



CGSC Strain#: 3004

Strain Designation: C600 (bio-108810)

Source of Strain: R.K. Appleyard

Other Designations: CR34

Other Designations: Q0

Other Designations: Q0A

Other Designations: W3338

Other Designations: EMG10

Sex: F- Chromosomal

Markers: *thr-1*, *leuB6*(Am), *fhuA21*, *cyn-101*, *lacY1*, *glnX44*(AS),
 λ^- , *rfbC1*, *glpR200*(*glp*^c), *thiE1*

Strain Comments:

- 1. C600 and some of its derivatives have been reported to be e14- (and therefore *mcrA*). It appears that some subcultures of C600 lost the e14 element; however, this strain carries e14
- 2. (J. Alber, Pers. Commun. 1995).
- *leuB6*(Am) -- Suppressed by serU suppressor (supH)
- *glnX44*(AS) -- Mutation is a C to T transition at nucleotide 34 (3rd position of the anticodon)
- *cyn-101* was formerly called *cyn-1*
- *glnX44*(AS) was formerly called *supE44*
- *glnX44*(AS) was formerly called *glnV44*
- *glnX44*(AS) was formerly called *su_{II}⁺*
- *rfbC1* was formerly called *rfbD1*
- *thiE1* was formerly called *thi-1*
- Am = amber(UAG) mutation
- AS = amber(UAG) suppressor
- *glp*^c = constitutive expr. *glp* regulon

References:

- Appleyard, R.K. 1954. Segregation of new lysogenic types during growth of a doubly lysogenic strain derived from Escherichia coli K12. Genetics 39:440-452