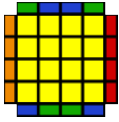




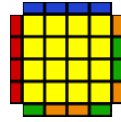
PLL Parity

Page 1



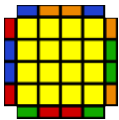
OPP Parity
Edge Swap

2R2 U2 2R2 Uw2 2R2 Uw2
Rw2' F2 U2 Rw2 R2' U2 F2 Rw2
Uw2 Rw2 U2 2R2 U2 Rw2 Uw2
2L2 U2 2L2 Uw2 2L2 Uw2



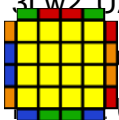
Adj Parity
Edge Swap

R' U R U' 2R2 U2' 2R2 Uw2' 2R2 Uw2' U' R' U' R
R' U R U' 2R2 U2 2R2 Uw2 2R2 Uw2 U' R' U' R
R U R' U' 2R2 U2 2R2 Uw2 2R2 Uw2 U' R U' R'
R U R' U' 2L2 U2 2L2 Uw2 2L2 Uw2 U' R U' R'



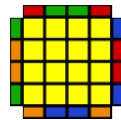
CWO
Edge Swap

M2 U' M2 U' M' U2 M2 U2 M' 2R2 U2 2R2 Uw2
2R2 Uw2
M2 U M2 U M' U2 M2 U2 M' U 2L2 U2 2L2 Uw2
2L2 Uw2
M2 U' M2 U' M' U2 M2 U2 M' Uw2' Rw2 U2 Lw2
3Lw2' U2 Rw2 Uw2'



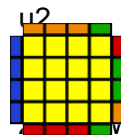
W
Edge Swap

U' R U' R U R U R U' R' U' R2 2R2 U2 2R2 Uw2
2R2 Uw2
R' U R' U' R' U' R' U R U Rw2 U2 2R2 Uw2 2R2
Uw2
R' U R' U' R' U' R' U R U R2 Uw2' Rw2 U2 Lw2
3Lw2' U2 Rw2 Uw2'
y' R U' R U R U R U' R' U' R2 2R2 U2 2R2 u2 2R2
u2



CcwO
Edge Swap

Uw2 2L2 Uw2 2L2 U2 3Rw' Rw2 R' U2 M2 U2 M'
U M2 U M2
u2 2R2 u2 2R2 U2 2R2 R' U' R U' R U R U' R' U R
U R2 U' R'
M2' U2 M' U M2' U M2' U M' 2R2 U2 2R2 u2 2R2

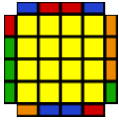


Pj
Adj Corner Swap

U' R U' R' U' R' F R2 U' R' U' R U R' F' U' 2L2 U2 2L2
Uw2 2L2 Uw2
R U R' U' R' F R2 U' R' U' R U R' F' U' 2R2 U2 2R2
Uw2 2R2 Uw2
R U R' U' R' F R2 U' R' U' R U R' F' U' 2R2 U2 2R2
u2 2R2 u2
Rw' R2 U' R' U 2R U' R U2 R' U' 2R U 2R' U' Rw' F
Rw2 U' Rw' U' Rw U Rw' F'



PLL Parity



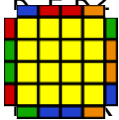
Ba
Adj Corner Swap

x' Rw2 U2 Rw2 Uw2 2R2 Uw2 F 3Rw U' R U2 L' U
R'

Uw2 2L2 Uw2 2L2 U2 2L2 U R U R' F' R U R' U' R'
F R2 U' R'

2R2 U2 2R2 Uw2 2R2 Uw2 U R U R' F' R U R' U'

R' F R2 U' R'



Ca
Adj Corner Swap

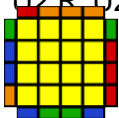
2R2 u2 2R2 u2 U R U R' F' R U R' U' R' F

y2 Uw2 2R2 Uw2 2R2 U2 Rw2 F R U R U' R' F' R
U2 R' U2 R

2R2 U2 2R2 Uw2 2R2 Uw2 U R' U2 R U2 R' F R U
R' U' R' F' R2

U2 2R2 U2 2R2 u2 2R2 u2 R2 F R U R U' R' F' R

U2 R' U2 R U



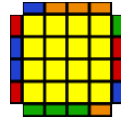
Da
Adj Corner Swap

R' U L' U2 R U' 3Rw B Rw2 U2 Rw2 Uw2 2R2
Uw2 x'

y2 L' U R' U2 L U' L' U2 L R U' 2R2 U2 2R2 u2
2R2 u2

R' U L' U2 R U' R' U2 R L U' 2R2 U2 2R2 Uw2 2R2
Uw2

y F R U' R' U' 2R2 U2 2R2 u2 2R2 u2 R U R2 F' R
U R U' R' U2



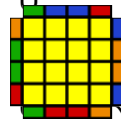
Bb
Adj Corner Swap

y x Rw2 U2 Rw2 Uw2 2R2 Uw2 B 3Rw' U R' U2 L
U' R

R U R' U' R' F R2 U' R' 2R2 U2 2R2 Uw2 2R2 Uw2
U R U R' F'

y' 2R2 U2 2R2 u2 2R2 u2 L' U R' U2 L U' L' U2 L R

U



Cb
Adj Corner Swap

U' R' F R2 U' R' Uw2 2L2 Uw2 2L2 U2 2L2

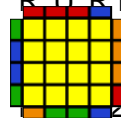
R' F

y R' U2 R U2 R' F R U R' U' R' F' Rw2 U2 2R2
Uw2 2R2 Uw2

2R2 U2 2R2 Uw2 2R2 Uw2 R U R' F' R U2 R' U2
R' F R U R U2 R'

y2 u2 2R2 u2 2R2 U2 2R2 U2 R U' R' U' R U R D

R' U' R' D' R' U2 R' U2



Db
Adj Corner Swap

2R2 u2 2R2 u2 R U' R' U' R U R D R' U' R

2 R'

R U R' F' R U R' U' R' F R2 U' R' u2 2R2 u2 2R2
U2 2R2

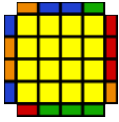
R U R' F' R U R' U' R' F R2 U' R' 2R2 U2 2R2 Uw2
2R2 Uw2

y R U' L U2 R' U 3Rw' F Rw2 U2 Rw2 Uw2 2R2
Uw2 x

R U R' F' R U R' U' R' F R2 U' R' 2R2 U2 2R2 u2
2R2 u2

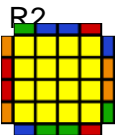


PLL Parity



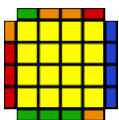
Ka
Adj Corner Swap

y 3Lw' U R' D2 R U' R' D2 x' Rw2 U2 2R2 Uw2
2R2 Uw2
2R2 U2 2R2 Uw2 2R2 Uw2 x R2 D2 R U R' D2 R
U' R x'
2R2 U2 2R2 u2 2R2 u2 y x' R U' R D2 R' U R D2



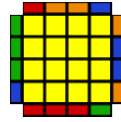
M
Adj Corner Swap

R2
R U R' U' R' F R2 U' R' U' R U R' F' 2R2 U2 2R2
Uw2 2R2 Uw2
y2 Rw2 F2 U2 2R2 U R' U' R U R' D R D' R F2 U
Rw2



Pb
Adj Corner Swap

2R2 U2 2R2 u2 2R2 u2 R U R' F' R U R' U' R' F
R2 U' R'
2R2 U2 2R2 Uw2 2R2 Uw2 R U R' F' R U R' U' R'
F R2 U' R'
y R' U L' U2 R U' 3Rw Rw2 U2 Rw2 Uw2 2R2 Uw2
x'



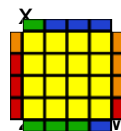
Kb
Adj Corner Swap

y' 3Rw U' L D2 L' U L D2 x' Lw2 U2 2L2 Uw2 2L2
Uw2
r2 F2 U2 r2 R2 U2 x R' D' R U2 R' D R r2 x' U'
2R2 U2 2R2 Uw2 2R2 Uw2 U x R' U R' D2 R U' R'
D2 R2 x'



Pa
Adj Corner Swap

y' 2R2 U2 2R2 u2 2R2 u2 x' R U' R D2 R' U R D2
R U R' F' R U R' U' R' F R2 U' R' U' 2R2 U2 2R2
u2 2R2 u2
R U R' F' R U R' U' R' F R2 U' R' U' 2R2 U2 2R2
Uw2 2R2 Uw2
y R U' L U2 R' U 3Rw' Rw2 U2 Rw2 Uw2 2R2 Uw2

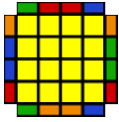


Diag C
Diag Corner Swap

x
U R' F' R U R' U' R' F R2 U' R' U' 2R2 U2
2R2 U2 2R2 Uw2
F R U' R' U' R U R' F' U' 2R2 U2 2R2 u2 2R2 u2 U'
R U R' U' R' F R F'
2R U 2R' U' Rw' F Rw2 U' Rw' U' Rw U Rw' F' R U
R' U' Rw' D' Rw U2 Rw' D Rw
F R U' R' U' R U R' F' U' 2R2 U2 2R2 Uw2 2R2
Uw2 U' R U R' U' R' F R F'
F R U' R' U' R U R' F' U' 2L2 U2 2L2 Uw2 2L2 Uw2
U' R U R' U' R' F R F'

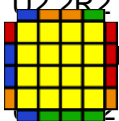


PLL Parity



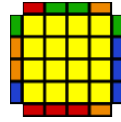
Q
Diag Corner Swap

z Rw2 Uw2' R2' Uw2' F R U R' U' R U R' U' R U R'
 U' F' U2' R2 Uw2' Rw2' z'
 y x' R U' R' D R U R' D' R U R' D R U' R' D' x U'
 2R2 U2 2R2 u2 2R2 u2
 x' R U' R' D R U R' D' R U R' D R U' R' D' x U 2R2
 U2 2R2 Uw2 2R2 Uw2



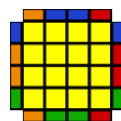
Sb
Diag Corner Swap

w2 R2 Uw2 F R U R' U' R U R' U' R U R'
 F R U' R' U' R U R' F' R U R' U' R' F R F' 2R2 U2
 2R2 Uw2 2R2 Uw2
 F R U' R' U' R U R' F' R U R' U' R' F R F' 2R2 U2
 2R2 u2 2R2 u2



Sa
Diag Corner Swap

F R U' R' U' R U R' F' R U R' U' R' F R F' U' 2R2
 U2 2R2 u2 2R2 u2
 F R U' R' U' R U R' F' R U R' U' R' F R F' U' 2R2
 U2 2R2 Uw2 2R2 Uw2



X
Diag Corner Swap

Rw2 F2 U2 Rw2 F' U' R' U R U' R' U R U' R' U R F
 R2 U2 F2 Rw2
 x' R U' R' D R U R' D' R U R' D R U' R' D' x 2R2 U2
 2R2 u2 2R2 u2
 x' R U' R' D R U R' D' R U R' D R U' R' D' x 2R2 U2
 2R2 Uw2 2R2 Uw2