

Organism name and sequence ID	Number of gaps (percentage)
Spizellomyces punctatus SPPG-07143T0	0 (0.0)
Danio rerio ENSDARP00000079663	0 (0.0)
Gasterosteus aculeatus ENSGACP00000003905	0 (0.0)
Takifugu rubripes ENSTRUP00000030991	0 (0.0)
Tetraodon nigroviridis ENSTNIP00000005287	0 (0.0)
Xiphophorus maculatus ENSXMAP00000000846	0 (0.0)
Latimeria chalumnae ENSLACP00000011766	0 (0.0)
Drosophila melanogaster FBpp0081466	0 (0.0)
Callorhinchus milii 632945103	0 (0.0)
Branchiostoma floridae 260782301	0 (0.0)
Capitella teleta 443696776	0 (0.0)
Apis mellifera 571508548	0 (0.0)
Thecamonas trahens AMMSG-05614T0	0 (0.0)
Batrachochytrium dendrobatidis 575474224	0 (0.0)
Crassostrea gigas 405975645	0 (0.0)
Lottia gigantea 556094991	0 (0.0)
Saprolegnia diclina 530726775	0 (0.0)
Aphanomyces astaci 574103097	0 (0.0)
Canis lupus ENSCAFP00000009079	0 (0.0)
Ornithorhynchus anatinus ENSOANP00000010793	0 (0.0)
Bos taurus ENSBTAP00000027702	0 (0.0)
Pteropus vampyrus ENSPVAP00000006447	0 (0.0)
Homo sapiens ENSP00000349205	0 (0.0)
Otolemur garnettii ENSOGAP00000007000	0 (0.0)
Mus musculus ENSMUSP000000067400	0 (0.0)
Pelodiscus sinensis ENSPSIP00000002713	0 (0.0)
Anas platyrhynchos ENSAPLP00000010174	0 (0.0)
Ficedula albicollis ENSFALP00000013105	0 (0.0)
Taeniopygia guttata ENSTGUP00000004192	0 (0.0)
Xenopus tropicalis ENSXETP00000004982	0 (0.0)
Lepisosteus oculatus ENSLOCP00000001871	0 (0.0)
Oreochromis niloticus ENSONIP00000002550	1 (0.12)
Gadus morhua ENSGMOP00000003697	1 (0.12)
Ciona intestinalis ENSCINP00000005460	1 (0.12)
Nematostella vectensis 156218743	1 (0.12)
Aphanomyces invadans 574480269	1 (0.12)
Mucor circinelloides 511009779	2 (0.24)
Trichophyton rubrum 326460079	4 (0.48)
Aspergillus oryzae 83768900	4 (0.48)
Capsaspora owczarzaki 470304578	4 (0.48)
Coccidioides posadasii 303313395	4 (0.48)
Cryptococcus neoformans 540382592	5 (0.6)
Allomyces macrogynus AMAG-02895T0	6 (0.72)
Cryptococcus gattii 321264011	6 (0.72)
Helobdella robusta 555689993	6 (0.72)
Dictyostelium purpureum 330802485	7 (0.83)
Magnaporthe oryzae 389628626	7 (0.83)
Phaeodactylum tricornutum 219127594	7 (0.83)
Candida tropicalis 255727190	7 (0.83)
Phytophthora parasitica 568103383	9 (1.07)
Phytophthora infestans 301091919	9 (1.07)
Echinococcus granulosus 556521595	9 (1.07)
Blumeria graminis 521771122	9 (1.07)
Naegleria gruberi 291000750	9 (1.07)
Dictyostelium fasciculatum 470251580	10 (1.19)
Clonorchis sinensis 358341839	12 (1.43)
Fragaria vesca 470141421	13 (1.55)
Aplysia californica 524910995	14 (1.67)
Zea mays 413939320	14 (1.67)

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Physcomitrella patens 162680728	15 (1.79)
Selaginella moellendorffii 300154027	15 (1.79)
Eutrema salsugineum 557114017	15 (1.79)
Arabidopsis thaliana 15233564	15 (1.79)
Ostreococcus lucimarinus 145345011	16 (1.91)
Entamoeba histolytica 67473216	16 (1.91)
Entamoeba nuttalli 407036927	16 (1.91)
Monodelphis domestica ENSMODP00000015056	16 (1.91)
Acanthamoeba castellanii 470509949	17 (2.03)
Caenorhabditis elegans ZK930.1a	19 (2.26)
Triticum urartu 474434175	19 (2.26)
Micromonas pusilla 303271833	25 (2.98)
Leishmania braziliensis 154340533	26 (3.1)
Mortierella verticillata MVEG-06780T0	29 (3.46)
Thalassiosira pseudonana 220976169	30 (3.58)
Fonticula alba H696-01790T0	33 (3.93)
Chlorella variabilis 552825556	33 (3.93)
Monosiga brevicollis 167534887	36 (4.29)
Populus trichocarpa 550336423	37 (4.41)
Schistosoma mansoni 360043138	47 (5.6)
Saccharomyces cerevisiae YBR097W	50 (5.96)
Meleagris gallopavo ENSMGAP00000011917	51 (6.08)
Trypanosoma cruzi 407853206	54 (6.44)
Anolis carolinensis ENSACAP00000002347	59 (7.03)
Trypanosoma brucei 261334915	60 (7.15)
Tupaia belangeri ENSTBEP00000007529	64 (7.63)
Salpingoeca rosetta 326435714	69 (8.22)
Hydra vulgaris 449665199	72 (8.58)
Leishmania major 157871818	76 (9.06)
Leishmania infantum 146092133	76 (9.06)
Oxytricha trifallax 403376447	76 (9.06)
Leishmania donovani 398018212	76 (9.06)
Leishmania mexicana 401425064	76 (9.06)
Coccomyxa subellipsoidea 545368922	87 (10.37)
Loxodonta africana XP003420965	116 (13.83)
Ciona savignyi ENSCSAVP00000012067	124 (14.78)
Trichoplax adhaerens 196007140	127 (15.14)
Emiliana huxleyi 485639671	136 (16.21)
Astyanax mexicanus ENSAMXP00000015738	171 (20.38)
Saccoglossus kowalevskii 585653380	175 (20.86)
Ajellomyces capsulatus 154286454	175 (20.86)
Polysphondylium pallidum 281212562	179 (21.33)
Volvox carteri 302832507	183 (21.81)
Ectocarpus siliculosus 299117051	214 (25.51)
Rhizophagus irregularis 552925951	235 (28.01)
Erinaceus europaeus ENSEEUP00000007843	253 (30.15)
Gallus gallus ENSGALP00000036848	267 (31.82)
Rhizopus delemar 384495285	374 (44.58)
Erinaceus europaeus ENSEEUP00000002071	400 (47.68)
Blastocystis hominis 300176769	432 (51.49)
Reticulomyxa filosa 569406653	481 (57.33)
Petromyzon marinus ENSPMAP00000004074	534 (63.65)
Oryza sativa 115449223	588 (70.08)
Oryzias latipes ENSORLP00000025786	595 (70.92)
Guillardia theta 428179745	599 (71.39)
Thalassiosira oceanica 397603733	600 (71.51)
Sphaeroforma arctica SARC-12932T0	612 (72.94)
Trypanosoma vivax 343420766	672 (80.1)