IUPAC Codes for Ambiguous Nucleotides

Code	Nucleotide	Mnemonic
R	A or G	pu-R-ine
Y	C or T	p-Y-rimidine
S	G or C	S-trong (3 H-bonds)
W	A or T	W-eak (2 H-bonds)
K	G or T	K-eto
M	A or C	a-M-ino
B	C or G or T	not-A
D	A or G or T	not-C
H	A or C or T	not-G
V	A or C or G	not-(T or U)
N (or X)	any base	a-N-y (or unknown)
.	gap	

Note:

- GeneTool uses "N" to indicate "any base", and "-" rather than "." to indicate gaps.