

| SYMBOL | LETTERS | ORIGIN OF DESIGNATION |
|--------|------------------|--------------------------------|
| A | A | Adenine |
| C | C | Cytosine |
| G | G | Guanine |
| T | T | Thymine |
| R | A or G | puRine |
| Y | C or T | pYrimidine |
| M | A or C | aMino |
| K | G or T | Keto |
| S | C or G | Strong interaction (3 H-bonds) |
| W | A or T | Weak interaction (2 H-bonds) |
| B | C or G or T | not A, B follows A |
| D | A or G or T | not C, D follows C |
| H | A or C or T | not G, H follows G |
| V | A or C or G | not T (not U), V follows U |
| N | A or C or G or T | aNy |