

A

| 1 | 2 | | | | | | 3 |
|---|---------|---------|----------|-------------|---|--|---|
| | U | | C | | A | | |
| U | UUU Phe | UCU Ser | UAU Tyr | UGU Cys | U | | |
| U | UUC Phe | UCC Ser | UAC Tyr | UGC Cys | C | | |
| U | UUA Leu | UCA Ser | UAA stop | UGA stop | A | | |
| U | UUG Leu | UCG Ser | UAG stop | UGG Trp | G | | |
| C | CUU Leu | CCU Pro | CAU His | CGU Arg | U | | |
| C | CUC Leu | CCC Pro | CAC His | CGC Arg | C | | |
| C | CUA Leu | CCA Pro | CAA Gln | CGA Arg | A | | |
| C | CUG Leu | CCG Pro | CAG Gln | CGG Arg | G | | |
| A | AUU Ile | ACU Thr | AAU Asn | AGU Ser | U | | |
| A | AUC Ile | ACC Thr | AAC Asn | AGC Ser | C | | |
| A | AUA Ile | ACA Thr | AAA Lys | AGA Ser/Gly | A | | |
| A | AUG Met | ACG Thr | AAG Lys | AGG Ser/Gly | G | | |
| G | GUU Val | GCU Ala | GAU Asp | GGU Gly | U | | |
| G | GUC Val | GCC Ala | GAC Asp | GGC Gly | C | | |
| G | GUA Val | GCA Ala | GAA Glu | GGA Gly | A | | |
| G | GUG Val | GCG Ala | GAG Glu | GGG Gly | G | | |

B



Complementary rearrangement

| | | | | | | | | | | | | | |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|----|
| | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | |
| IV | Y | U | N | U | A | R | Y | G | U | N | C | R | II |
| III | R | U | N | U | A | Y | R | G | U | N | C | Y | I |