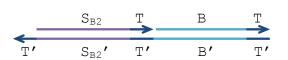


Tri - Gate B



```
|toehold| = 6 |recognition| = 15
T = CTCCTC T' = GAGGAG
S_{B2} = AACAAAACAACCACT O_1 = AACCACCAAACTTAT O_2 = CCTAACACAATCACT S_{B2}' = AGTGGTTGTTTTGTT O_1' = ATAAGTTTGGTGGTT O_2' = AGTGATTGTGTTAGG
= ATBT = CATCCATTCCACTAT CTCCTC CCAAACAAACCTAT CTCCTC
Ι
GB1-up = BTO<sub>1</sub>T = CCAAACAAAACCTAT CTCCTC AACCACCAAACTTAT CTCCTC
\overline{\text{GB2-up}} = \overline{\text{BTO}_2\text{T}} = CCAAACAAAACCTAT CTCCTC CCTAACACAATCACT CTCCTC GB-up = \overline{\text{BT}} = CCAAACAAAACCTAT CTCCTC
GB-down = T'B'T' = GAGGAG ATAGGTTTTGTTTGG GAGGAG
SB = H_BTS_B = CCACAAAACAAACT CTCCTC CCCAAATAAACAACT SB1 = S_BTS_{B1} = CCCAAATAAACAACT CTCCTC CACCCTAAAATCTAT
SB1
        = H<sub>B2</sub>TS<sub>B2</sub> = CACCATCAAATAACT CTCCTC AACAAAACAACCACT
SB2
        = TH<sub>B2</sub>T = CTCCTC CACCATCAAATAACT CTCCTC
FSB
GSB-down = T'H_{B2}'T'S_B'T'
         = GAGGAG AGTTATTTGATGGTG GAGGAG AGTTGTTTATTTGGG GAGGAG
Tri-GB1-up = S_{B1}T = CACCCTAAAATCTAT CTCCTC
Tri-GB1-down = T'B'T'S_{B1}'T'
              = GAGGAG ATAGGTTTTGTTTGG GAGGAG ATAGATTTTAGGGTG GAGGAG
Tri-GB2-up = S_{B2}T = AACAAAACAACCACT CTCCTC
Tri-GB2-down = T'B'T'S_{B2}'T'
              = GAGGAG ATAGGTTTTGTTTGG GAGGAG AGTGGTTGTTTTGTT GAGGAG
Rep-down = ROX-T'O1'T' = /56-ROXN/ GAGGAG ATAAGTTTGGTGGTT GAGGAG
```