The original format of the parts is the form found in the iGEM registry which relies heavily on several free text sections including the "main page" wiki. Whilst the information present on a wiki page is often extensive and informative it is difficult to search over due to the variation in terms used to indicate the same thing (e.g. E. coli, E coli, Escherichia coli and the typo E. coil) and the context dependent nature of searches (e.g. is the sequence pulled from the E. coli genome, is it being used to transform E. coli, or was a B. subtilis chosen due to problems with E. coli). Thus whilst simple string searches are possible more detailed facetted search (e.g. organism designed for = E. coli or author type = undergraduate) are not possible.

The use of free text is additionally problematic as the information provided by students is very varied. Without a set of boxes for each piece of information required students may forget to provide some types of information or not know that the information would be useful for other people.

**COS10MT**

-information is lacking as students might not think to provide it

-descriptions can be inscrutable

-knowning where to look for information about a part is difficult

-lack of annotation of parts which are instead described

1. Coli
2. Subtilis
3. Synechocystis
4. Pseudomonas
5. Virus
6. Streptococcus
7. Bacillus
8. Phage
9. Sv40
10. Lactis
11. Cerevisiae
12. Mays
13. Bacterium
14. Bacteria
15. Human
16. Eukaryote/eukarotic
17. Prokaryote/prokaryotic
18. Patens
19. Phytobrick
20. Thaliana
21. Yeast
22. Tuberculosis
23. legionella
24. Pseudoalteromonas atlantica
25. Chlostridium
26. Acetobutylicum
27. Lambda
28. vanilloulus sorveticus
29. mammal
30. pyralis
31. worm
32. sapiens
33. Staphylococcus
34. Aureus
35. Cmv
36. Pantoea ananatis (formerly Erwinia uredovora)
37. Salmonella
38. Luminescens
39. Citrus
40. Vibrio harveyi
41. fungus ''Cellulomonas fimi'
42. eucaryotes
43. Alcaligenes eutrophus
44. Erwinia chrysanthemi
45. Digitalis purpurea
46. Streptomyces
47. Vibro Fischeri
48. Arabidopsis
49. S. aureus
50. Pentadiplandra brazzeana
51. tumefaciens.
52. Listeria
53. Halorhodopsin
54. Sinorhizobium
55. Pichia pastoris
56. Gordonia
57. Pyrococcus
58. Neisseria gonorrhoeae
59. C. elegans
60. Deinococcus radiodurans
61. Mitochondria/mitochondrial
62. Methanobrevibacter Ruminantium.
63. Rhodobacter sphaeroids
64. Methanosarcina mazei
65. lanata
66. Caulobacter
67. Leguminosarum
68. Rhizobium
69. Gluconacetobacter hansenii
70. Magnetospirillum magneticum
71. Cellulomonas fimi
72. V. fischer
73. Aeruginosa
74. Shewanella
75. Firefly
76. Psuedomonas putida
77. Shynechococcus elongates
78. Fusarium solani
79. Clostridium acetobutylicum
80. Zymomonas mobilis
81. G. hansenii
82. HeLa
83. Bordetella pertussis
84. Azotobacter vinelandii
85. Apis Mellifera
86. Streptoccoccus Mutans
87. Mussels
88. Methyloversatilis universalis
89. Bacilli
90. Macrolepiota procera
91. S. avermitilis
92. Mytilus californianus
93. Neisseria Meningitidis
94. HEK293
95. Renilla
96. Mannheimia haemolytica
97. Oneidensis
98. Clostridium thermocellum
99. Spinach
100. Accumulibacter phosphatis
101. Sf9
102. horseshoe crabs
103. Cytophaga hutchinsonii
104. Mesoplasma florum
105. Helianthus Tuberosus
106. Chloroplast
107. Syenchocystis
108. Alcanivorax borkumensis
109. R. oryzae
110. Listeria monocytogenes
111. Spider
112. S7 micrococcal
113. Methylosinus trichosporium
114. methanococcus marapaludis
115. Thermobifida fusca
116. S. elongates
117. Aspergillus
118. Ralstonia metallidurans
119. Phaeodactylum tricornutum
120. Hepatitis B
121. Photorhabdus luminescens laumondii
122. Hammerhead
123. Methanosarcina barkeri
124. Populus
125. Stylophora pistillata
126. Crab
127. Horseradish
128. Methylococcus capsulatus
129. Pantoea ananatis
130. Anthrax
131. Mus Musculus
132. Aequorea Victoria
133. Caulobacter crescentus
134. Archaea
135. Methanococcus
136. Oceanibulbus indolifex
137. Helicoverpa armigera
138. Adoxophyes
139. Fragilariopsis cylindrus
140. Trichodesmium erythraeum
141. Azotobacter vinelandii
142. Haloferax Volcanii
143. p. Acnes
144. Chlamydomonas
145. reinhardtii
146. Spinacia oleracea
147. Vibrio
148. Marchantia polymorph
149. Nicothiana Benthamiana
150. Mannheimia haemolytica
151. Cedecea neteri
152. Klebsiella oxytoca
153. Thioclava
154. Sinorhizobium meliloti
155. Acinetobacter baumannii
156. Rhodobacter capsulatus
157. Sp.
158. Psychrobacter
159. Thalassospira
160. Lautropia mirabilis
161. Haemophilus influenza
162. Plasmodium falciparum
163. Auxenochlorella protothecoides
164. Phaeodactylum tricornutum
165. Shewanella Oneidensis
166. Magnetospirillum gryphiswaldense
167. Streptomyces hygroscopicus
168. Chlamy
169. Thermophiles
170. Fish
171. Sphingobium
172. Enterobacter aerogenes
173. Chinese honey bee
174. Serratia marcescens
175. Grapefruit
176. Orazy sativa
177. Putida
178. Thermocellum
179. Dunaliella
180. Algae
181. Drosophila melanogaster
182. Thalassiosira pseudonana
183. Clostridium cellulovorans
184. Aspergillus
185. Eucalyptus grandis
186. Neurospora tetrasperma
187. Nitrosomonas europaea
188. Cerastes
189. Vertebrate
190. Yarrowia lipolytica
191. Leishmania
192. Myxococcus xanthus
193. Meliloti
194. Ideonella Sakarinesis
195. Ralstonia eutropha
196. Cellulolyticum
197. Caulobacter crescentus
198. Oleispira Antarctica
199. xanthophyllomyces dendrorhous
200. Zoarces elongates
201. Microcystis aeruginosa
202. Lincheniformes
203. Thermus thermophiles
204. Cellulovorans
205. Pycnoporus cinnabarinus
206. Vibrio harveyi
207. Phanerochaete chrysosporium
208. Erwinia uredovora
209. Listeria monocytogenes
210. S. typh
211. Enterobacter cloacae
212. Geobacter sulfurreducens
213. CMV
214. Plant
215. Rhodobacter sphaeroides
216. Streptomicis

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