

Superkingdom	Phylum	Oxygenreq	Type	Functional group	% in proteins
Archaea	Crenarchaeota	Aerobic	disord	Isp	13.28
				Cp	7.83
				Me	6.88
				Pc	7.81
				N.C.	10.55
			order	Isp	77.92
				Cp	84.69
				Me	85.59
				Pc	84.10
				N.C.	81.36
		Facultative	disord	Isp	10.05
				Cp	5.92
				Me	5.25
				Pc	5.98
				N.C.	8.73
			order	Isp	81.92
				Cp	87.35
				Me	87.68
				Pc	86.39
				N.C.	83.20
	Euryarchaeota	Aerobic	disord	Isp	29.00
				Cp	27.87
				Me	18.19
				Pc	21.16
				N.C.	30.06
			order	Isp	62.18
				Cp	63.99
				Me	73.75
				Pc	70.73
				N.C.	61.52
		Anaerobic	disord	Isp	17.72
				Cp	13.94
				Me	9.72
				Pc	12.42
				N.C.	16.65
			order	Isp	73.63
				Cp	78.10
				Me	82.30
				Pc	79.33
				N.C.	74.43
		Facultative	disord	Isp	20.99
				Cp	20.24
				Me	12.68
				Pc	13.86
				N.C.	20.03
			order	Isp	69.81
				Cp	71.85
				Me	79.26
				Pc	77.63
				N.C.	71.47
	Nanoarchaeota	Anaerobic	disord	Isp	11.63
				Cp	7.07
				Me	5.90
				Pc	7.84
				N.C.	9.61
			order	Isp	80.01
				Cp	85.95
				Me	86.79
				Pc	85.02
				N.C.	83.61
Bacteria	Aquificae	Aerobic	disord	Isp	18.80
				Cp	13.62
				Me	9.23
				Pc	10.75
				N.C.	15.83
			order	Isp	72.82
				Cp	79.01
				Me	82.61
				Pc	80.23
				N.C.	75.70
	Bacteroidetes/Chlorobi	Aerobic	disord	Isp	34.98
				Cp	33.14

Superkingdom	Phylum	Oxygenreq	Type	Functional group	% in proteins
Bacteria	Bacteroidetes/Chlorobi	Aerobic	disord	Me	21.69
				Pc	25.86
				N.C.	35.87
			order	Isp	57.07
				Cp	60.00
				Me	70.88
				Pc	66.70
				N.C.	56.52
		Anaerobic	disord	Isp	14.48
				Cp	11.10
				Me	8.07
				Pc	9.83
				N.C.	14.12
			order	Isp	76.99
				Cp	81.07
				Me	83.89
				Pc	82.15
				N.C.	76.87
	Chloroflexi	Anaerobic	disord	Isp	14.83
				Cp	11.39
				Me	7.21
				Pc	10.01
				N.C.	17.81
			order	Isp	76.69
				Cp	80.55
				Me	84.98
				Pc	81.36
				N.C.	72.27
	Deinococcus-Thermus	Aerobic	disord	Isp	25.80
				Cp	22.16
				Me	14.17
				Pc	18.15
				N.C.	29.36
			order	Isp	66.20
				Cp	70.15
				Me	78.13
				Pc	73.38
				N.C.	62.79
	Firmicutes	Aerobic	disord	Isp	15.13
				Cp	16.31
				Me	8.57
				Pc	10.86
				N.C.	19.60
			order	Isp	75.89
				Cp	75.55
				Me	83.24
				Pc	80.53
				N.C.	70.84
		Anaerobic	disord	Isp	15.03
				Cp	14.14
				Me	8.15
				Pc	11.11
				N.C.	17.13
			order	Isp	76.20
				Cp	77.73
				Me	83.66
				Pc	80.72
				N.C.	73.67
		Facultative	disord	Isp	15.25
				Cp	16.78
				Me	8.50
				Pc	12.60
				N.C.	23.01
			order	Isp	75.81
				Cp	75.00
				Me	83.18
				Pc	78.92
				N.C.	67.75
		Microaerophilic	disord	Isp	20.93
				Cp	18.67
				Me	10.74
				Pc	14.40

Superkingdom	Phylum	Oxygenreq	Type	Functional group	% in proteins
Bacteria	Firmicutes	Microaerophilic	disord	N.C.	23.59
			order	Isp	71.85
				Cp	74.45
				Me	82.23
				Pc	78.48
				N.C.	68.95
	Planctomycetes	Aerobic	disord	Isp	25.52
				Cp	24.31
				Me	16.02
				Pc	21.09
				N.C.	31.81
			order	Isp	66.86
				Cp	68.57
				Me	75.98
				Pc	71.09
				N.C.	59.74
	Spirochaetes	Aerobic	disord	Isp	18.77
				Cp	15.67
				Me	11.06
				Pc	15.49
				N.C.	17.19
			order	Isp	71.90
				Cp	76.01
				Me	80.42
				Pc	75.91
				N.C.	72.95
		Anaerobic	disord	Isp	16.29
				Cp	13.97
				Me	8.30
				Pc	13.20
				N.C.	16.49
			order	Isp	75.68
				Cp	78.24
				Me	83.51
				Pc	78.99
				N.C.	74.50
		Microaerophilic	disord	Isp	16.02
				Cp	17.45
				Me	7.40
				Pc	10.13
				N.C.	14.02
			order	Isp	76.14
				Cp	75.42
				Me	84.79
				Pc	82.60
				N.C.	78.23
	Thermotogae	Anaerobic	disord	Isp	17.11
				Cp	14.30
				Me	7.63
				Pc	10.24
				N.C.	12.40
			order	Isp	74.72
				Cp	77.94
				Me	84.53
				Pc	81.71
				N.C.	78.97