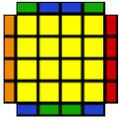




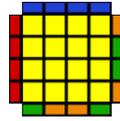
## PLL Parity

Page 1



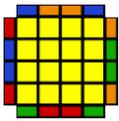
**OPP Parity**  
Edge Swap

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



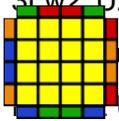
**Adj Parity**  
Edge Swap

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'



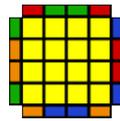
**CWO**  
Edge Swap

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'



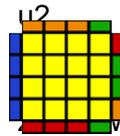
**W**  
Edge Swap

u2 2R2 U2 2R2 U R' U' R U' R U R U' R' U  
U' R'  
R' U R' U' R' U' R' U R U Rw2 U2 2R2 Uw2 2R2  
Uw2  
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 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

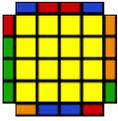


**Pj**  
Adj Corner Swap

u2  
2 U' M' U2 M2 U2 M' U' 2R2 U2 2R2 Uw2  
U' R'  
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  
u2 2R2 u2  
R U R' U' R' F R2 U' R' U' R U R' F' U' 2R2 U2 2R2  
Uw2 2R2 Uw2  
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'

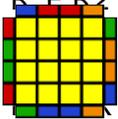


## PLL Parity



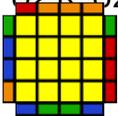
**Ba**  
Adj Corner Swap

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'



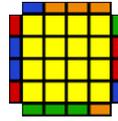
**Ca**  
Adj Corner Swap

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



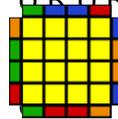
**Da**  
Adj Corner Swap

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



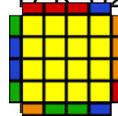
**Bb**  
Adj Corner Swap

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



**Cb**  
Adj Corner Swap

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

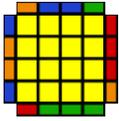


**Db**  
Adj Corner Swap

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

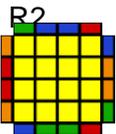


## PLL Parity



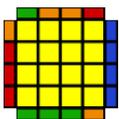
**Ka**  
Adj Corner Swap

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



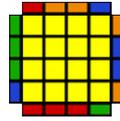
**M**  
Adj Corner Swap

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



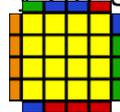
**Pb**  
Adj Corner Swap

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'



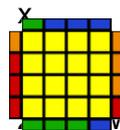
**Kb**  
Adj Corner Swap

r2 F2 U2 r2 R2 U2 x R' D' R U2 R' D R r2 x' U'  
y' 3Rw U' L D2 L' U L D2 x' Lw2 U2 2L2 Uw2 2L2  
Uw2  
2R2 U2 2R2 Uw2 2R2 Uw2 U x R' U R' D2 R U' R'  
D2 R2 x'  
y' 2R2 U2 2R2 u2 2R2 u2 x' R U' R D2 R' U R D2



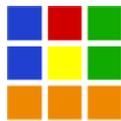
**Pa**  
Adj Corner Swap

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

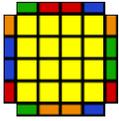


**Diag C**  
Diag Corner Swap

x  
U R' F' R U R' U' R' F R2 U' R' U' 2R2 U2  
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'

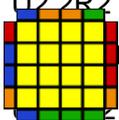


## PLL Parity



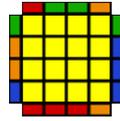
**Q**  
Diag Corner Swap

z R w2 U w2' R2' U w2' F R U R' U' R U R' U' R U R'  
 U' F' U2' R2 U w2' R w2' 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 U w2 2R2 U w2



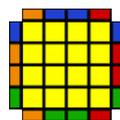
**Sb**  
Diag Corner Swap

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



**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 U w2 2R2 U w2



**X**  
Diag Corner Swap

R w2 F2 U2 R w2 F' U' R' U R U' R' U R U' R' U R F  
 R2 U2 F2 R w2  
 r2 B2 U2 r2 B R U R' U' R U R' U' R U R' U' B' R2  
 U2 B2 r2  
 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 U w2 2R2 U w2