

SUPERKINGDOM	PHYLUM	TYPE	Region num	Region len	Protein len	Region/100AA Protein	% of protein	AA/Region
Archaea	Crenarchaeota	disord	12698	292705	2306250	0.0055	12.6918	23.0513
		order	41320	2819260	3369372	0.0123	83.6732	68.2299
	Euryarchaeota	disord	69923	1971227	10321928	0.0068	19.0975	28.1914
		order	166367	9640287	12601848	0.0132	76.4990	57.9459
	Nanoarchaeota	disord	568	14476	100365	0.0057	14.4234	25.4859
		order	1830	125476	150536	0.0122	83.3528	68.5661
Bacteria	ActinoBacteria	disord	132371	4356131	18894927	0.0070	23.0545	32.9085
		order	254418	14889294	20654511	0.0123	72.0874	58.5230
	AlphaproteoBacteria	disord	127774	3769945	19952566	0.0064	18.8945	29.5048
		order	295029	18171012	23664835	0.0125	76.7849	61.5906
	Aquificae	disord	2372	62033	386995	0.0061	16.0294	26.1522
		order	6310	380342	480623	0.0131	79.1352	60.2761
	Bacteroidetes/Chlorobi	disord	44447	1162875	7276171	0.0061	15.9820	26.1632
		order	118283	6822862	8675765	0.0136	78.6428	57.6825
	BetaproteoBacteria	disord	102491	3236350	16425802	0.0062	19.7028	31.5769
		order	232921	14733104	19225936	0.0121	76.6314	63.2537
	Chlamydiae/Verrucomicrobia	disord	19217	563311	3129714	0.0061	17.9988	29.3132
		order	48208	2869651	3710400	0.0130	77.3407	59.5264
	Chloroflexi	disord	3971	97406	656540	0.0060	14.8363	24.5293
		order	11206	686573	853605	0.0131	80.4322	61.2683
	CyanoBacteria	disord	69480	1963632	10863061	0.0064	18.0762	28.2618
		order	163855	10085681	13017739	0.0126	77.4764	61.5525
	Deinococcus-Thermus	disord	12307	402879	1714993	0.0072	23.4916	32.7358
		order	24218	1413590	1960385	0.0124	72.1078	58.3694
	DeltaproteoBacteria	disord	39558	1115485	6360756	0.0062	17.5370	28.1987
		order	98497	5978271	7668414	0.0128	77.9597	60.6950
	EpsilonproteoBacteria	disord	19953	549209	3152160	0.0063	17.4233	27.5251
		order	52817	3049649	3916078	0.0135	77.8751	57.7399
	Firmicutes	disord	257096	7223135	40669258	0.0063	17.7607	28.0951
		order	688117	40240858	51703617	0.0133	77.8299	58.4797
	FusoBacteria	disord	3326	88961	519822	0.0064	17.1137	26.7471
		order	8647	498153	639142	0.0135	77.9409	57.6099
	GammaproteoBacteria	disord	358272	9621310	58341936	0.0061	16.4912	26.8548
		order	930190	57219318	72400809	0.0128	79.0313	61.5136
	Planctomycetes	disord	17704	578545	2169433	0.0082	26.6680	32.6788
		order	31107	1541568	2263757	0.0137	68.0978	49.5569
	Spirochaetes	disord	21482	581180	3281485	0.0065	17.7109	27.0543
		order	54262	3023486	3931264	0.0138	76.9087	55.7201
	Thermotogae	disord	2630	66506	452688	0.0058	14.6914	25.2875
		order	7578	471344	582782	0.0130	80.8783	62.1990