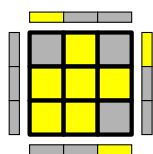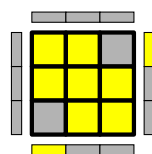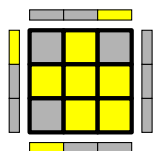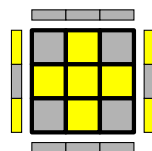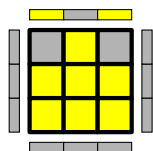# 2LLL

1   OCLL

Sune: R U R' U R U2' R'

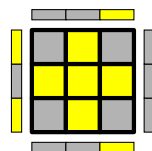**L:** F R' F' r U R U' r'

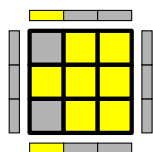**Antisune:** L' U' L U' L' U2 L

H: R U R' U R U' R' U R U2' R'

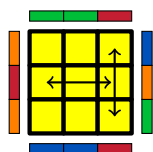**U:** R2' D' R U2 R' D R U2 R

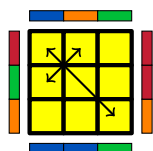**Pi:** R U2' R2' U' R2 U' R2' U2' R
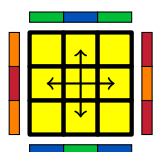
T: r U R' U' r' F R F'

2   CP

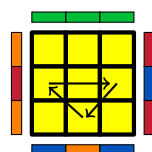**T perm:** R U R' U' R' F R2 U' R' U' R U R' F'

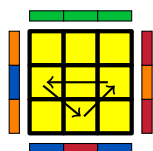**Y perm:** F R U' R' U' R U R' F' R U R' U' R' F R F'
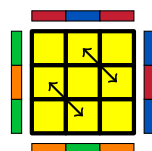
3   EPLL

H perm: M2 U M2 U2 M2 U M2

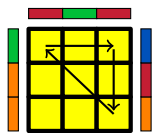**Ub perm:** M2 U' M U2 M' U' M2
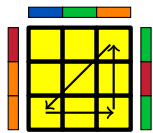
Ua perm: M2 U M U2 M' U M2
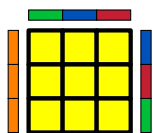
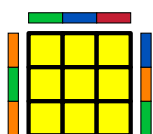**Z perm:** M2 U2 M U M2 U M2 U M

4 PLL

4.1 Adjacent corner swap
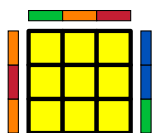
Aa perm: x R' U R' D2 R U' R' D2 R2 x'
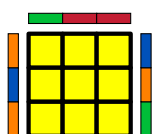
Ab Perm: x R2 D2 R U R' D2 R U' R x'

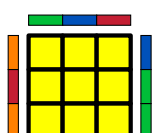**F perm:** R' U' F' R U R' U' R' F R2 U' R' U' R U R' U R

Ga perm: R2 U R' U R' U' R U' R2 U' D R' U R D'

Gb perm: R' U' R U D' R2 U R' U R U' R U' R2' D

Gc perm: R2' U' R U' R U R' U R2 U D' R U' R' D

Gd perm: R U R' U' D R2 U' R U' R' U R' U R2 D'