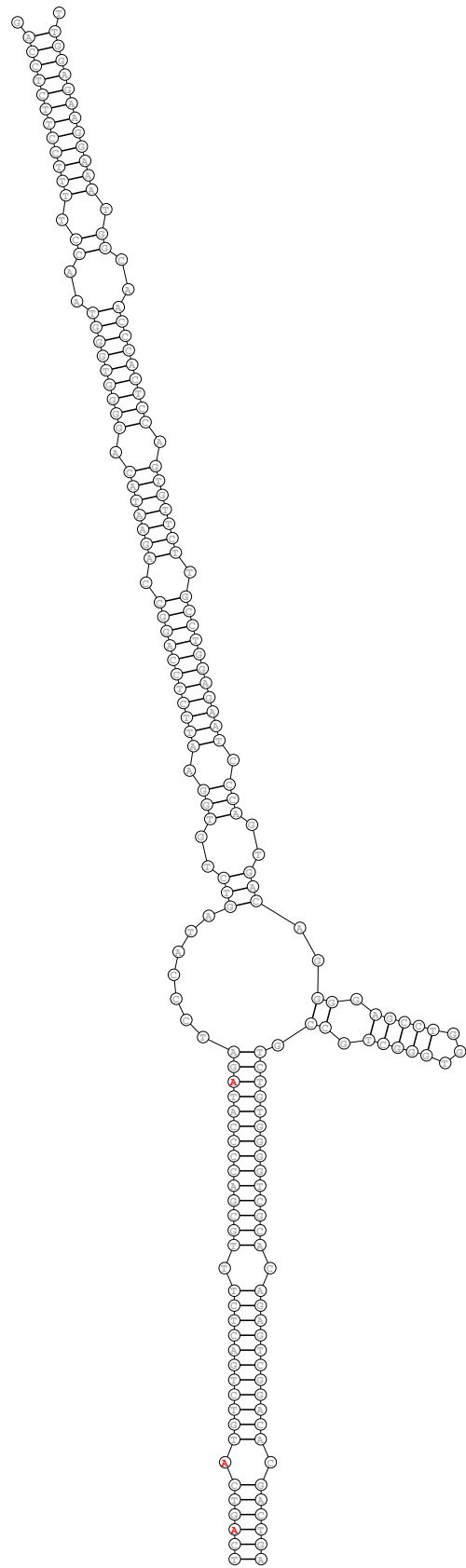
0.4 > SHAPE

No Data

ENERGY = -175.3 Chr27:14710673-1471...

UNC50

Strands Chr11:3797247-3797342
and Chr11:3798491-3798601



SHAPE \geq 0.85

308

0.85 > SHAPE \geq 0.4

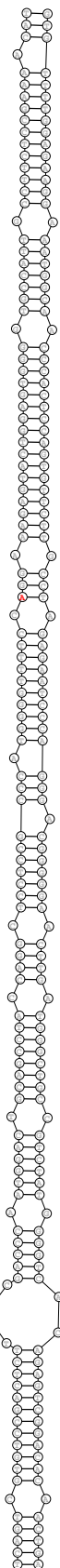
0.4 > SHAPE

No Data

ENERGY = -146.5 Chr11:3797247-37973...

URB2

Strands Chr28:622893-623009
and Chr28:623872-623985



SHAPE >= 0.85

309

0.85 > SHAPE >= 0.4

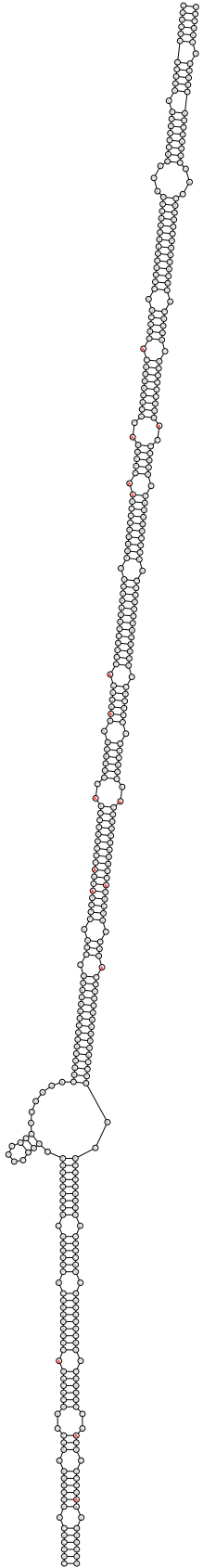
0.4 > SHAPE

No Data

ENERGY = -166.8 Chr28:622893-623009...

VAMP5 part A

Strands Chr11:49251198-49251405
and Chr11:49252768-49252960



SHAPE >= 0.85

310

0.85 > SHAPE >= 0.4

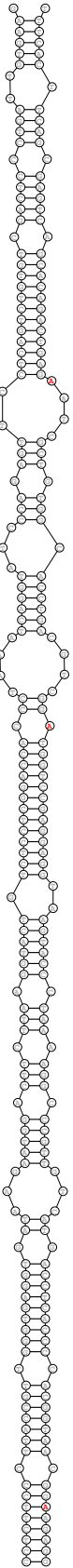
0.4 > SHAPE

No Data

ENERGY = -289.0 Chr11:49251198-4925...

VAMP5 part B

Strands Chr11:49255043-49255164
and Chr11:49256082-49256203



SHAPE >= 0.85

311

0.85 > SHAPE >= 0.4

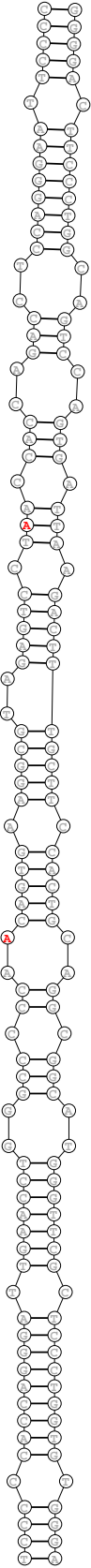
0.4 > SHAPE

No Data

ENERGY = -148.0 Chr11:49255043-4925...

VPS11

Strands Chr15:30187172-30187250
and Chr15:30187393-30187469



SHAPE >= 0.85

312

0.85 > SHAPE >= 0.4

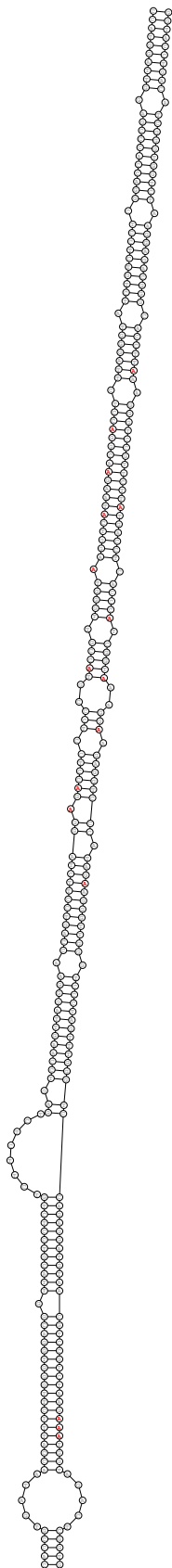
0.4 > SHAPE

No Data

ENERGY = -95.7 Chr15:30187172-30187...

VTI1B

Strands Chr10:80089649-80089815
and Chr10:80090923-80091079



SHAPE >= 0.85

313

0.85 > SHAPE >= 0.4

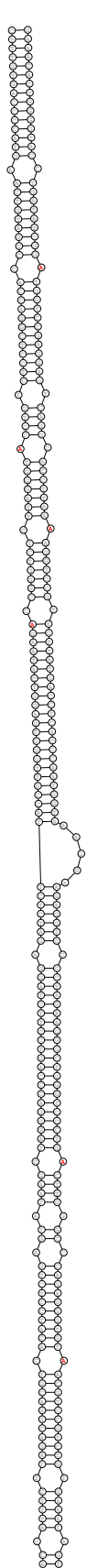
0.4 > SHAPE

No Data

ENERGY = -227.4 Chr10:80089649-8008...

XDH part A

Strands Chr11:14203681-14203832
and Chr11:14205057-14205213



SHAPE >= 0.85

314

0.85 > SHAPE >= 0.4

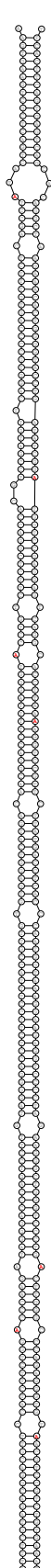
0.4 > SHAPE

No Data

ENERGY = -238.5 Chr11:14203681-1420...

XDH part B

Strands Chr11:14203932-14204116
and Chr11:14205029-14205210



SHAPE >= 0.85

315

0.85 > SHAPE >= 0.4

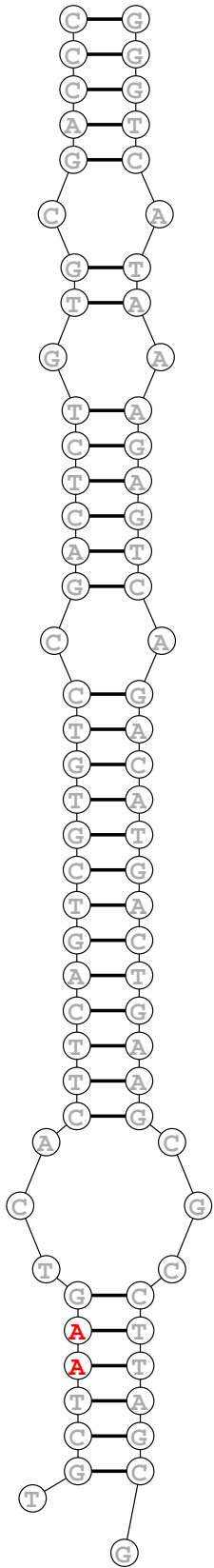
0.4 > SHAPE

No Data

ENERGY = -309.3 Chr11:14203932-1420...

YY1

Strands Chr21:66824648-66824686
and Chr21:66825302-66825340



SHAPE >= 0.85

316

0.85 > SHAPE >= 0.4

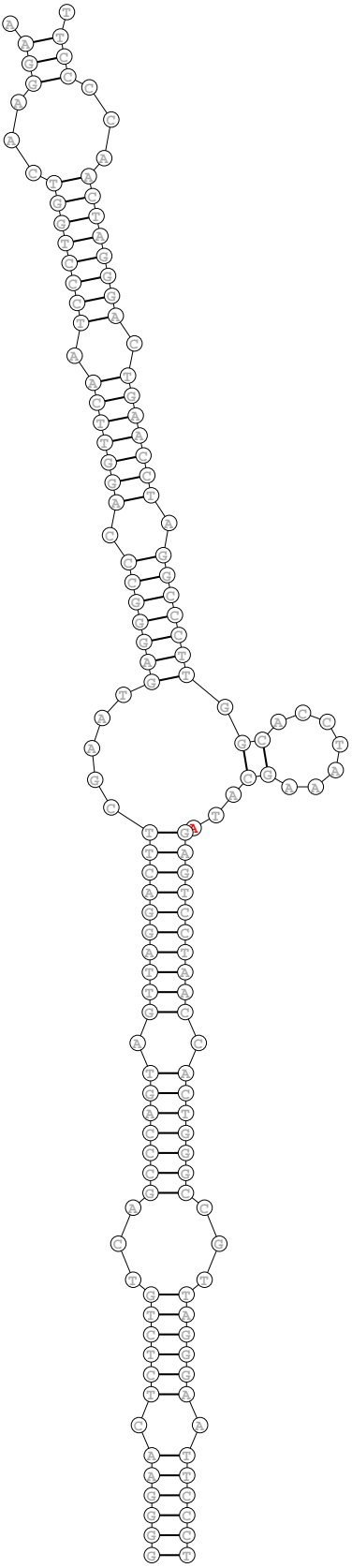
0.4 > SHAPE

No Data

ENERGY = -49.6 Chr21:66824648-66824...

ZMYM5

Strands Chr12:36511513-36511582
and Chr12:36512952-36513031



SHAPE \geq 0.85

317

0.85 > SHAPE \geq 0.4

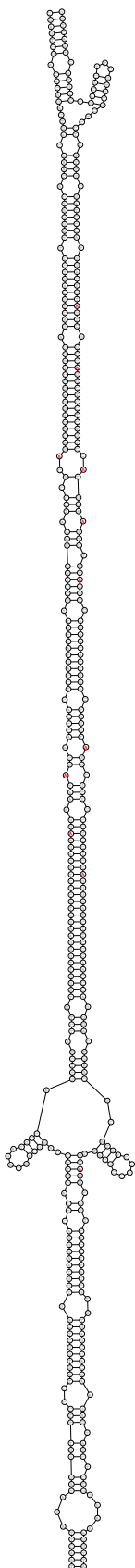
0.4 > SHAPE

No Data

ENERGY = -86.7 Chr12:36511513-36511...

ZNF394

Strands Chr25:37449224-37449429
and Chr25:37450497-37450719



SHAPE >= 0.85

319

0.85 > SHAPE >= 0.4

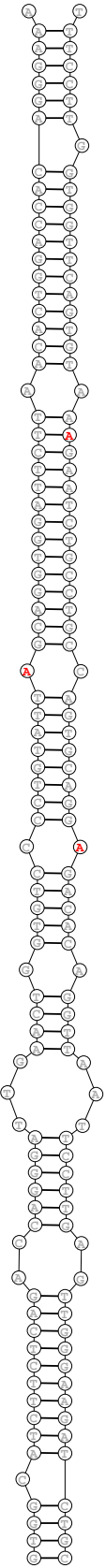
0.4 > SHAPE

No Data

ENERGY = -278.0 Chr25:37449224-3744...

ZNHIT3 part A

Strands Chr19:13151933-13152012
and Chr19:13152352-13152431



SHAPE >= 0.85

320

0.85 > SHAPE >= 0.4

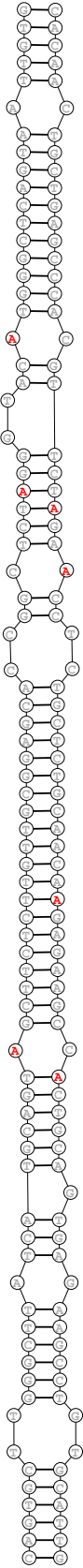
0.4 > SHAPE

No Data

ENERGY = -100.1 Chr19:13151933-1315...

ZNHIT3 part B

Strands Chr19:13151828-13151905
and Chr19:13153321-13153397



SHAPE ≥ 0.85

321

0.85 > SHAPE ≥ 0.4

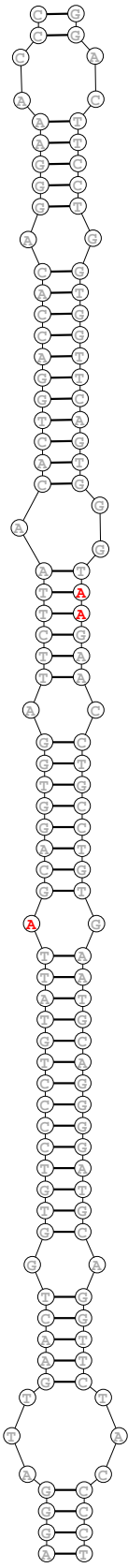
0.4 > SHAPE

No Data

ENERGY = -103.7 Chr19:13151828-1315...

ZNHIT3 part C

Strands Chr19:13151951-13152015
and Chr19:13153233-13153298



SHAPE >= 0.85

322

0.85 > SHAPE >= 0.4

0.4 > SHAPE

No Data

ENERGY = -81.8 Chr19:13151951-13152...