

|      |   |   |   |   |   |   |
|------|---|---|---|---|---|---|
|      | X | X | . | . | . | X |
| bat  | A | G | - | - | - | C |
| rat  | A | - | A | G | - | C |
| cat  | A | G | - | A | A | - |
| gnat | - | - | A | A | A | C |
| goat | A | G | - | - | - | C |
|      | 1 | 2 | . | . | . | 3 |