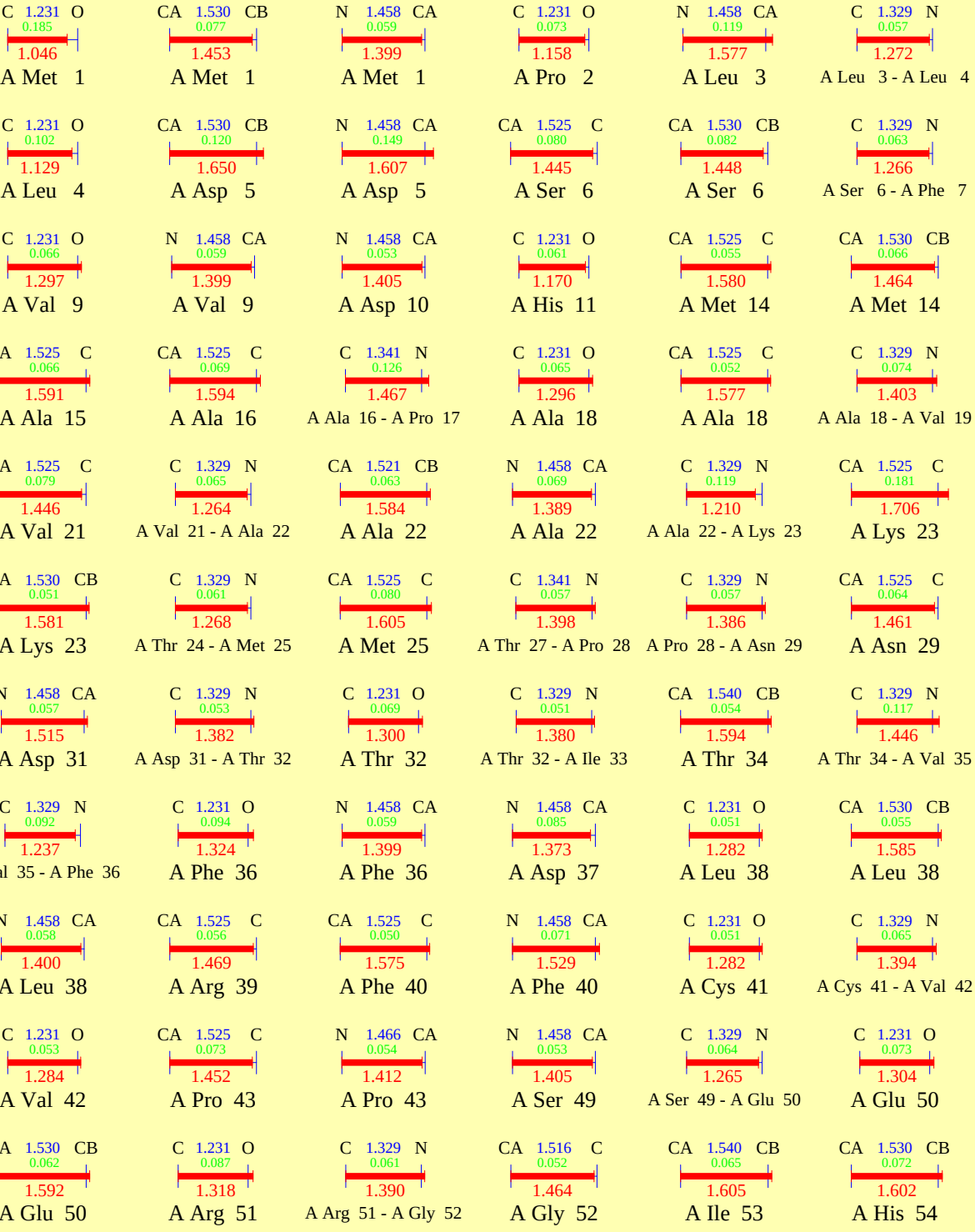
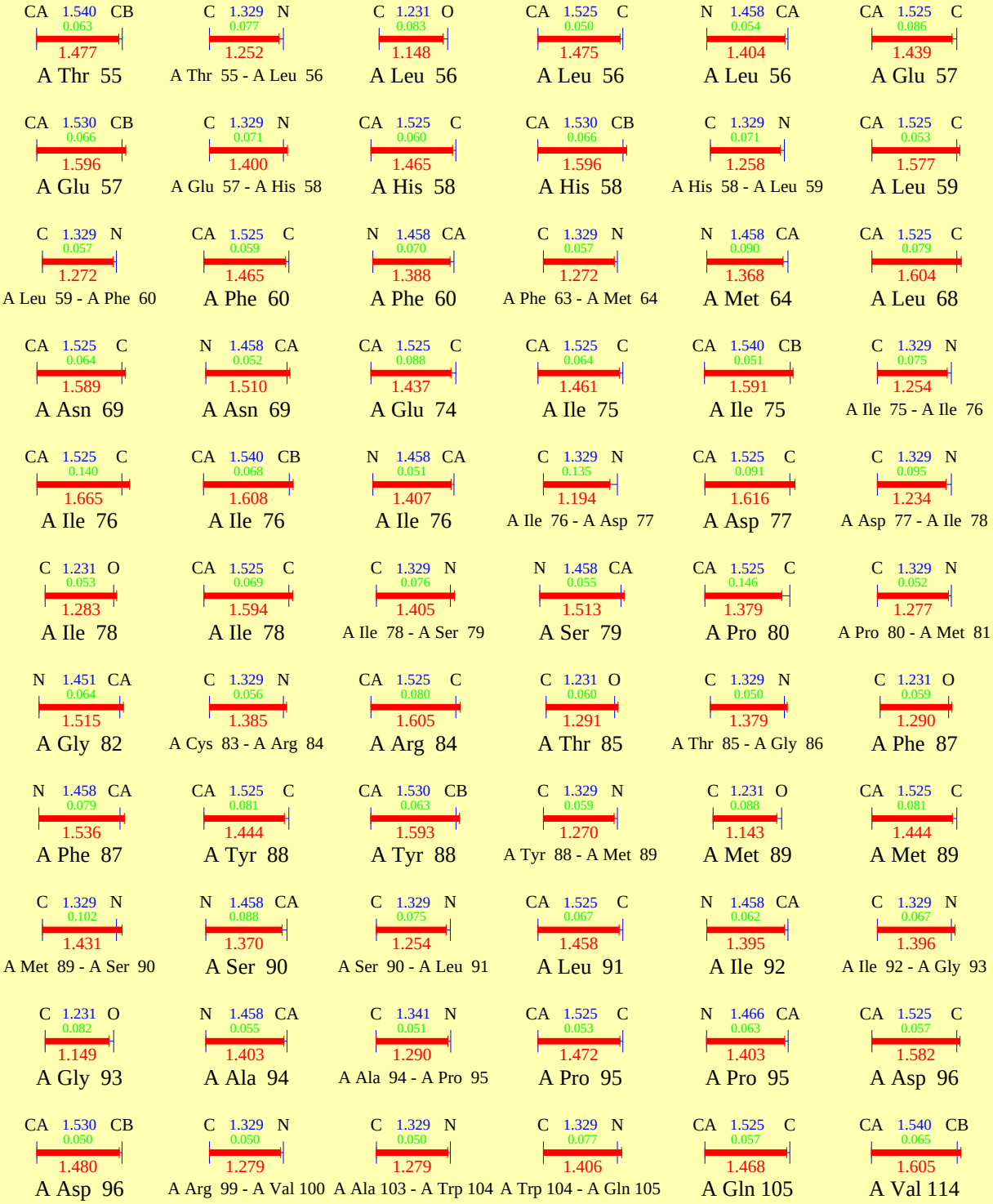
Distorted geometry
2958850

Main-chain bond lengths



Distorted geometry
2958850

Main-chain bond lengths (contd)



Distorted geometry
2958850

Main-chain bond lengths (contd)

A Val 114

A Gln 115

A Glu 116

A Glu 116

A Ile 120

A Ile 120

A Ile 120

A Pro 121

A Glu 122

A Glu 122

A Glu 125

A Glu 125 - A Tyr 126

A Cys 128

A Gly 129

A Thr 130

A Met 133

A Ser 135

A Ser 135

A Ala 141

A Arg 144

A His 145

A Val 146

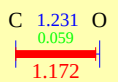
A Val 146

A Leu 147

A Leu 147 - A Glu 148

A Gly 150

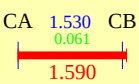
A Val 153 - A Asn 154



A Asn 156

A Leu 161 - A Pro 162

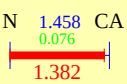
A Pro 162 - A Glu 163



A Glu 164

A Glu 164 - A Lys 165

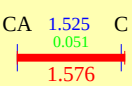
A Lys 165



A Lys 165

A Lys 167

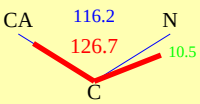
A Ser 168



A Leu 169

Bonds differing by > 0.05A from small-molecule values. Values shown: "ideal", difference, actual

Main-chain bond angles

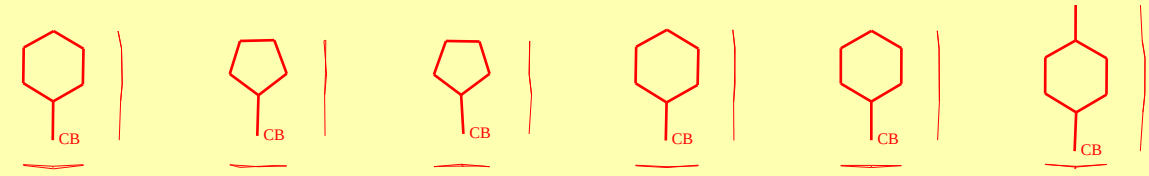


A Met 1 - A Pro 2

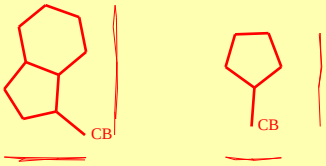
Bond angles differing by > 10.0 degrees from small-molec values. Values shown: "ideal", actual, diff.

Distorted geometry
2958850

Planar groups



0.058 A Phe 7 | 0.032 A His 54 | 0.034 A His 58 | 0.031 A Phe 60 | 0.032 A Phe 87 | 0.074 A Tyr 88



0.049 A Trp 104 | 0.042 A His 140

Sidechains with RMS dist. from planarity > 0.03A for rings, or > 0.02A otherwise. Value shown is RMS dist.