```
in3                          $1
PRIMARY_INPUT                NOR
LacI_sensor                  B3_BM3R1

                $3
                NOR
                H1_HlyIIR               out
                                        PRIMARY_OUTPUT
in1      $5       $4                    YFP_reporter
PRIMARY_INPUT  NOT    NOR      $2
AraC_sensor    E1_BetI  L1_LitR  NOR
                                 Q2_QacR

in2      $6
PRIMARY_INPUT  NOT
TetR_sensor    S4_SrpR

                    m0x56
```