Actinobacteria -	94	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0
Apicomplexa -	1	63	4	0	13	0	0	11	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	2	0	0	0	0
Arthropoda -	1	9	60	0	3	1	3	3	0	0	1	0	1	0	1	2	0	4	0	0	0	0	2	1	6	1	0	2	1	0
Artverviricota -	0	11	1	0	0	0	7	0	0	0	24	10	3	0	5	26	0	1	0	0	0	0	1	1	2	6	0	1	1	0
Ascomycota -	0	32	9	0	7	3	6	2	0	0	0	1	1	0	1	8	0	3	0	0	0	0	1	0	13	2	1	4	6	0
Bacillariophyta -	- 2	8	15	0	20	8	5	25	0	1	0	0	1	0	3	1	0	0	0	0	0	1	3	0	2	0	0	1	3	1
Bacteroidetes -	32	3	0	0	8	0	7	1	0	1	1	1	0	1	17	11	0	0	0	0	0	9	4	0	0	0	0	0	1	0
Basidiomycota -	1	1	2	0	15	1	0	78	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
Candidatus Thermoplasmatota -	0	1	0	0	0	0	0	0	41	0	0	0	0	0	15	38	0	0	0	0	0	1	0	1	0	0	1	1	0	0
Chloroflexi -	1	0	0	0	0	0	15	0	0	25	0	0	5	0	1	11	0	0	0	0	0	1	37	0	0	0	0	1	1	0
Chordata -	0	1	0	0	0	0	0	0	0	0	92	0	0	0	0	0	0	3	0	0	0	0	0	0	2	0	0	0	0	0
Crenarchaeota -	0	2	0	0	0	0	0	0	0	0	0	96	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanobacteria -	0	1	0	0	1	0	3	0	0	6	0	0	77	0	0	3	0	0	0	0	0	0	4	0	0	2	0	1	1	0
Deinococcus-Thermus -	0	1	0	0	1	0	0	0	0	0	17	17	1	0	2	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euryarchaeota -	1	0	0	0	0	0	0	0	0	0	0	0	0	0	96	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
Firmicutes -	0	0	0	0	0	0	25	0	0	5	0	0	4	0	1	30	0	0	0	0	0	1	16	1	0	13	0	0	3	0
Kitrinoviricota -	0	3	0	0	6	1	0	0	0	3	14	1	3	0	0	0	12	0	4	0	1	0	1	0	46	0	2	0	2	0
Mollusca -	0	10	37	0	0	0	1	0	0	0	18	0	0	0	1	1	0	14	0	0	0	0	0	0	14	1	1	0	0	0
Negarnaviricota -	0	16	0	0	3	2	1	1	0	0	17	8	0	0	1	2	1	1	2	0	0	0	0	0	37	1	7	0	1	0
Peploviricota -	2	25	28	0	7	0	1	0	3	0	5	1	0	0	12	2	0	0	0	9	0	2	0	0	1	0	0	0	1	0
Pisuviricota -	0	6	0	0	7	5	3	2	0	0	17	1	5	0	1	0	0	4	3	0	0	0	0	0	32	1	2	0	9	0
Planctomycetes -	27	1	1	0	1	0	2	2	0	2	0	0	1	1	2	2	0	0	0	0	0	13	36	0	0	0	0	0	6	4
Proteobacteria -	10	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	84	0	0	0	0	0	2	0
Spirochaetes -	0	1	0	0	0	0	4	0	0	1	0	2	2	0	20	27	0	0	0	0	0	2	5	5	0	23	0	0	6	1
Streptophyta -	0	7	5	0	3	1	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	77	1	0	0	1	0
Tenericutes -	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	99	0	0	0	0
Thaumarchaeota -	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	24	68	1	0	0
Thermotogae -	0	1	0	0	0	0	3	0	0	0	0	0	0	0	11	39	0	0	0	0	0	0	0	2	0	11	1	32	0	0
Uroviricota -	13	1	0	0	0	0	2	0	0	4	0	0	1	4	0	2	0	0	0	0	0	1	12	0	0	0	0	0	59	0
Verrucomicrobia -	27	0	0	0	1	0	5	0	0	0	0	0	1	1	0	0	0	0	0	0	0	3	53	0	0	0	0	0	0	8
	ria	-xa	poda -	ota -	ta -	/ta -	es -	ıta -	ta -	exi -	ıta -	ıta -	ria -	- sn	ta -	es -	ta -	ca –	ıta -	ota -	ıta -	es -	ria -	etes -	/ta -	es -	ıta -	ae -	ıta -	oia –
	bacteria	əmple	hropo	rviricol	omycota	riophy	roidetes	omycota	smatota	loroflexi	Chordata	chaeota	Cyanobacteria	Deinococcus-Thermu	Euryarchaeota	micute	Kitrinoviricota	Mollusca	Negarnaviricota	Peploviricota	Pisuviricota	mycetes	bacteria	- C	tophyta	ericutes	Thaumarchaeota	Thermotogae	Uroviricota	Verrucomicrobia
	Actinoba	Apicom	Arthrop	Artvervir	Ascom	Bacillariop	Bacteroi	Basidiom	ιopla	Chlor	O	Crenarch	yanol	:cus	uryar	Firmi	(itrinc	~	garne	Peplc	Pisu	Planctomy	Proteoba	Spiroch	Streptop	Teneri	umar	Thern	Urc	rucor
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