

Species List for TREP Database (v. 2019)

Species in sequence names in the TREP database FASTA headers are indicated by a 4-letter code (species code). All species represented in TREP are listed in the table below, together with the number of sequences available in the database.

Species Code	Genus	Species	Taxonomy1	Taxonomy2	total_TREP Nr. of sequences	nrTREP Nr. of sequences	PTREP Nr. of sequences
Hvul	Hordeum	vulgare	PLANTAE	Monocotyledons	1153	298	96
Taes	Triticum	aestivum	PLANTAE	Monocotyledons	801	286	39
Bgt	Blumeria	graminis_tritici	FUNGI	Leotiomycetes	477	221	164
Osat	Oryza	sativa	PLANTAE	Monocotyledons	437	190	62
Bdis	Brachypodium	distachyon	PLANTAE	Monocotyledons	233	210	98
Tmon	Triticum	monococcum	PLANTAE	Monocotyledons	169	45	36
Tdur	Triticum	durum	PLANTAE	Monocotyledons	100	17	7
Ogla	Oryza	glaberrima	PLANTAE	Monocotyledons	94	87	3
Mpol	Metrosideros	polymorpha	PLANTAE	Dicotyledons	81	81	n.d.
Nmel	Neogobius	melanostomus	ANIMALIA	Actinopterygii	75	69	n.d.
Tunk	Triticum	unknown	PLANTAE	Monocotyledons	70	57	38
Scey	Saccharomyces	cerevisiae	FUNGI	No info	56	9	13
Scer	Secale	cereale	PLANTAE	Monocotyledons	43	17	5
Ehux	Emiliana	huxlei	Chromalveolates	Haptophyceae	40	40	23
Sbic	Sorghum	bicolor	PLANTAE	Monocotyledons	30	26	6
Zmay	Zea	mays	PLANTAE	Monocotyledons	29	29	19
Pinf	Phytophthora	infestans	Stramenopiles	Oomycetes	28	28	13
Aspe	Aegilops	speltoides	PLANTAE	Monocotyledons	25	2	n.d.
Atal	Arabidopsis	thaliana	PLANTAE	Dicotyledons	23	5	8
Tura	Triticum	urartu	PLANTAE	Monocotyledons	22	3	1
Atau	Aegilops	tauschii	PLANTAE	Monocotyledons	22	11	n.d.
Glam	Giardia	lamblia	POD	Diplomonads	19	19	8
Gthe	Guillardia	theta	Chromalveolates	Cryptophyta	16	16	14
Bcre	Burkholderia	crenata	BACTERIA	No info	14	1	1
Sphi	Sphingobium	michaelis	BACTERIA	No info	12	11	13
Cele	Caenorhabditis	elegans	ANIMALIA	Invertebrata	11	11	8
Bgh	Blumeria	graminis_hordei	FUNGI	Leotiomycetes	10	8	15
Pfor	Phialocephala	fortinii	FUNGI	Leotiomycetes	10	10	n.d.
Pmar	Perkinsus	marinus	Alveolates	Alveolata	7	7	8
Dpur	Dictyostelium	purpureum	Amoebozoans	Mycetozoa	7	7	15
Ecol	Escherichia	coli	BACTERIA	No info	7	6	5
Dmel	Drosophila	melanogaster	ANIMALIA	Invertebrata	6	6	12
Ppat	Physcomitrella	patens	PLANTAE	Bryophyta	5	4	1
Mgri	Magnaporthe	grisea	FUNGI	Sordariomycetes	5	5	3

Ngru	Negleria	gruberi	JEH	Heteroloboseans	5	5	15
Bumb	Burkholderia	umbellata	BACTERIA	No info	4	4	n.d.
Ztri	Zymoseptoria	tritici	FUNGI	Leotiomycetes	4	3	n.d.
Unkn	Unknown	unknown	No info	No info	3	3	7
Ptri	Populus	trichocarpa	PLANTAE	Dicotyledons	2	2	n.d.
Ehis	Entamoeba	histolytica	Amoebozoans	Archamoebae	2	2	1
Aory	Aspergillus	oryzae	FUNGI	No info	1	1	1
Ncra	Neurospora	crassa	FUNGI	Sordariomycetes	1	1	n.d.
Hsap	Homo	sapiens	ANIMALIA	Vertebrata	1	1	5
Tbru	Trypanosoma	brucei	JEH	Euglenozoans	1	1	1
Tvag	Trichomonas	vaginalis	POD	Parabasalids	1	1	1
Rhiz	Rhizaria	unknown	Rhizaria	Amoeboids	n.d.	n.d.	6
Thas	Tarenaya	hassleriana	PLANTAE	Dicotyledons	n.d.	n.d.	4
Mbre	Monosiga	brevicollis	Opisthokonta	Choanoflagellida	n.d.	n.d.	3
Ntab	Nicotiana	tabacum	PLANTAE	Dicotyledons	n.d.	n.d.	3
Mtru	Medicago	truncatula	PLANTAE	Dicotyledons	n.d.	n.d.	2
Stub	Solanum	tuberosum	PLANTAE	Dicotyledons	n.d.	n.d.	2
Ljap	Lotus	japonicus	PLANTAE	Dicotyledons	n.d.	n.d.	2
Bvul	Beta	vulgaris	PLANTAE	Dicotyledons	n.d.	n.d.	2
Atam	Alexandrium	tamaresea	Alveolates	Alveolata	n.d.	n.d.	2
Tcac	Theobroma	cacao	PLANTAE	Dicotyledons	n.d.	n.d.	2
Bnap	Brassica	napus	PLANTAE	Dicotyledons	n.d.	n.d.	2
Bumb	Burkholderia	umbellata	BACTERIA	No info	n.d.	n.d.	2
Sfle	Shigella	flexneri	BACTERIA	Proteobacteria	n.d.	n.d.	1
Cglu	Corynebacterium	glutamicum	BACTERIA	No info	n.d.	n.d.	1
Mlot	Mesorhizobium	loti	BACTERIA	No info	n.d.	n.d.	1