

SUPERKINGDOM	PHYLUM	TYPE	Region num	Region len	Protein len	Region/100AA Protein	% of protein	AA/Region
Archaea	Crenarchaeota	disord	58933	528203	3376480	0.0175	15.6436	8.9628
		order	47811	2849924	3373022	0.0142	84.4917	59.6081
	Euryarchaeota	disord	241353	2855292	12661230	0.0191	22.5515	11.8304
		order	201787	9808023	12627211	0.0160	77.6737	48.6058
	Nanoarchaeota	disord	2582	24422	151277	0.0171	16.1439	9.4586
		order	2122	126855	151222	0.0140	83.8866	59.7809
Bacteria	ActinoBacteria	disord	373476	5620926	20778029	0.0180	27.0523	15.0503
		order	312662	15157631	20692812	0.0151	73.2507	48.4793
	AlphaproteoBacteria	disord	426128	5317317	23763202	0.0179	22.3763	12.4782
		order	354545	18449158	23703380	0.0150	77.8334	52.0362
	Aquificae	disord	8928	95438	481302	0.0185	19.8291	10.6897
		order	7560	386156	481040	0.0157	80.2752	51.0788
	Bacteroidetes/Chlorobi	disord	162543	1772910	8697676	0.0187	20.3837	10.9073
		order	139910	6926401	8684009	0.0161	79.7604	49.5061
	BetaproteoBacteria	disord	336842	4450322	19398276	0.0174	22.9418	13.2119
		order	279613	14948670	19270505	0.0145	77.5728	53.4620
	Chlamydiae/Verrucomicrobia	disord	67449	813587	3726891	0.0181	21.8302	12.0623
		order	57502	2913809	3715263	0.0155	78.4281	50.6732
	Chloroflexi	disord	15914	160043	855546	0.0186	18.7065	10.0567
		order	13119	695622	853876	0.0154	81.4664	53.0240
	CyanoBacteria	disord	236870	2833916	13070065	0.0181	21.6825	11.9640
		order	196389	10238195	13038677	0.0151	78.5217	52.1322
	Deinococcus-Thermus	disord	36869	528710	1971621	0.0187	26.8160	14.3402
		order	30625	1443031	1964545	0.0156	73.4537	47.1194
	DeltaproteoBacteria	disord	140066	1633857	7701894	0.0182	21.2137	11.6649
		order	117581	6069015	7680817	0.0153	79.0152	51.6156
	EpsilonproteoBacteria	disord	74455	829577	3928279	0.0190	21.1181	11.1420
		order	63185	3099749	3921189	0.0161	79.0513	49.0583
	Firmicutes	disord	983444	11010288	51878085	0.0190	21.2234	11.1956
		order	821235	40891100	51773842	0.0159	78.9802	49.7922

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Bacteria	Firmicutes							
	FusoBacteria	disord	12254	134943	640656	0.0191	21.0633	11.0122
		order	10440	506801	640516	0.0163	79.1239	48.5442
	GammaproteoBacteria	disord	1318628	14595777	72631067	0.0182	20.0958	11.0689
		order	1105089	58049743	72501440	0.0152	80.0670	52.5295
	Planctomycetes							
		disord	45802	726389	2304602	0.0199	31.5191	15.8593
		order	38909	1578354	2278779	0.0171	69.2631	40.5653
	Spirochaetes							
		disord	76831	866841	3940808	0.0195	21.9965	11.2824
		order	65170	3076090	3935782	0.0166	78.1570	47.2010
	Thermotogae							
		disord	10609	106773	584267	0.0182	18.2747	10.0644
		order	8948	477804	583148	0.0153	81.9353	53.3979