

Superkingdom	Phylum	Oxygenreq	Type	Functional group	% in proteins
Archaea	Crenarchaeota	Aerobic	disord	Isp	4.69
				Cp	2.23
				Me	1.23
				Pc	1.91
				N.C.	4.35
			order	Isp	61.84
				Cp	72.48
				Me	73.58
				Pc	71.81
				N.C.	69.16
		Facultative	disord	Isp	3.20
				Cp	1.75
				Me	0.88
				Pc	1.71
				N.C.	3.60
			order	Isp	69.73
				Cp	78.33
				Me	77.58
				Pc	76.10
				N.C.	71.66
	Euryarchaeota	Aerobic	disord	Isp	16.04
				Cp	16.67
				Me	7.78
				Pc	10.80
				N.C.	19.36
			order	Isp	42.92
				Cp	47.27
				Me	58.35
				Pc	54.69
				N.C.	45.69
		Anaerobic	disord	Isp	7.93
				Cp	6.12
				Me	2.76
				Pc	4.70
				N.C.	8.17
			order	Isp	57.17
				Cp	63.16
				Me	68.83
				Pc	64.72
				N.C.	57.89
		Facultative	disord	Isp	9.92
				Cp	11.17
				Me	4.41
				Pc	5.58
				N.C.	10.77
			order	Isp	51.89
				Cp	55.85
				Me	65.04
				Pc	64.40
				N.C.	56.58
	Nanoarchaeota	Anaerobic	disord	Isp	4.06
				Cp	3.10
				Me	1.02
				Pc	1.68
				N.C.	4.96
			order	Isp	65.28
				Cp	77.24
				Me	76.53
				Pc	74.30
				N.C.	73.98
Bacteria	Aquificae	Aerobic	disord	Isp	7.89
				Cp	6.41
				Me	2.59
				Pc	3.43
				N.C.	7.55
			order	Isp	55.84
				Cp	64.95
				Me	69.41
				Pc	65.78
				N.C.	59.60
	Bacteroidetes/Chlorobi	Aerobic	disord	Isp	21.29
				Cp	21.52

Superkingdom	Phylum	Oxygenreq	Type	Functional group	% in proteins
Bacteria	Bacteroidetes/Chlorobi	Aerobic	disord	Me	10.17
				Pc	14.37
				N.C.	23.68
			order	Isp	38.69
				Cp	43.85
				Me	55.02
		Anaerobic	disord	Pc	50.48
				N.C.	38.00
				Isp	5.78
				Cp	4.29
				Me	1.43
				Pc	3.55
			order	N.C.	5.55
				Isp	61.35
				Cp	66.40
				Me	69.63
				Pc	68.12
				N.C.	58.34
	Chloroflexi	Anaerobic	disord	Isp	5.48
				Cp	3.99
				Me	1.25
			order	Pc	2.89
				N.C.	9.47
				Isp	61.81
	Deinococcus-Thermus	Aerobic	disord	Cp	67.02
				Me	72.74
				Pc	67.21
			order	N.C.	53.19
				Isp	15.07
				Cp	12.97
	Firmicutes	Aerobic	disord	Me	5.91
				Pc	9.09
				N.C.	18.96
			order	Isp	50.92
				Cp	56.42
				Me	65.46
		Anaerobic	disord	Pc	58.85
				N.C.	48.36
				Isp	6.06
				Cp	8.68
				Me	2.11
				Pc	4.14
			order	N.C.	10.98
				Isp	58.96
				Cp	59.33
				Me	69.41
				Pc	66.11
				N.C.	52.82
		Facultative	disord	Isp	5.92
				Cp	6.67
				Me	1.80
			order	Pc	4.69
				N.C.	8.43
				Isp	60.04
	Microaerophilic	Microaerophilic	disord	Cp	62.53
				Me	70.14
				Pc	67.49
			order	N.C.	56.55
				Isp	6.33
				Cp	9.12
			disord	Me	2.10
				Pc	5.80
				N.C.	13.91
			order	Isp	59.52
				Cp	59.07
				Me	69.04
			disord	Pc	64.15
				N.C.	49.28
				Isp	10.76
			disord	Cp	10.35
				Me	3.98
				Pc	6.58

Superkingdom	Phylum	Oxygenreq	Type	Functional group	% in proteins
Bacteria	Firmicutes	Microaerophilic	disord	N.C.	15.18
			order	Isp	58.35
				Cp	62.36
				Me	71.63
				Pc	66.31
				N.C.	55.16
	Planctomycetes	Aerobic	disord	Isp	13.39
				Cp	13.39
				Me	5.77
				Pc	10.50
				N.C.	18.84
			order	Isp	50.40
				Cp	51.92
				Me	59.12
				Pc	54.18
				N.C.	39.89
	Spirochaetes	Aerobic	disord	Isp	8.13
				Cp	6.96
				Me	2.56
				Pc	7.19
				N.C.	7.59
			order	Isp	54.13
				Cp	59.07
				Me	63.98
				Pc	58.90
				N.C.	51.62
		Anaerobic	disord	Isp	6.92
				Cp	6.42
				Me	1.87
				Pc	6.23
				N.C.	7.79
			order	Isp	60.39
				Cp	63.93
				Me	69.46
				Pc	64.62
				N.C.	55.28
		Microaerophilic	disord	Isp	7.20
				Cp	9.28
				Me	1.53
				Pc	4.16
				N.C.	7.03
			order	Isp	60.86
				Cp	62.59
				Me	72.53
				Pc	71.87
				N.C.	63.54
	Thermotogae	Anaerobic	disord	Isp	7.26
				Cp	7.12
				Me	1.68
				Pc	2.78
				N.C.	4.36
			order	Isp	58.85
				Cp	64.25
				Me	71.95
				Pc	68.17
				N.C.	63.79