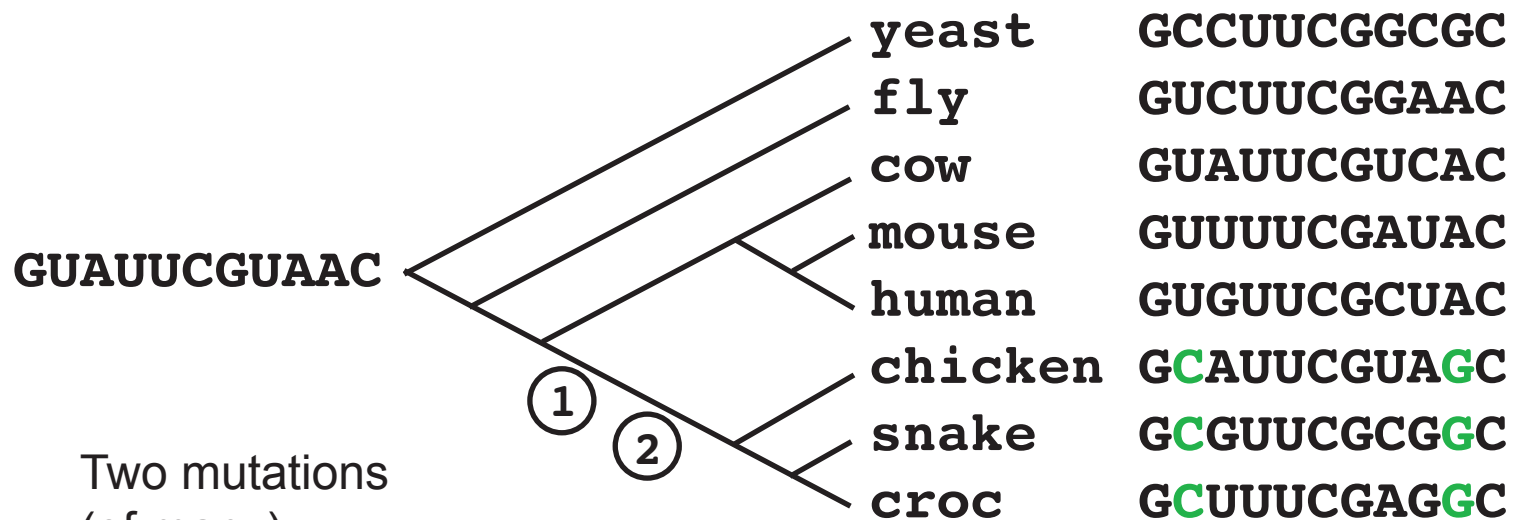


→  
*present*

|         |             |
|---------|-------------|
| yeast   | GCCUUCGGCGC |
| fly     | GUCUUCGGAAC |
| cow     | GUAUUCGUCAC |
| mouse   | GUUUUCGAUAC |
| human   | GUGUUCGCUAC |
| chicken | GCAUUCGUAGC |
| snake   | GCGUUCGCGGC |
| croc    | GCUUUCGAGGC |

time  
past → present



Two mutations  
(of many):

**GUAUUCGUAAC**

↓ ①

**GCAUUCGUAAC**

↓ ②

**GCAUUCGUAGC**