

AA	NH1	CT1	CT2, CPx	CT3	OC	NH2	OH1	NH3	NC2	NR2, NY	CA	CPHx, CY, CPT	S	C, CC	O
ALA	N	CA		CB										C	O
ARG	N	CA	CB, CG, CD						NE, NH1, NH2					C, CZ	O
ASN	N	CA	CB			ND2								C, CG	O, OD1
ASP	N	CA	CB		OD1, OD2									C, CG	O
CYS	N	CA	CB										SG	C	O
GLN	N	CA	CB, CG			NE2								C, CD	O, OE1
GLU	N	CA	CB, CG		OE1, OE2									C, CD	O
GLY	N	CA												C	O
HIS	N	CA	CB							ND1, NE2		CG, CE1, CD2		C	O
ILE	N	CA, CB	CG1	CG2, CD										C	O
LEU	N	CA, CG	CB	CD1, CD2										C	O
LYS	N	CA	CB, CG, CD, CE					NZ						C	O
MET	N	CA	CB, CG	CE									SD	C	O
PHE	N	CA	CB								CG, CD1, CE1, CZ, CE2, CD2			C	O
PRO	N		CA, CB, CG, CD											C	O
SER	N	CA	CB				OG							C	O
THR	N	CA, CB		CG2			OG1							C	O
TRP	N	CA	CB							NE1	CD1, CE3, CZ3, CZ2, CH2	CG, CE2, CD2		C	O
TYR	N	CA	CB				OH				CG, CD1, CE1, CZ, CE2, CD2			C	O
VAL	N	CA, CB		CG1, CG2										C	O
AA	NH1	CT1	CT2	CT3	OC	NH2	OH1	NH3	NC2	NR2, NY	CA	CPHx, CY, CPT	S	C	O