

setup: F R' F' R U2' F R' F' R2' U2' R'

Standard Alg: (R U2 R') (R' F R F') U2 (R' F R F')





setup: f U R U' R' f' F U R U' R' F'

Standard Alg: F (R U R' U') F' f (R U R' U') f'

✓ y' R U' R2 D' r U r' D R2 U R'	企 公
✓ FRUR'U'SRUR'U'f'	含公
✓ FRUR'U'F' fRUR'U' f'	含公
✓ y r U r' U2 R U2 R' U2 r U' r'	含公

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Standard Alg: y' f (R U R' U') f' (U') F (R U R' U') F'





Standard Alg: y' f (R U R' U') f' (U) F (R U R' U') F'

✓ y' R' F2 R2 U2 R' F' R U2 R2 F2 R	含公
✓ y'fRUR'U'f'UFRUR'U'F'	含公
✓ y F U R U' R' F' U' F R U R' U' F'	含公
✓ M U' r U2 r' U' R U' R' M'	含公

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Standard Alg: r' U2 (R U R' U) r





Standard Alg: r U2 (R' U' R U') r'

✓ r U2 R' U' R U' r'	合合
y2 l U2 L' U' L U' l' y2 l U2 L' U' L U' l' y2 l U2 L' U' L U' l' y3 l U2 L' U' L U' l' y4 l U2 L' U' L U' l' y5 l U2 L' U' L U' l' y6 l U2 L' U' L U' l' y7 l U2 L' U' L U' l' y8 l U2 L' U' L' y8 l U2 L' U' L U' L' y8 l U2 L'	含☆
✓ F U' R2 D R' U' R D' R2 U F'	含☆
✓ LF2 l' U' l F' L'	合公

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Standard Alg: r (U R' U R) U2 r'





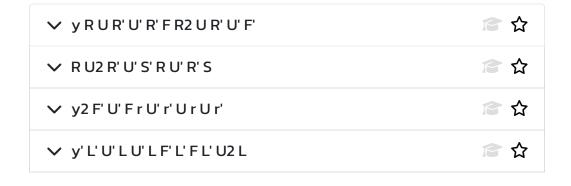
Standard Alg: y2 r' (U' R U' R') U2 r

✓ y2 r' U' R U' R' U2 r	含分
✓ I'U'LU'L'U2I	含☆
✓ R U2 R' U2 R' F R F'	€ ☆
✓ R' F' r U' r' F2 R	企 ☆

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Standard Alg: y (R U R' U') (R' F R) (R U R' U') F'





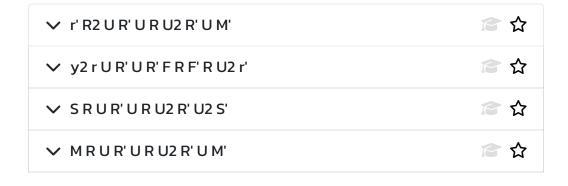
Standard Alg: (R U R' U) (R' F R F') (R U2 R')

✓ R U R' U R' F R F' R U2 R'	定 公
✓ y F U F' R' F R U' R' F' R	含公
y2 L'U'LULF'L2 U'LUF	含公
✓ y M' R' U2 R U R' U R U M	含公

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Standard Alg: M (R U R' U R U2 R') U M'





Standard Alg: y' M' (R' U' R U' R' U2 R) U' M

✓ y' M' R' U' R U' R' U2 R U' M	含公
✓ y' S R' U' R U' R' U2 R U2 S'	含公
✓ FRUR'U'F'UFRUR'U'F'	含公
✓ y l L 2 U' L U' L' U 2 L U' M'	含合

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Standard Alg: (r U' r') U' (r U r') (F' U F)





Standard Alg: R' F (R U R') F' R (F U' F')

✓ R' F R U R' F' R F U' F'	含公
✓ r U R' U' r' F R2 U R' U' F'	含分
✓ F'U'L'UL2FL'U'L'UL	含公
✓ l'UlUl'U'lFU'F'	含☆

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Standard Alg: (r' U' r) (R' U' R U) (r' U r)





Standard Alg: (r U r') (R U R' U') (r U' r')

✓ r U r' R U R' U' r U' r'	含分
✓ r U M U R' U' r U' r'	含分
✓ y2 R' F R U R' U' F' R U' R' U2 R	6 4
y2 l U l' L U L' U' l U' l'	A

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Standard Alg: (R U R' U) (R' F R F') U2 (R' F R F')





Standard Alg: y (R U2 R') (R' F R F') U2 M' (U R U' r')

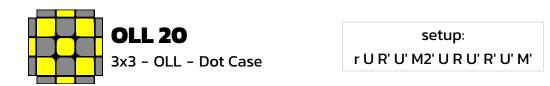
✓ y R U2 R2 F R F' U2 M' U R U' r'	€ ☆
✓ r U R' U R U2 r2 U' R U' R' U2 r	€ ☆
✓ y F S' R U' R' S R U2 R' U' F'	含☆
✓ R D r' U' r D' R' U' R2 F R F' R	ଛ ☆

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Standard Alg: M U (R U R' U') M' (R' F R F')





Standard Alg: (r U R' U') M2 (U R U' R') U' M'

✓ r U R' U' M2 U R U' R' U' M'	含公
✓ S' R U R' S U' M' U R U' r'	含公
✓ SR'U'RURURU'R'S'	含公
✓ M U R U R' U' M2 U R U' r'	含公

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Standard Alg: (R U R' U) (R U' R' U) (R U2 R')





Standard Alg: R U2 (R2' U') (R2 U') (R2' U') U' R

✓ R U2 R2 U' R2 U' R2 U2 R	企 公
✓ R' U2 R2 U R2 U R2 U2 R'	含☆
✓ fRUR'U'S'RUR'U'F'	含☆
✓ fRUR'U'f'FRUR'U'F'	合公

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Standard Alg: R2 D (R' U2 R) D' (R' U2 R')





Standard Alg: (r U R' U') (r' F R F')

✓ r U R' U' r' F R F'	含分
✓ yRURDR'U'RD'R2	含☆
✓ y' x' R U R' D R U' R' D' x	含☆
✓ y2 R' F' r U R U' r' F	合公

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Standard Alg: y (F' r U R') (U' r' F R)





Standard Alg: y R U2 (R' U' R U') R'

✓ y R U2 R' U' R U' R'	含分
✓ R' U' R U' R' U2 R	含分
✓ y2 L' U' L U' L' U2 L	合公
✓ y2 L' U R U' L U R'	≈ ☆

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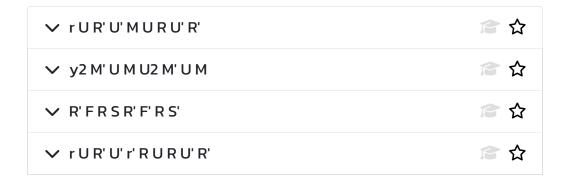


Standard Alg: (R U R' U) (R U2 R')





Standard Alg: (r U R' U') M (U R U' R')



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Standard Alg: y (R U R') U' (R U' R') (F' U' F) (R U R')





setup: F U R U2' R' U R U2' R' U' F' y2'

Standard Alg: y2 F U (R U2 R') U' (R U2 R') U' F'

✓ y' r' D' r U' r' D r2 U' r' U r U r'	含☆
✓ y2 F U R U2 R' U' R U2 R' U' F'	含☆
✓ y2 F R' F R2 U' R' U' R U R' F2	含公
✓ MU'L'U'LULF'L'FM'	₽

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Standard Alg: (R' U' F) (U R U' R') F' R

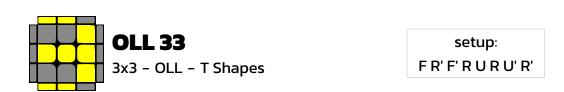




Standard Alg: S (R U R' U') (R' F R f')

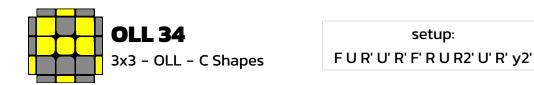
✓ SRUR'U'R'FRf'	
✓ y2LUF'U'L'ULFL'	€ ☆
✓ R U B' U' R' U R B R'	€ ☆
✓ y'R'FRF'U'rU'r'UrUr'	€ ☆

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Standard Alg: (R U R' U') (R' F R F')





Standard Alg: y2 R U R2 U' R' F (R U R U') F'

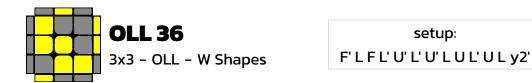
✓ y f R f' U' r' U' R U M'	含公
✓ y2 R U R2 U' R' F R U R U' F'	含公
✓ FRUR'U'R'F'rURU'r'	含公
✓ y2 R U R' U' B' R' F R F' B	含公

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Standard Alg: (R U2 R') (R' F R F') (R U2 R')





Standard Alg: y2 (L' U' L U') (L' U L U) (L F' L' F)

✓ y2 L' U' L U' L' U L U L F' L' F	含☆
✓ y R U R2 F' U' F U R2 U2 R'	
✓ y2RUR'F'RUR'U'R'FRU'R'FRF'	含☆
✓ y2 R' F' U' F2 U R U' R' F' R	☆

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OLL - Speed Cube Database



Standard Alg: FR (U'R'U') (RUR') F'





setup: F R' F' R U R U R' U' R U' R'

Standard Alg: (R U R' U) (R U' R' U') (R' F R F')

✓ R U R' U R U' R' U' R' F R F'	
✓ y F R U' R' S U' R U R' f'	含公
y2 L' U2 l' D' l U2 l' D l L	含☆
✓ L'U'LFL'U'LULF'L'ULF'L'F	合公

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Standard Alg: y L F' (L' U' L U) F U' L'





Standard Alg: y R' F (R U R' U') F' U R

✓ y R' F R U R' U' F' U R	含公
✓ y'fR'F'RURU'R'S'	含分
✓ y'L'U'LFUF'U'L'U2L	合公
✓ RrDr'UrD'r'U'R'	A

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OLL - Speed Cube Database



Standard Alg: y2 (R U R' U) (R U2 R') F (R U R' U') F'





Standard Alg: (R' U' R U') (R' U2 R) F (R U R' U') F'

✓ R' U' R U' R' U2 R F R U R' U' F'	合公
✓ yFS'RUR'U'F'US	富☆
✓ yR'FRF'R'FRF'RUR'U'RUR'	含☆
✓ y R' U' F2 u' R U R' D R2 B	

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Standard Alg: y R' U' (F' U F) R





Standard Alg: f (R U R' U') f'

✓ y2 F U R U' R' F'	€ ☆
✓ fRUR'U'f'	€☆
✓ yRUBU'B'R'	含合
✓ y'LUFU'F'L'	含☆

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Standard Alg: F (R U R' U') F'





Standard Alg: R' U' (R' F R F') U R

✓ R'U'R'FRF'UR	含分
✓ y2 r' U' F R' F' R U r	含☆
✓ R' F' U' F R U' R' U2 R	含☆
✓ l'U2L2F'L'FUL'Ul	合公

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Standard Alg: F' (L' U' L U) (L' U' L U) F





Standard Alg: F (R U R' U') (R U R' U') F'

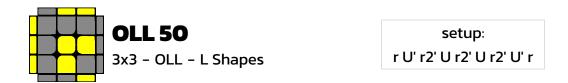
✓ FRUR'U'RUR'U'F'	含公
✓ y2 f U R U' R' U R U' R' f'	含☆
✓ R U2 R' U' R U R' U2 R' F R F'	含☆
✓ F R' F' U2 R U R' U R2 U2 R'	含公

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Standard Alg: y2 r U' (r2 U) (r2 U) (r2) U' r





Standard Alg: r' U (r2 U') (r2 U') (r2) U r'

✓ r' U r2 U' r2 U' r2 U r'	含公
✓ y2 R' F R2 B' R2 F' R2 B R'	合公
✓ y' R U2 R' U' R U' R' F R U R' U' F'	合公
✓ y2 l' U l2 U' l2 U' l2 U l'	A

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Standard Alg: f (R U R' U') (R U R' U') f'





Standard Alg: y2 R' (F' U' F U') (R U R' U) R

✓ y2 R' F' U' F U' R U R' U R	企 公
✓ R U R' U R U' B U' B' R'	含分
✓ R U R' U R d' R U' R' F'	含分
✓ RUR'URU' yRU' R'F'	A

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Standard Alg: (r' U' R U') (R' U R U') (R' U2 r)





setup: r U2' R' U' R U R' U' R U' r'

Standard Alg: (r U R' U) (R U' R' U) (R U2 r')

✓ r U R' U R U' R' U R U2 r'	€ ☆
✓ y'r U2 R' U' R U R' U' R U' r'	含公
✓ y2 x' D R2 U' R' U R U' R' U R' D' x	含☆
✓ y2 l U L' U L U' L' U L U2 l'	富公

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Standard Alg: R U2 R2 (U' R U' R') U2 (F R F')





setup: r U r' R U R' U' R U R' U' r U' r'

Standard Alg: (r U r') (U R U' R') (U R U' R') (r U' r')

✓ r U r' U R U' R' U R U' R' r U' r'	含公
✓ r U r' U R U' R' M' U R U2 r'	含公
✓ FRUR'U'RF'rUR'U'r'	企 公
✓ r U r' U R U' R' U R U' M' U' r'	≈ ☆

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Standard Alg: (R U R' U') M' (U R U' r')

✓ R U R' U' M' U R U' r'	
✓ y R U' R' S' R U R' S	企 公
✓ y S R' F R S' R' F' R	合合
✓ y R U R' S' R U' R' S	含分

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