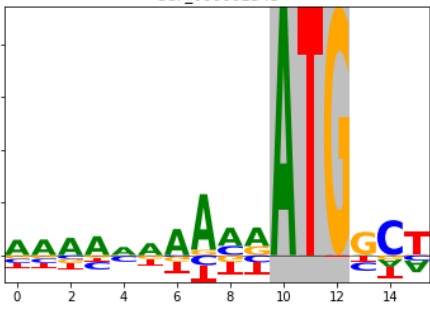
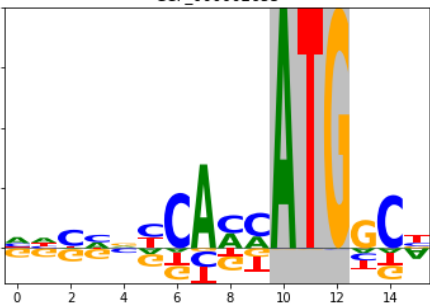
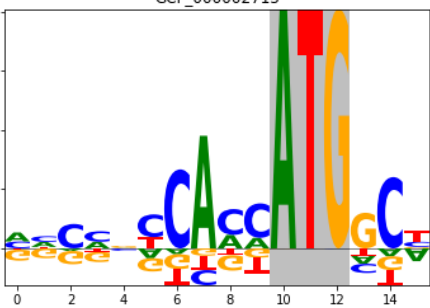
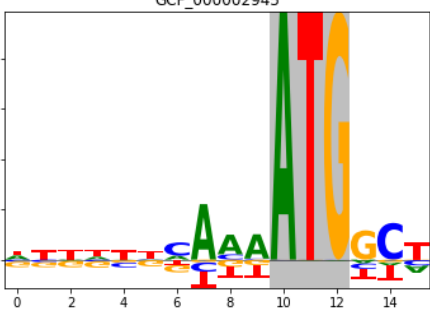
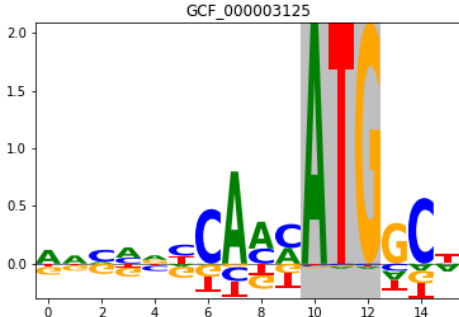
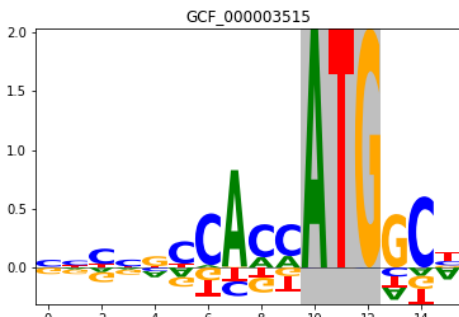
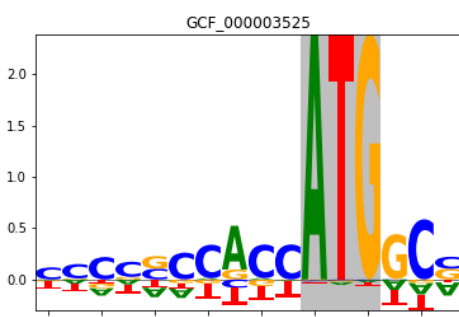
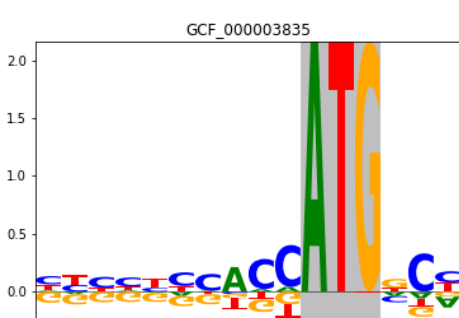
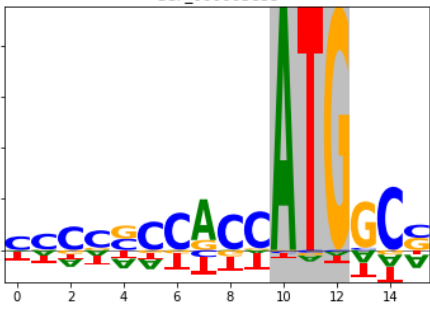
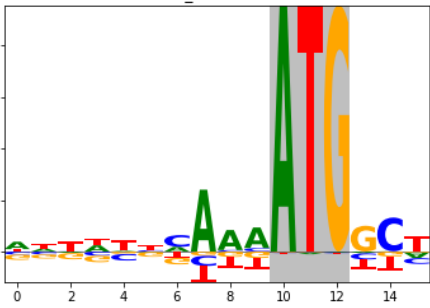
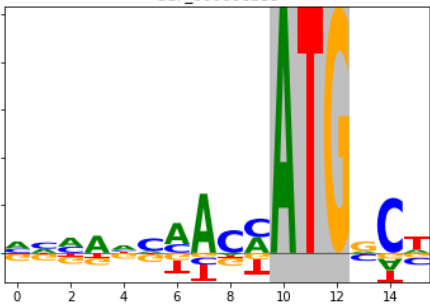
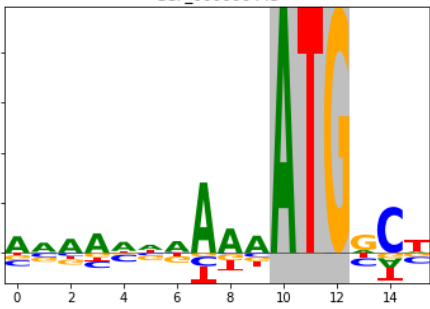


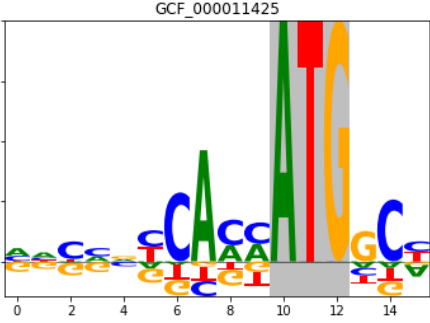
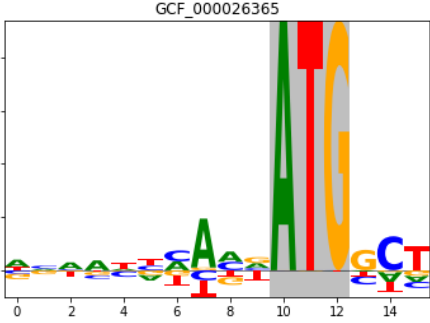
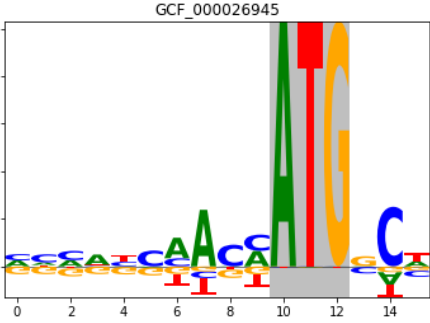
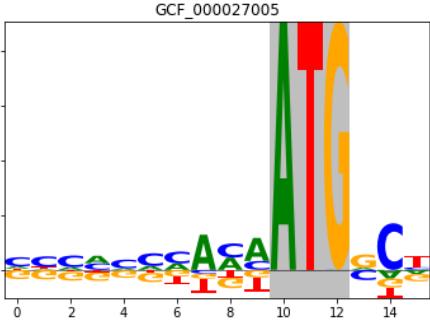
Fungal species analyzed in Osnaya, V.G., Gómez-Romero, L., Moreno-Hagelsieb, G. and Hernández, G. (2025). AUGcontext DB: A comprehensive catalog of the AUG initiator codon context across eukaryotes. *Submitted*. For the strains studied, the Cavener consensus, the genomic % A/T content, and the genome version studied, see Supplementary Table S1.

	Species	Genome ID	Genes annotated; analyzed	LOGOS -10, -9, -8, -7, -6, -5, -4, -3, -2, -1 ATG +4, +5, +6
1	Pyricularia oryzae	GCF_000002495	12825; 12805	
2	Kluyveromyces lactis	GCF_000002515	5084; 5084	
3	Yarrowia lipolytica	GCF_000002525	6471; 6471	

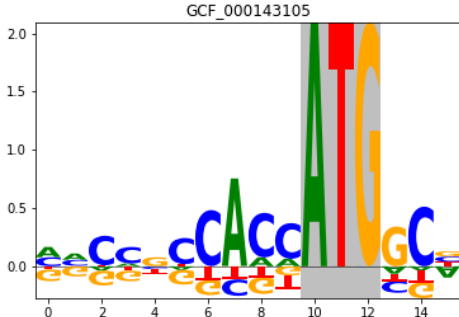
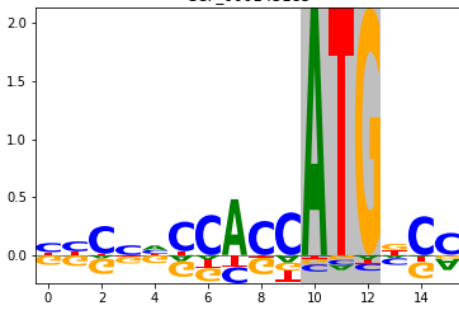
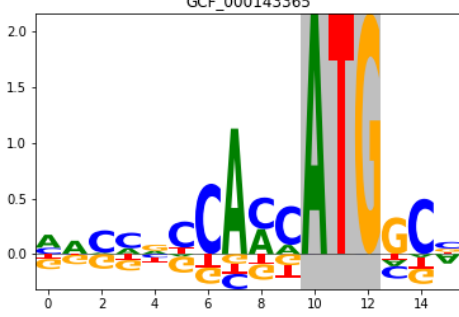
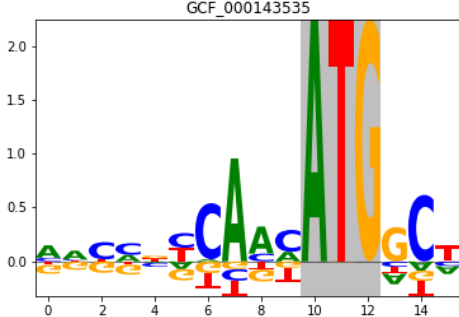
4	Nakaseomyces glabratus	GCF_ 000002545	5212; 5212	 <p>GCF_000002545</p>
5	Aspergillus fumigatus	GCF_ 000002655	9630; 9630	 <p>GCF_000002655</p>
6	Aspergillus clavatus	GCF_ 000002715	9121; 9121	 <p>GCF_000002715</p>
7	Schizosaccharomyces pombe	GCF_ 000002945	5163; 5161	 <p>GCF_000002945</p>

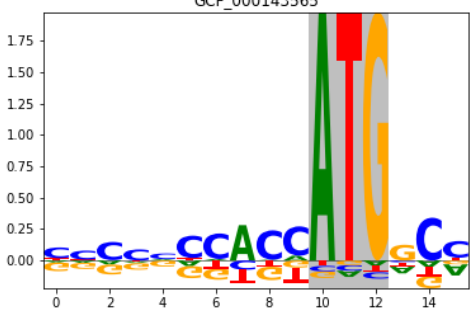
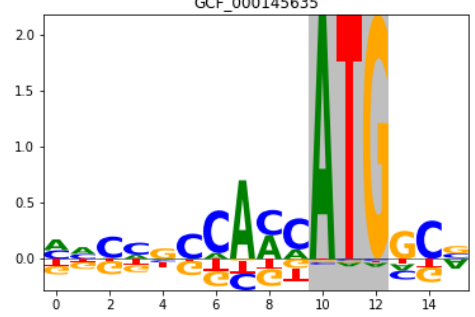
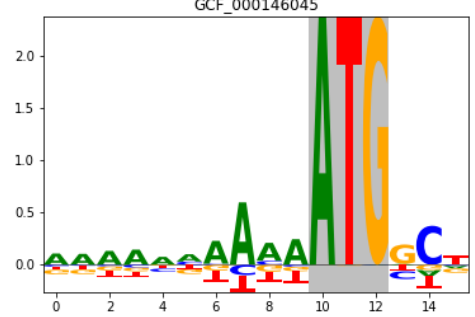
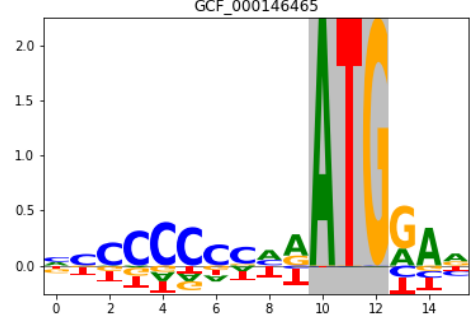
8	Talaromyces stipitatus	GCF_000003125	12457; 12453	 <p>GCF_000003125</p>
9	Uncinocarpus reesii	GCF_000003515	7759; 7758	 <p>GCF_000003515</p>
10	Blastomyces dermatitidis	GCF_000003525	9754; 9752	 <p>GCF_000003525</p>
11	Clavispora lusitaniae	GCF_000003835	5936; 5920	 <p>GCF_000003835</p>

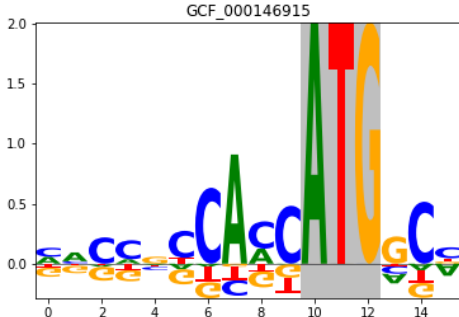
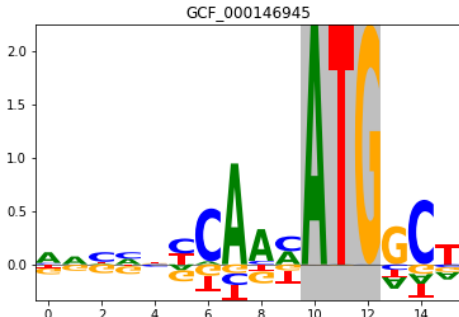
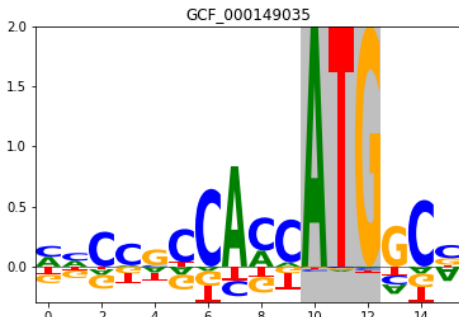
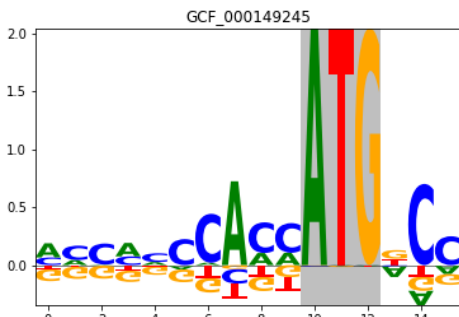
12	Blastomyces gilchristii	GCF_ 000003855	9692; 9691	 <p>GCF_000003855</p>
13	Schizosaccharomyces cryophilus	GCF_ 000004155	5155; 5150	 <p>GCF_000004155</p>
14	Candida tropicalis	GCF_ 000006335	6254; 6254	 <p>GCF_000006335</p>
15	Debaryomyces hansenii	GCF_ 000006445	6282; 6282	 <p>GCF_000006445</p>

16	Aspergillus nidulans	GCF_ 000011425	10455; 10455	 <p>GCF_000011425</p>
17	Zygosaccharomyce s rouxii	GCF_ 000026365	4991; 4991	 <p>GCF_000026365</p>
18	Candida dublinsiensis	GCF_ 000026945	5859; 5859	 <p>GCF_000026945</p>
19	Komagataella phaffii	GCF_ 000027005	5040; 5040	 <p>GCF_000027005</p>

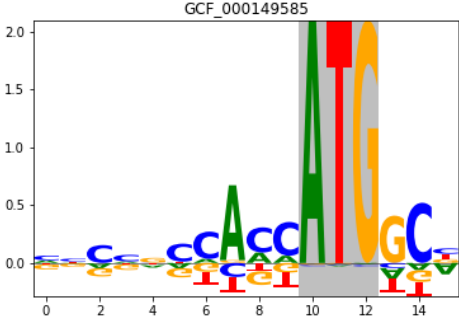
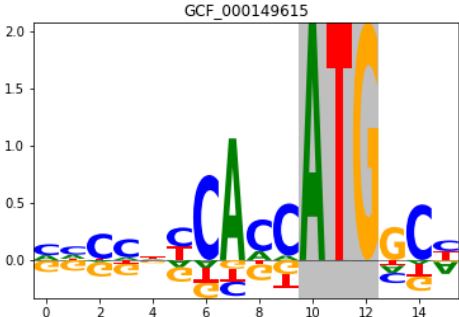
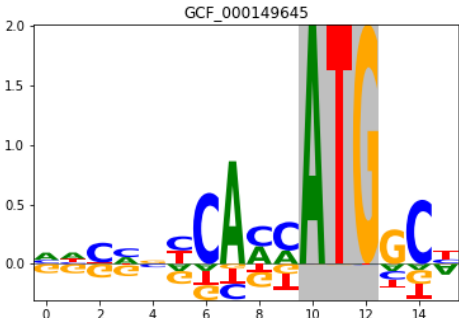
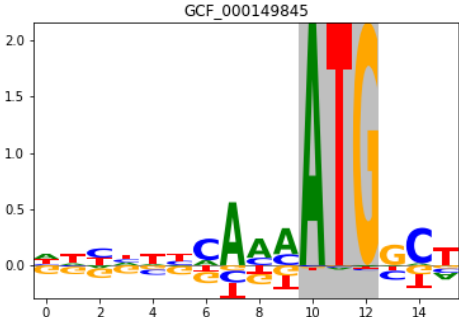
20	Eremothecium gossypii	GCF_ 000091025	4776; 4776	<p>GCF_000091025</p>
21	Cryptococcus neoformans	GCF_ 000091045	6632; 6632	<p>GCF_000091045</p>
22	Encephalitozoon cuniculi	GCF_ 000091225	2122; 2122	<p>GCF_000091225</p>
23	Lachancea thermotolerans	GCF_ 000142805	5092; 5092	<p>GCF_000142805</p>

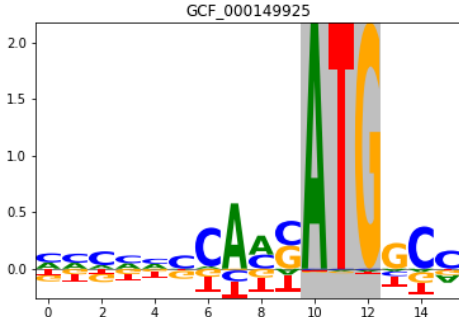
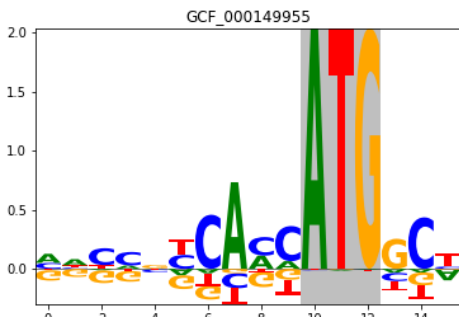
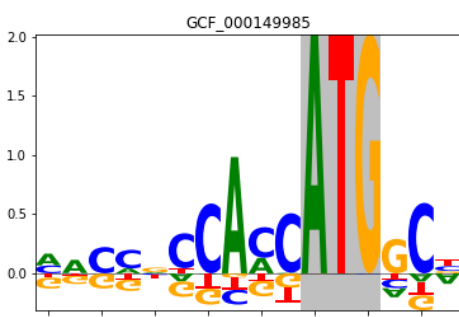
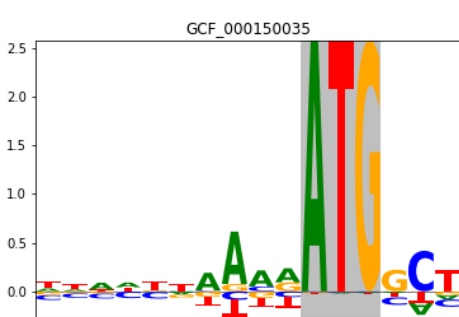
24	Grosmanina clavigera	GCF_ 000143105	8312; 8312	 <p>GCF_000143105</p>
25	Schizophyllum commune	GCF_ 000143185	16187; 16183	 <p>GCF_000143185</p>
26	Chaetomium globosum	GCF_ 000143365	11040; 11039	 <p>GCF_000143365</p>
27	Botrytis cinerea	GCF_ 000143535	11698; 11698	 <p>GCF_000143535</p>

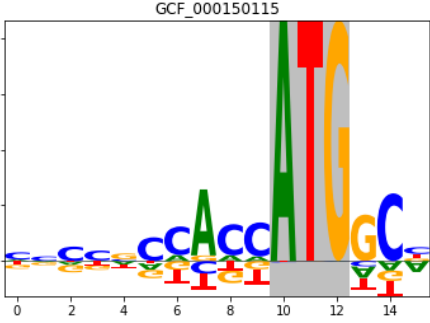
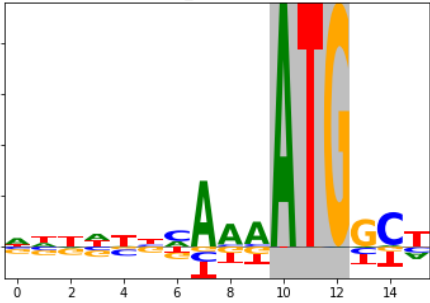
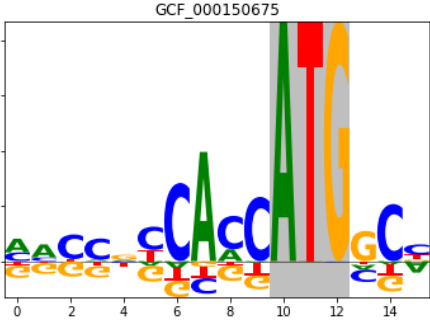
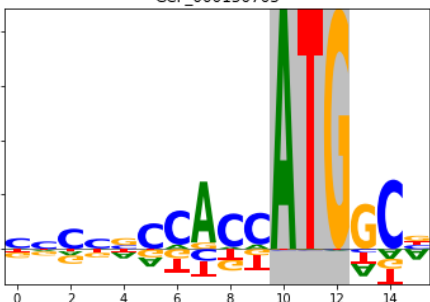
28	Laccari bicolor	GCF_ 000143565	18214; 18168	 <p>GCF_000143565</p>
29	Gaeumannomyces tritici	GCF_ 000145635	14458; 14444	 <p>GCF_000145635</p>
30	Saccharomyces cerevisiae	GCF_ 000146045	6020; 6020	 <p>GCF_000146045</p>
31	Encephalitozoon intestinalis	GCF_ 000146465	1938; 1938	 <p>GCF_000146465</p>

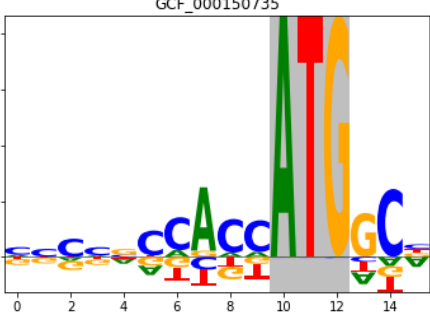
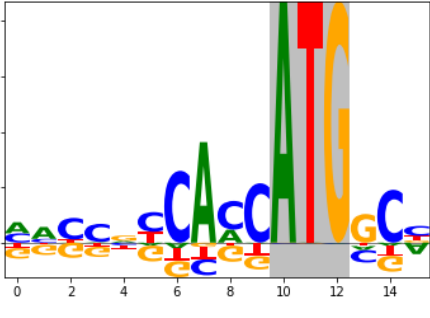
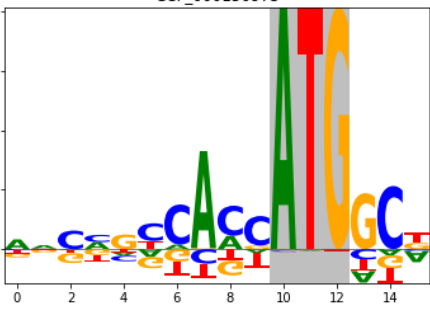
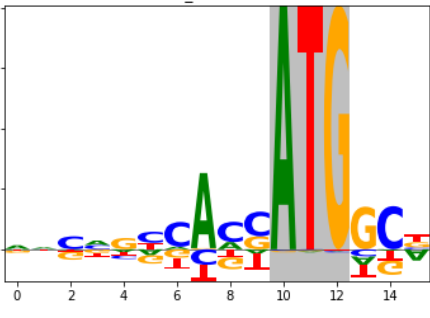
32	Parastagonospora nodorum	GCF_000146915	15990; 15990	 <p>GCF_000146915</p>
33	Sclerotinia sclerotiorum	GCF_000146945	14490; 14488	 <p>GCF_000146945</p>
34	Colletotrichum graminicola	GCF_000149035	12019; 12019	 <p>GCF_000149035</p>
35	Cryptococcus neoformans	GCF_000149245	6975; 6974	 <p>GCF_000149245</p>

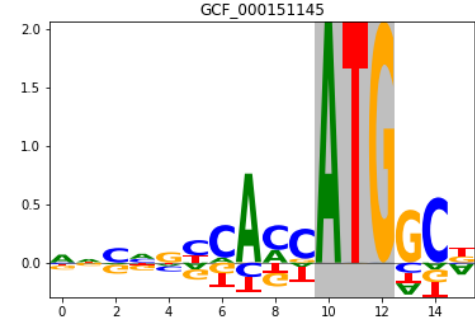
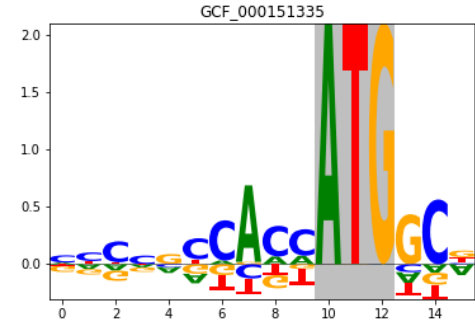
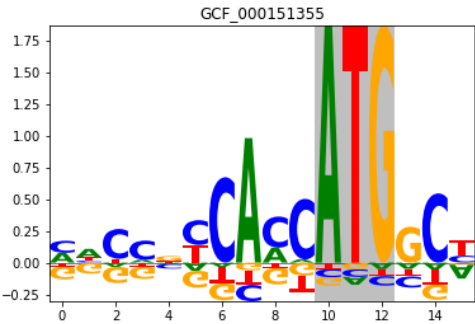
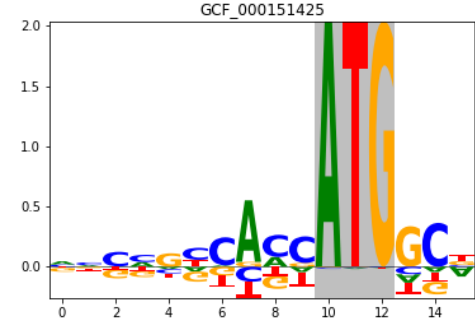
36	Coccidioides immitis	GCF_000149335	9757; 9757	<p>GCF_000149335</p>
37	Cryptococcus neoformans	GCF_000149385	6500; 6500	<p>GCF_000149385</p>
38	Meyerozyma guilliermondii	GCF_000149425	5920; 5918	<p>GCF_000149425</p>
39	Fusarium verticillioides	GCF_000149555	15890; 15890	<p>GCF_000149555</p>

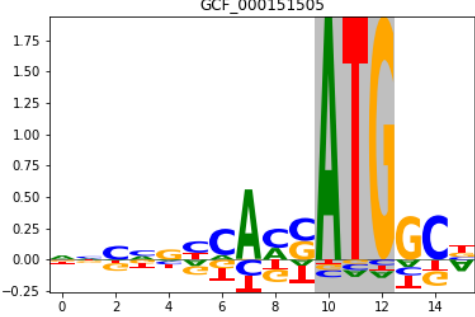
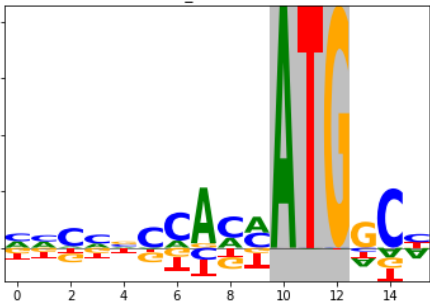
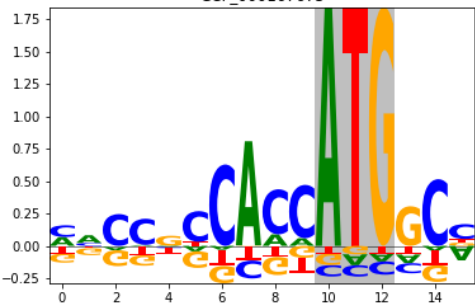
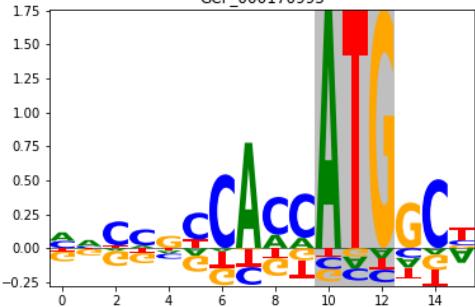
40	Histoplasma mississippiense	GCF_000149585	9313; 9305	 <p>GCF_000149585</p>
41	Aspergillus terreus	GCF_000149615	10401; 10401	 <p>GCF_000149615</p>
42	Aspergillus fischeri	GCF_000149645	10388; 10386	 <p>GCF_000149645</p>
43	Lodderomyces elongisporus	GCF_000149685	5799; 5799	Non-determined
44	Schizosaccharomyces japonicus	GCF_000149845	4878; 4876	 <p>GCF_000149845</p>

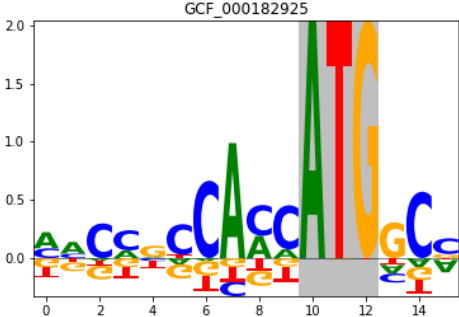
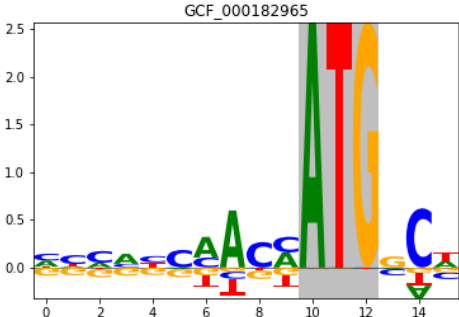
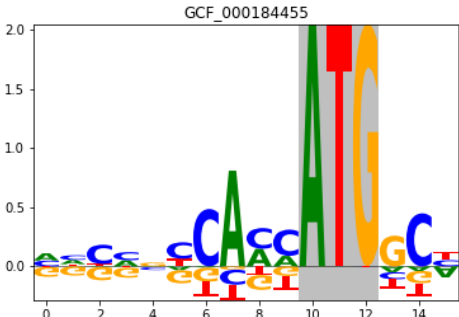
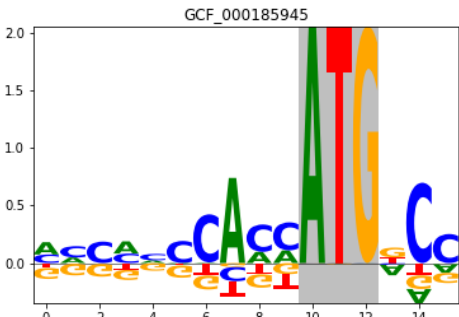
45	Puccinia graminis	GCF_ 000149925	15800; 15796	 <p>GCF_000149925</p>
46	Fusarium oxysporum	GCF_ 000149955	20924; 20917	 <p>GCF_000149955</p>
47	Pyrenophora tritici-repentis	GCF_ 000149985	12169; 12167	 <p>GCF_000149985</p>
48	Vanderwaltozyma polyspora	GCF_ 000150035	5328; 5246	 <p>GCF_000150035</p>

49	Histoplasma capsulatum	GCF_ 000150115	9253; 9252	 <p>GCF_000150115</p>
50	Schizosaccharomyces octosporus	GCF_ 000150505	4986; 4986	 <p>GCF_000150505</p>
51	Verticillium dahliae	GCF_ 000150675	10535; 10534	 <p>GCF_000150675</p>
52	Paracoccidioides lutzii	GCF_ 000150705	8826; 8824	 <p>GCF_000150705</p>

53	Paracoccidioides brasiliensis	GCF_ 000150735	8390; 8390	 <p>GCF_000150735</p>
54	Verticillium alfalfae	GCF_ 000150825	10237; 10216	 <p>GCF_000150825</p>
55	Nannizzia gypsea	GCF_ 000150975	8921; 8920	 <p>GCF_000150975</p>
56	Trichophyton benhamiae	GCF_ 000151125	7974; 7974	 <p>GCF_000151125</p>

57	Microsporium canis	GCF_ 000151145	8765; 8764	 <p>Sequence logo for GCF_000151145. The y-axis represents information content from 0.0 to 2.0. The x-axis shows positions 0 to 14. A major peak is at position 10 (height ~2.0). Other peaks are at position 7 (~0.8), position 11 (~1.8), and position 12 (~1.8).</p>
58	Coccidioides posadasii	GCF_ 000151335	7227; 7227	 <p>Sequence logo for GCF_000151335. The y-axis represents information content from 0.0 to 2.0. The x-axis shows positions 0 to 14. A major peak is at position 10 (height ~2.0). Other peaks are at position 7 (~0.8), position 11 (~1.8), and position 12 (~1.8).</p>
59	Fusarium vanettenii	GCF_ 000151355	15708; 15708	 <p>Sequence logo for GCF_000151355. The y-axis represents information content from -0.25 to 1.75. The x-axis shows positions 0 to 14. A major peak is at position 10 (height ~1.75). Other peaks are at position 7 (~1.0), position 11 (~1.5), and position 12 (~1.5).</p>
60	Trichophyton rubrum	GCF_ 000151425	8616; 8616	 <p>Sequence logo for GCF_000151425. The y-axis represents information content from 0.0 to 2.0. The x-axis shows positions 0 to 14. A major peak is at position 10 (height ~2.0). Other peaks are at position 7 (~0.8), position 11 (~1.8), and position 12 (~1.8).</p>

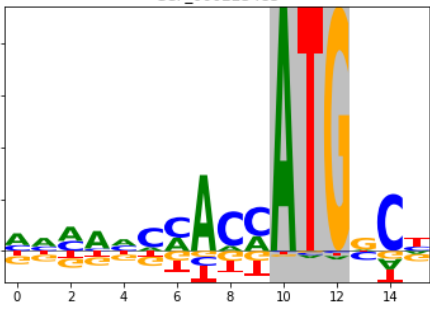
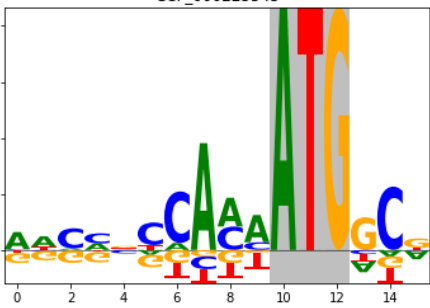
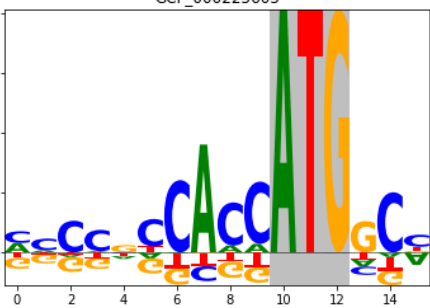
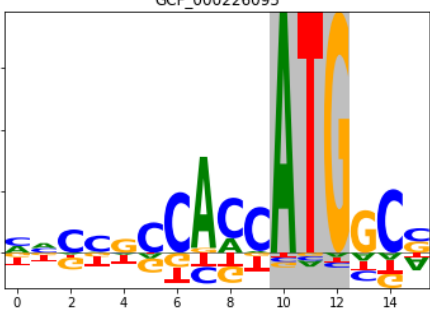
61	Trichophyton verrucosum	GCF_ 000151505	8028; 8023	 <p>GCF_000151505</p>
62	Tuber melanosporum	GCF_ 000151645	7420; 7417	 <p>GCF_000151645</p>
63	Trichoderma reesei	GCF_ 000167675	9116; 9116	 <p>GCF_000167675</p>
64	Trichoderma virens	GCF_ 000170995	12405; 12405	 <p>GCF_000170995</p>

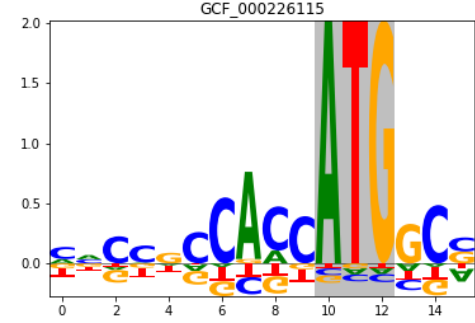
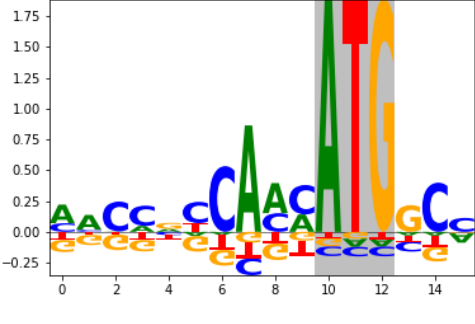
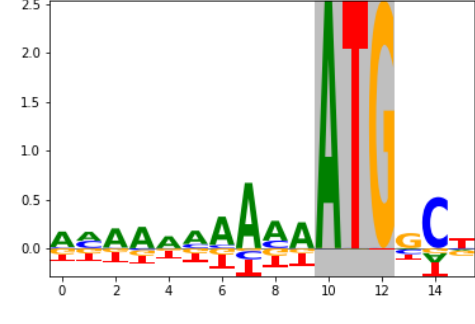
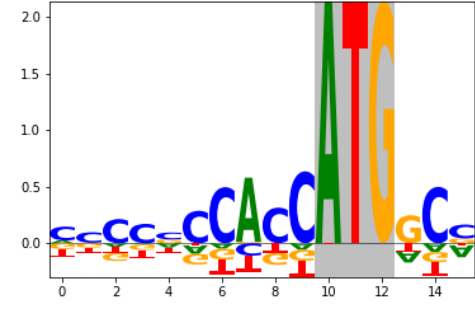
70	Neurospora crassa	GCF_ 000182925	9757; 9757	 <p>GCF_000182925</p>
71	Candida albicans	GCF_ 000182965	6030; 6027	 <p>GCF_000182965</p>
72	Aspergillus oryzae	GCF_ 000184455	12074; 12074	 <p>GCF_000184455</p>
73	Cryptococcus gattii	GCF_ 000185945	6575; 6574	 <p>GCF_000185945</p>

74	Ogataea parapolyomorpha	GCF_ 000187245	5325; 5325	<p>GCF_000187245</p>
75	Metarhizium acridum	GCF_ 000187405	9849; 9848	<p>GCF_000187405</p>
76	Metarhizium robertsii	GCF_ 000187425	11688; 11687	<p>GCF_000187425</p>
77	Vavraia culicis	GCF_ 000192795	2773; 2682	<p>GCF_000192795</p>

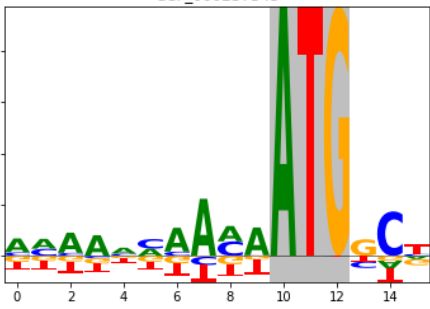
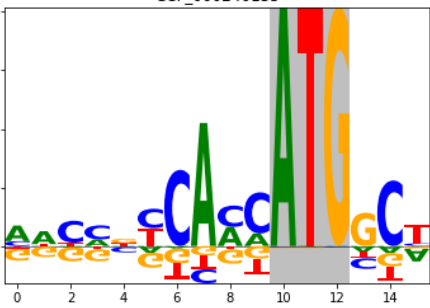
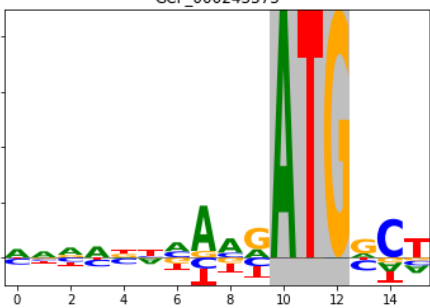
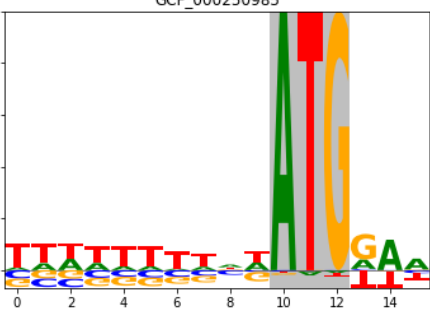
78	Batrachochytrium dendrobatidis	GCF_000203795	8385; 8380	<p>GCF_000203795</p>
79	Melampsora larici-populina	GCF_000204055	16265; 16260	<p>GCF_000204055</p>
80	Scheffersomyces stipitis	GCF_000209165	5818; 5818	<p>GCF_000209165</p>
81	Neurospora tetrasperma	GCF_000213175	10380; 10379	<p>GCF_000213175</p>

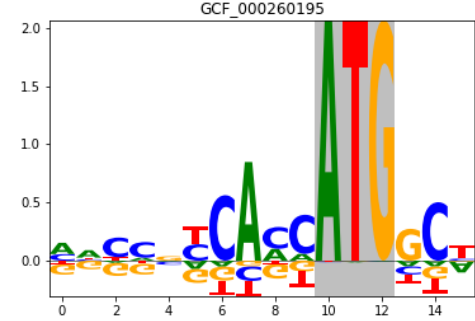
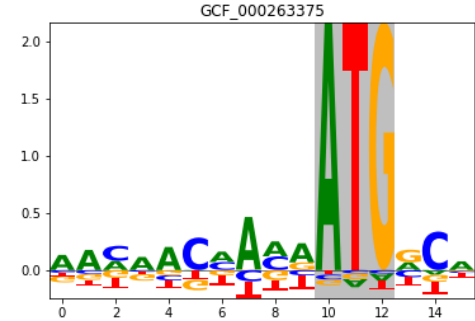
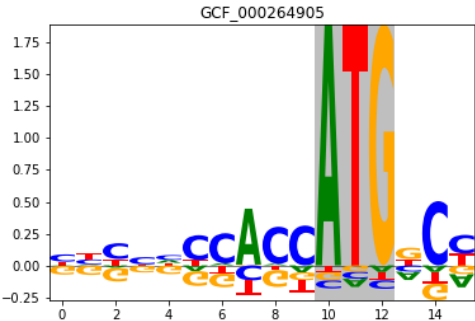
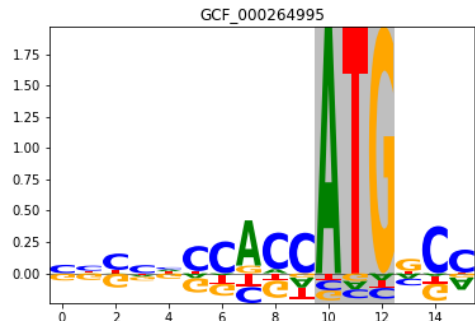
82	Serpula lacrymans	GCF_ 000218685	12923; 12923	<p>GCF_000218685</p>
83	Zymoseptoria tritici	GCF_ 000219625	10941; 10940	<p>GCF_000219625</p>
84	Thermochaetoides thermophila	GCF_ 000221225	7226; 7226	<p>GCF_000221225</p>
85	Yamadazyma tenuis	GCF_ 000223465	5547; 5547	<p>GCF_000223465</p>

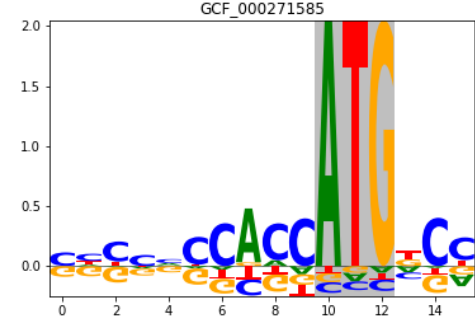
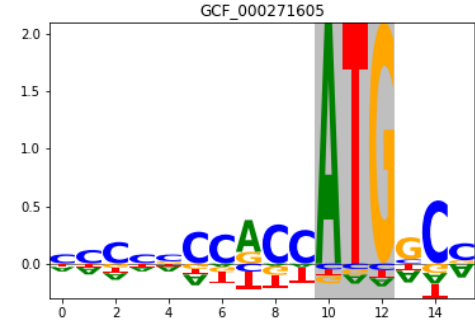
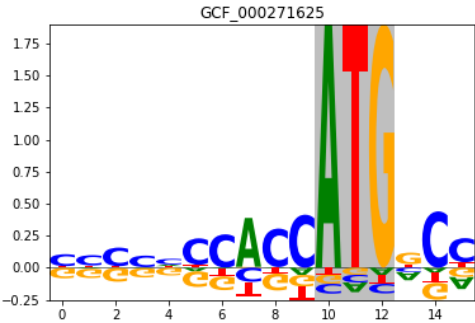
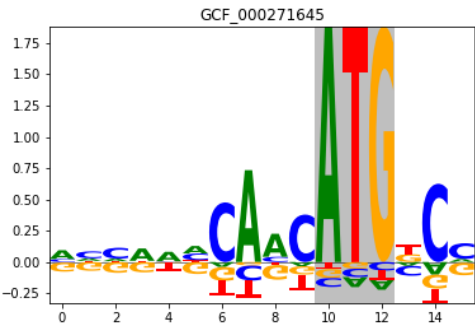
86	Spathaspora passalidarum	GCF_ 000223485	5983; 5983	 <p>GCF_000223485</p>
87	Orbilia oligospora	GCF_ 000225545	11479; 11479	 <p>GCF_000225545</p>
88	Cordyceps militaris	GCF_ 000225605	9651; 9651	 <p>GCF_000225605</p>
89	Thermostelomyce s thermophilus	GCF_ 000226095	9097; 9097	 <p>GCF_000226095</p>

90	Thermothielavioid es terrestris	GCF_ 000226115	9802; 9802	 <p>GCF_000226115</p>
91	Penicillium rubens	GCF_ 000226395	12791; 12762	Non-determined
92	Podospora anserina	GCF_ 000226545	10527; 10469	 <p>GCF_000226545</p>
93	Naumovozyma dairenensis	GCF_ 000227115	5546; 5541	 <p>GCF_000227115</p>
94	Plenodomus lingam	GCF_ 000230375	12469; 12469	 <p>GCF_000230375</p>

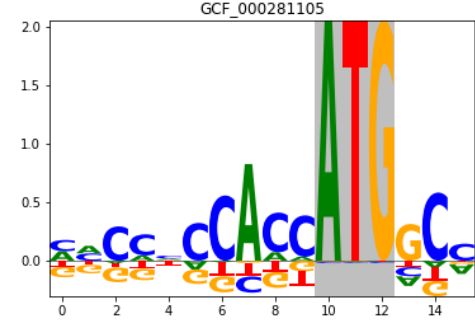
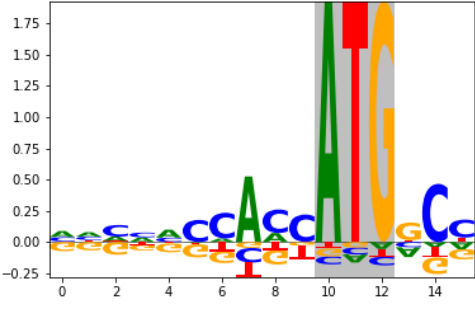
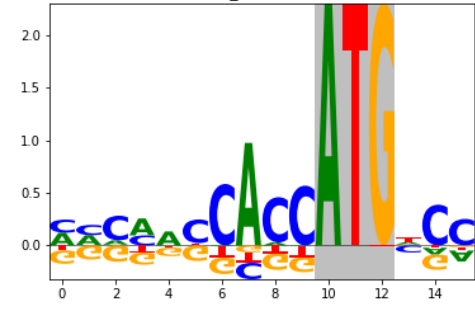
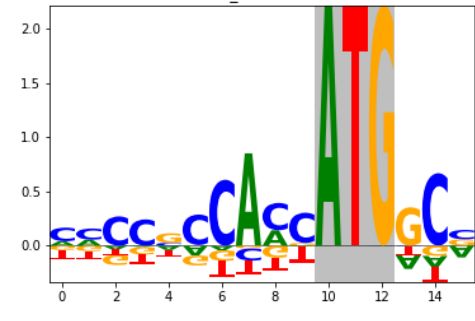
95	Exophiala dermatitidis	GCF_000230625	9285; 9284	<p>GCF_000230625</p>
96	Vittaforma corneae	GCF_000231115	2238; 2141	<p>GCF_000231115</p>
97	Eremothecium cymbalariae	GCF_000235365	4432; 4432	<p>GCF_000235365</p>
98	Tetrapisispora phaffii	GCF_000236905	5252; 5249	<p>GCF_000236905</p>

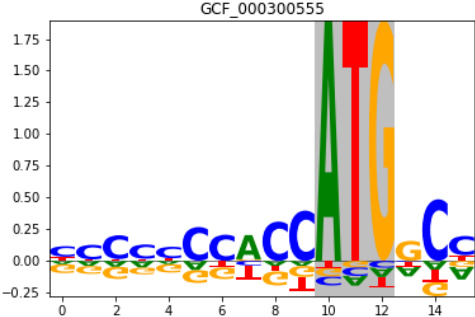
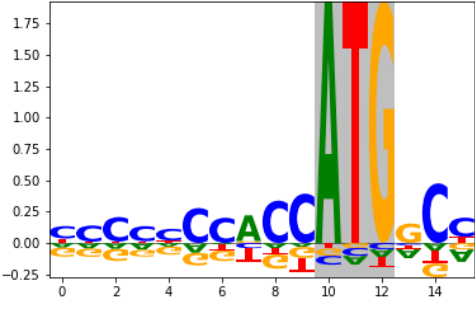
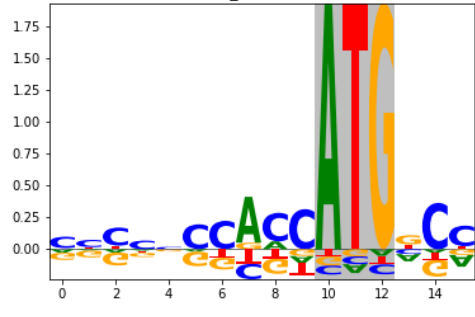
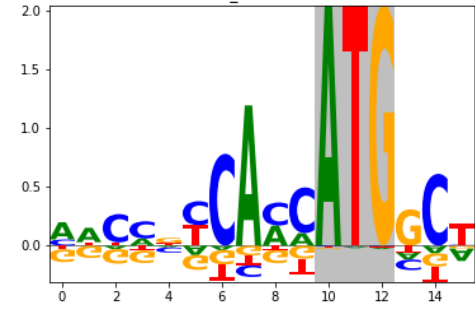
99	Naumovozyma castellii	GCF_ 000237345	5589; 5587	 <p>GCF_000237345</p>
100	Fusarium graminearum	GCF_ 000240135	13313; 13308	 <p>GCF_000240135</p>
101	Torulaspora delbrueckii	GCF_ 000243375	4970; 4970	 <p>GCF_000243375</p>
102	Nematocida parisii	GCF_ 000250985	2661; 2634	 <p>GCF_000250985</p>

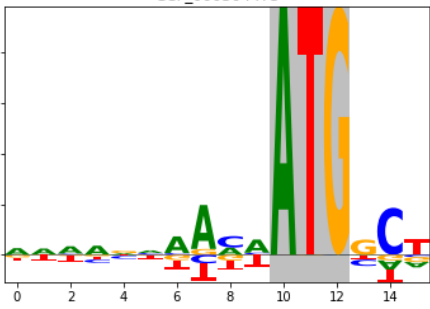
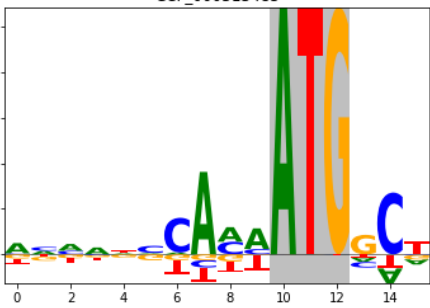
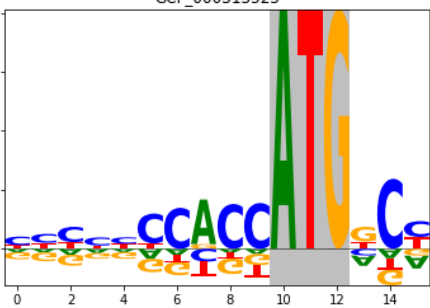
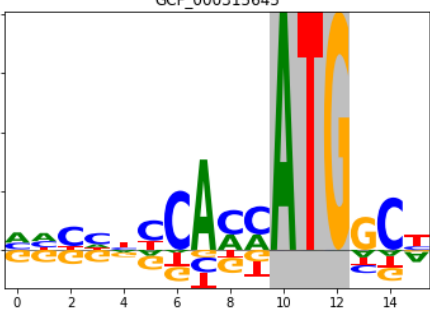
103	Fusarium odoratissimum	GCF_ 000260195	16634; 16633	 <p>GCF_000260195</p>
104	Walleimia mellicola	GCF_ 000263375	5277; 5276	 <p>GCF_000263375</p>
105	Stereum hirsutum	GCF_ 000264905	14068; 14065	 <p>GCF_000264905</p>
106	Punctularia strigosozonat	GCF_ 000264995	11541; 11534	 <p>GCF_000264995</p>

107	Trametes versicolor	GCF_ 000271585	14293; 14281	 <p>GCF_000271585</p>
108	Fomitiporia mediterranea	GCF_ 000271605	11330; 11324	 <p>GCF_000271605</p>
109	Coniophora puteana	GCF_ 000271625	13758; 13756	 <p>GCF_000271625</p>
110	Tremella mesenterica	GCF_ 000271645	8292; 8291	 <p>GCF_000271645</p>

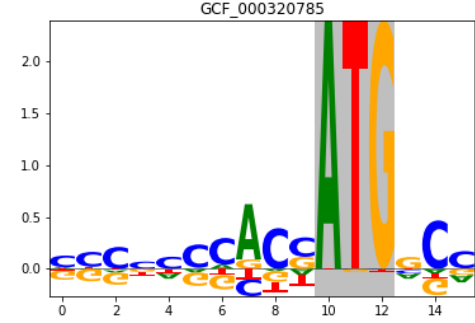
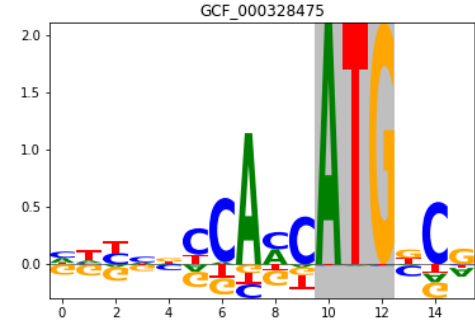
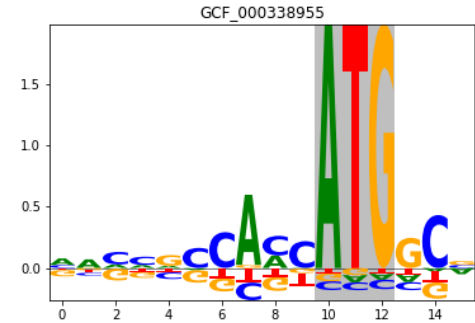
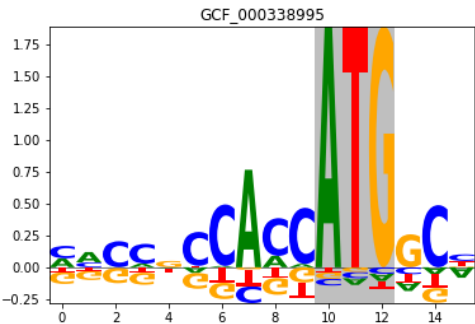
111	Dichomitus squalens	GCF_ 000275845	12274; 12261	<p>GCF_000275845</p>
112	Encephalitozoon hellem	GCF_ 000277815	1928; 1928	<p>GCF_000277815</p>
113	Encephalitozoon romaleae	GCF_ 000280035	1831; 1831	<p>GCF_000280035</p>
114	Beauveria bassiana	GCF_ 000280675	10364; 10361	<p>GCF_000280675</p>

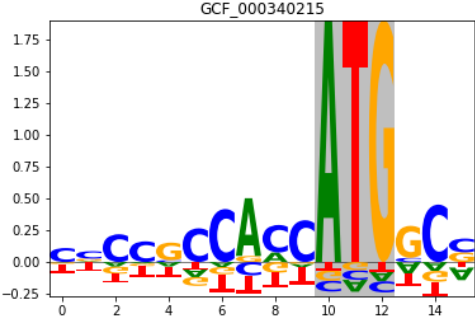
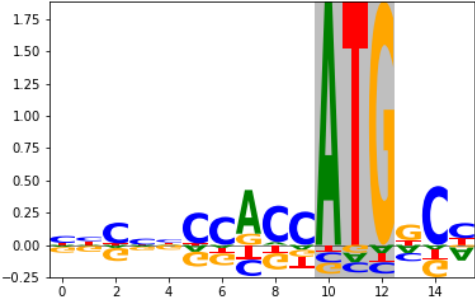
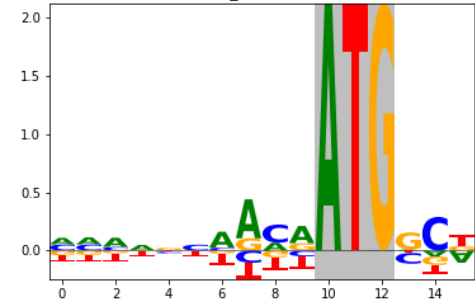
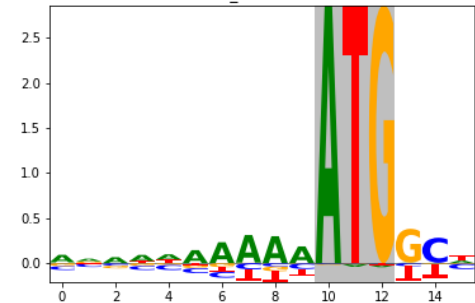
115	Coniosporium apollinis	GCF_ 000281105	9308; 9307	 <p>GCF_000281105</p>
116	Dacryopinax primogenitus	GCF_ 000292625	10237; 10234	 <p>GCF_000292625</p>
117	Trichosporon asahii	GCF_ 000293215	8311; 8311	 <p>GCF_000293215</p>
118	Drepanopeziza brunnea	GCF_ 000298775	10025; 10025	 <p>GCF_000298775</p>

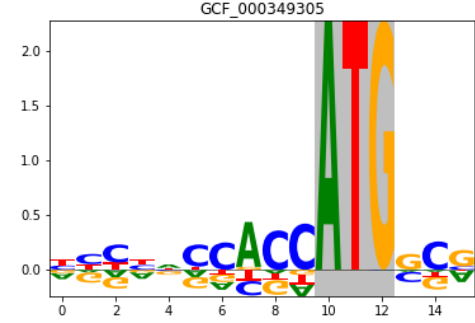
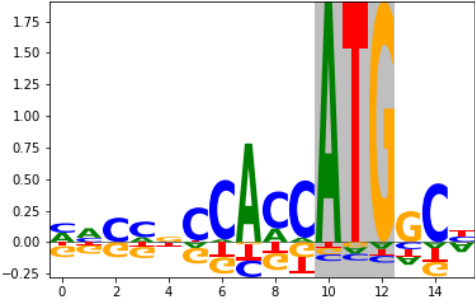
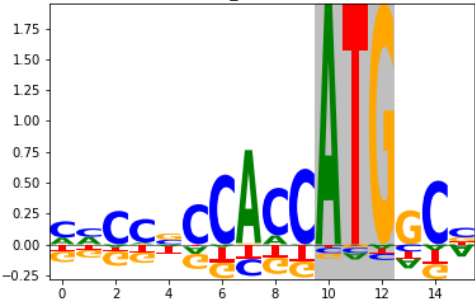
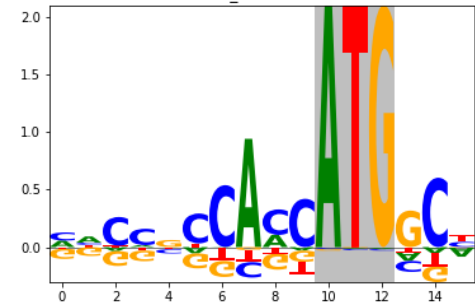
119	Agaricus Bisporus brunetti	GCF_ 000300555	11273; 11254	 <p>GCF_000300555</p>
120	Agaricus bisporus bisporus	GCF_ 000300575	10446; 10446	 <p>GCF_000300575</p>
121	Phanerochaete carnosa	GCF_ 000300595	13918; 13881	 <p>GCF_000300595</p>
122	Fusarium pseudograminearu m	GCF_ 000303195	12397; 12386	 <p>GCF_000303195</p>

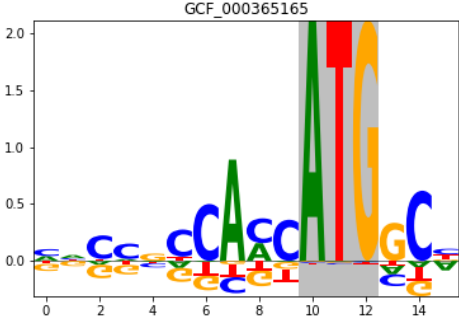
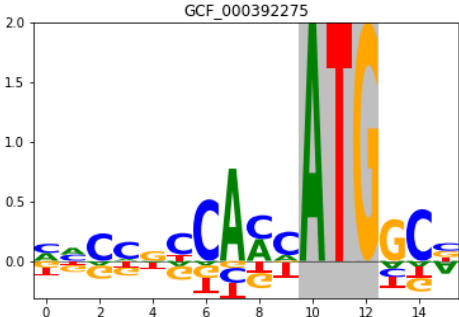
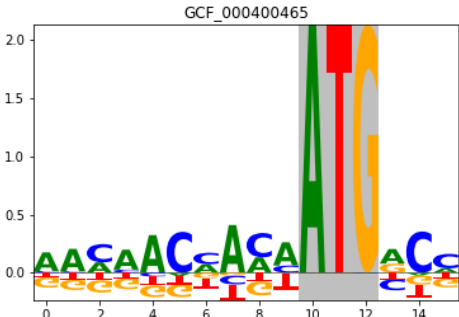
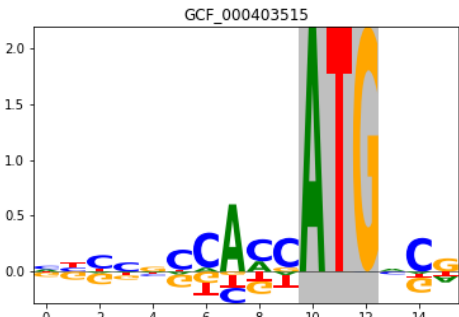
123	Kazachstania africana	GCF_ 000304475	5375; 5375	 <p>GCF_000304475</p>
124	Wickerhamomyces ciferrii	GCF_ 000313485	6702; 6702	 <p>GCF_000313485</p>
125	Fibroporia radiculosa	GCF_ 000313525	9262; 9262	 <p>GCF_000313525</p>
126	Penicillium digitatum	GCF_ 000315645	8946; 8944	 <p>GCF_000315645</p>

127	Candida orthopsilosis	GCF_ 000315875	5687; 5664	<p>GCF_000315875</p>
128	Tetrapisispora blatta	GCF_ 000315915	5388; 5384	<p>GCF_000315915</p>
129	Sphaerulina musiva	GCF_ 000320565	10144; 10144	<p>GCF_000320565</p>
130	Heterobasidion irregulare	GCF_ 000320585	13272; 13272	<p>GCF_000320585</p>

131	Rhodotorula toruloides	GCF_ 000320785	8140; 8125	 <p>GCF_000320785</p>
132	Ustilago maydis	GCF_ 000328475	6762; 6736	 <p>GCF_000328475</p>
133	Baudoinia panamericana	GCF_ 000338955	10500; 10500	 <p>GCF_000338955</p>
134	Bipolaris sorokiniana	GCF_ 000338995	12210; 12200	 <p>GCF_000338995</p>

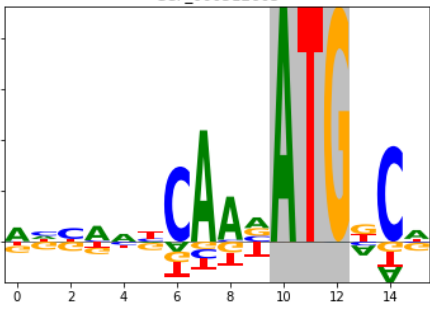
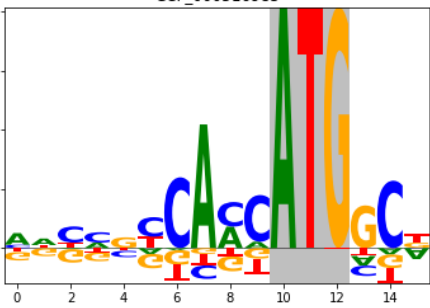
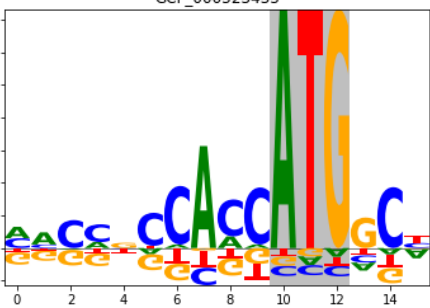
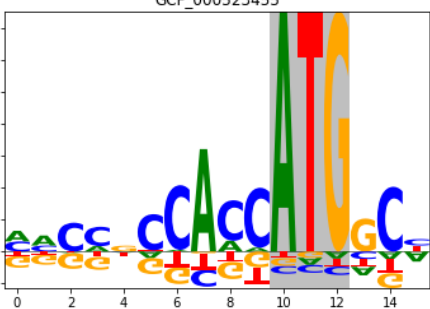
135	Pseudocercospora fijiensis	GCF_ 000340215	13059; 13059	 <p>GCF_000340215</p>
136	Gloeophyllum trabeum	GCF_ 000344685	11758; 11748	 <p>GCF_000344685</p>
137	Kazachstania naganishii	GCF_ 000348985	5319; 5318	 <p>GCF_000348985</p>
138	Pneumocystis murina	GCF_ 000349005	3623; 3620	 <p>GCF_000349005</p>

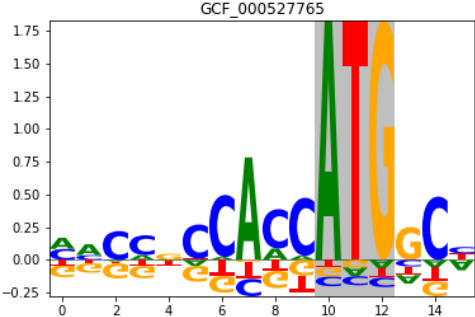
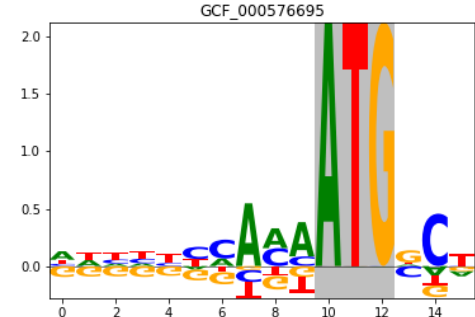
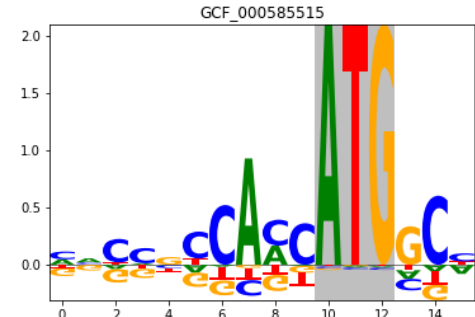
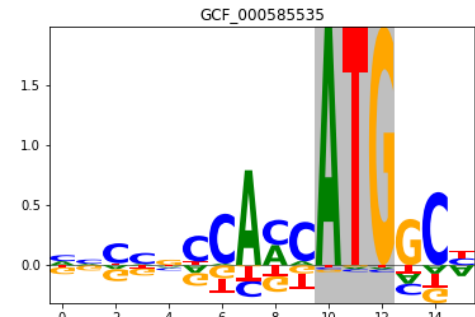
139	Malassezia sympodialis	GCF_ 000349305	3515; 3507	 <p>GCF_000349305</p>
140	Bipolaris maydis	GCF_ 000354255	12705; 12688	 <p>GCF_000354255</p>
141	Exserohilum turcica	GCF_ 000359705	11687; 11680	 <p>GCF_000359705</p>
142	Cyphellophora europaea	GCF_ 000365145	11094; 11093	 <p>GCF_000365145</p>

143	Cladophialophora carrionii	GCF_ 000365165	10373; 10373	 <p>GCF_000365165</p>
144	Phaeoacremonium minimum	GCF_ 000392275	8834; 8833	 <p>GCF_000392275</p>
145	Walleimia ichthyophaga	GCF_ 000400465	4864; 4864	 <p>GCF_000400465</p>
146	Pseudozyma hubeiensis	GCF_ 000403515	7472; 7472	 <p>GCF_000403515</p>

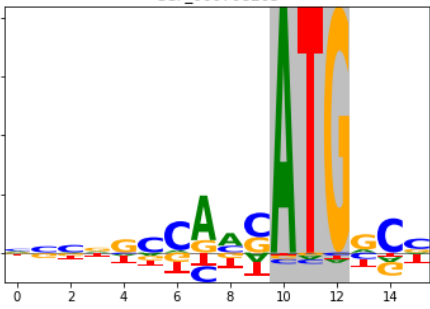
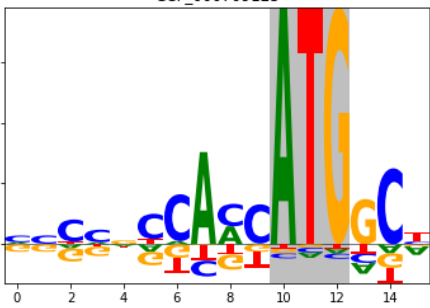
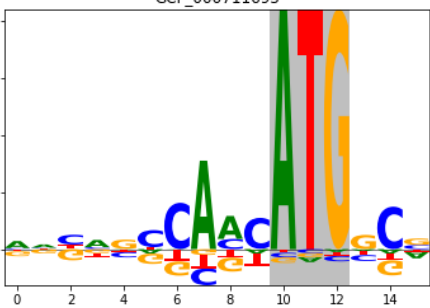
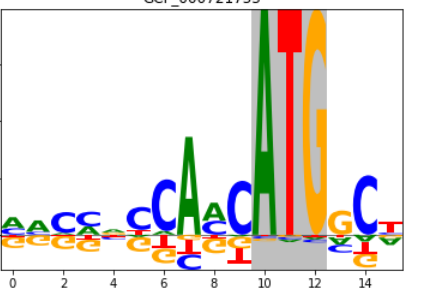
147	Glarea lozoyensis	GCF_ 000409485	13083; 13083	<p>GCF_000409485</p>
148	Pseudozyma flocculosa	GCF_ 000417875	6877; 6874	<p>GCF_000417875</p>
149	Rhizophagus irregularis	GCF_ 000439145	26143; 26120	<p>GCF_000439145</p>
150	Endocarpon pusillum	GCF_ 000464535	9232; 9232	<p>GCF_000464535</p>

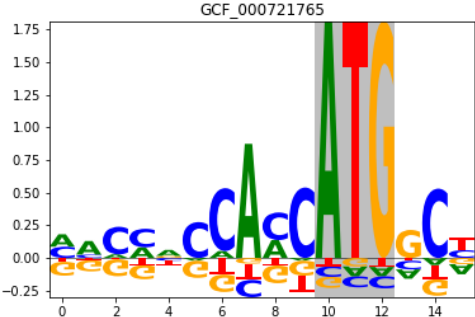
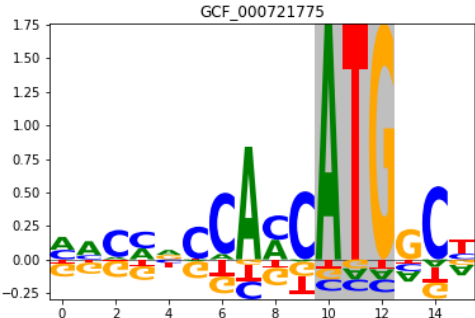
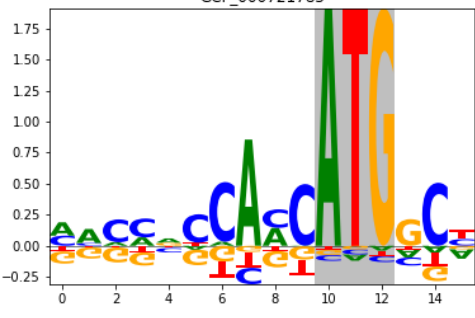
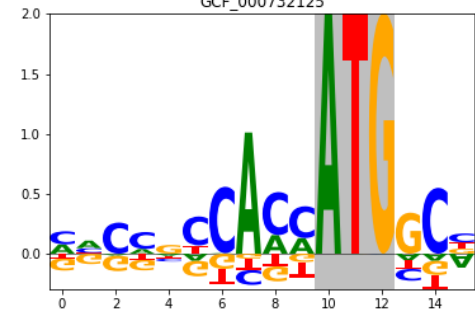
151	Kalmanozyma brasiliensis	GCF_ 000497045	6421; 6421	<p>GCF_000497045</p>
152	Kwoniella mangroviensis	GCF_ 000507465	8422; 8422	<p>GCF_000507465</p>
153	Kwoniella dejecticola	GCF_ 000512565	8602; 8602	<p>GCF_000512565</p>
154	Kwoniella bestiolae	GCF_ 000512585	9133; 9133	<p>GCF_000512585</p>

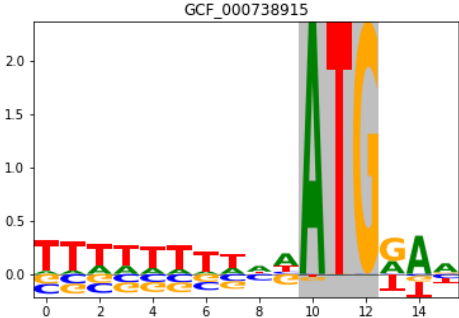
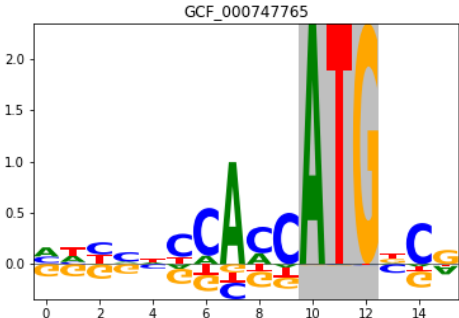
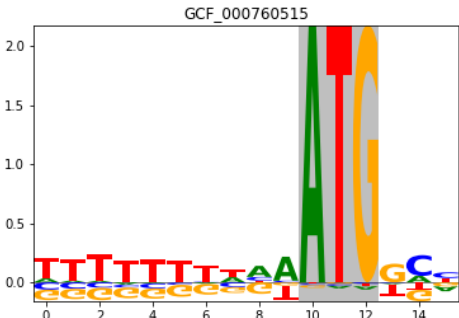
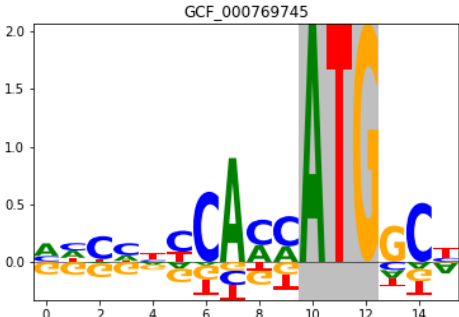
155	Kwoniella pini	GCF_ 000512605	7829; 7828	 <p>GCF_000512605</p>
156	Pestalotiopsis fici	GCF_ 000516985	15413; 15413	 <p>GCF_000516985</p>
157	Bipolaris zeicola	GCF_ 000523435	12853; 12833	 <p>GCF_000523435</p>
158	Bipolaris oryzae	GCF_ 000523455	12002; 11992	 <p>GCF_000523455</p>

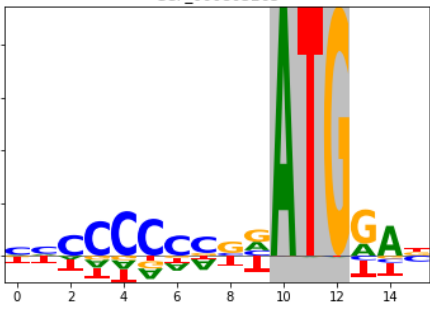
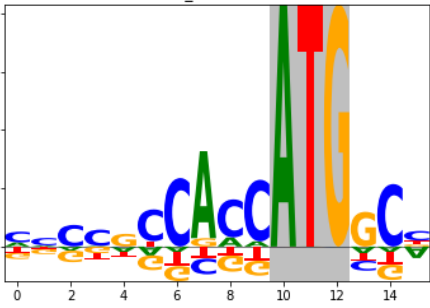
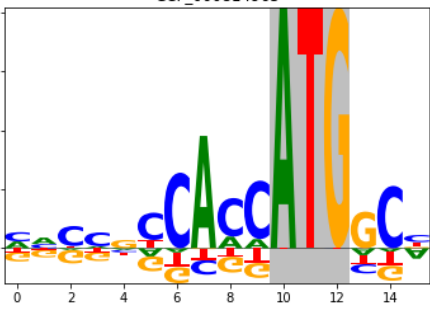
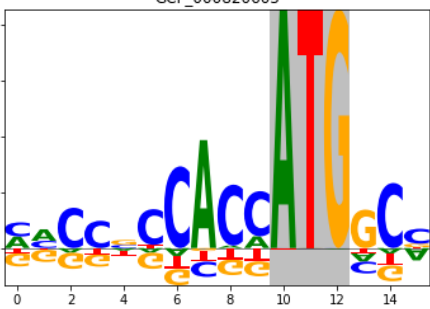
159	Bipolaris victoriae	GCF_ 000527765	12881; 12869	 <p>GCF_000527765</p>
160	Kuraishia capsulata	GCF_ 000576695	5988; 5985	 <p>GCF_000576695</p>
161	Cladophialophora yegresii	GCF_ 000585515	10118; 10118	 <p>GCF_000585515</p>
162	Cladophialophora psammophila	GCF_ 000585535	13421; 13421	 <p>GCF_000585535</p>

163	Capronia epimyces	GCF_ 000585565	10469; 10469	<p>GCF_000585565</p>
164	Capronia coronata	GCF_ 000585585	9231; 9231	<p>GCF_000585585</p>
165	Aspergillus ruber	GCF_ 000600275	10064; 10061	<p>GCF_000600275</p>
166	Ustilaginoidea virens	GCF_ 000687475	8297; 8297	<p>GCF_000687475</p>

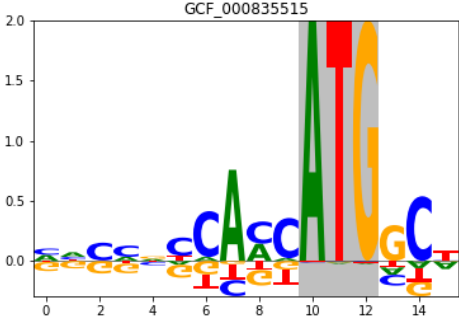
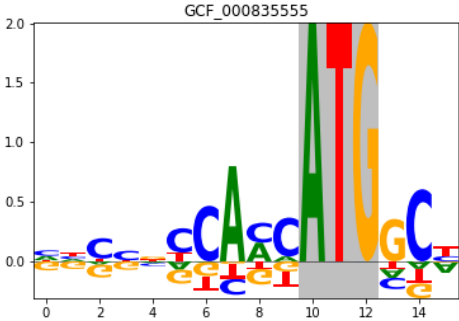
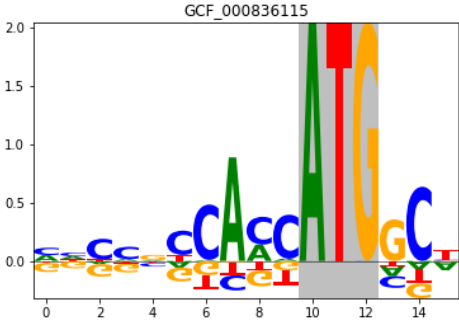
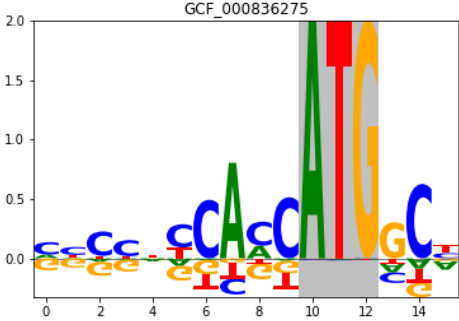
167	Mixia osmundae	GCF_ 000708205	6858; 6848	 <p>GCF_000708205</p>
168	Exophiala aquamarina	GCF_ 000709125	13118; 13115	 <p>GCF_000709125</p>
169	Tilletiaria anomala	GCF_ 000711695	6808; 6784	 <p>GCF_000711695</p>
170	Aureobasidium subglaciale	GCF_ 000721755	10792; 10792	 <p>GCF_000721755</p>

171	Aureobasidium namibiae	GCF_ 000721765	10259; 10258	
172	Aureobasidium melanogenum	GCF_ 000721775	10582; 10580	
173	Aureobasidium pullulans	GCF_ 000721785	11844; 11843	
174	Scedosporium apiospermum	GCF_ 000732125	8376; 8376	

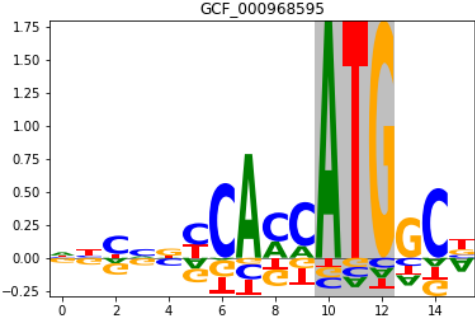
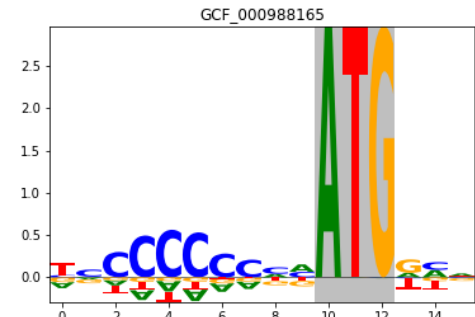
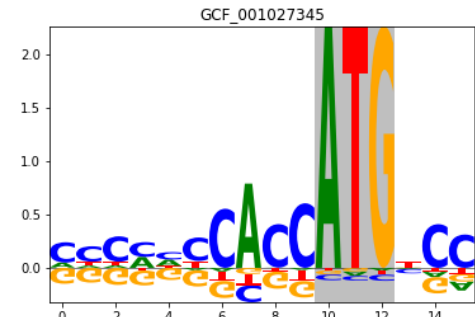
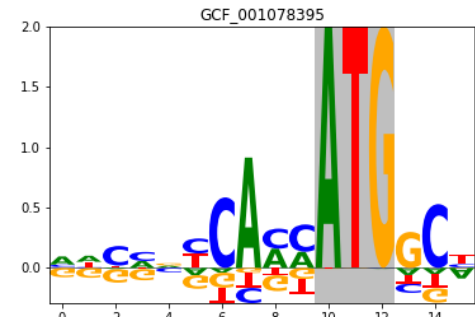
175	Nematocida ausubeli	GCF_ 000738915	2433; 2397	 <p>GCF_000738915</p>
176	Moesziomyces antarcticus	GCF_ 000747765	6766; 6748	 <p>GCF_000747765</p>
177	Mitosporidium daphniae	GCF_ 000760515	3311; 3198	 <p>GCF_000760515</p>
178	Penicillium expansum	GCF_ 000769745	11060; 11060	 <p>GCF_000769745</p>

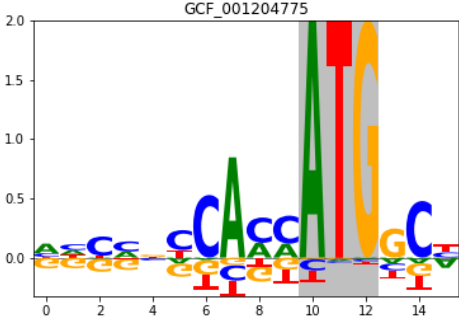
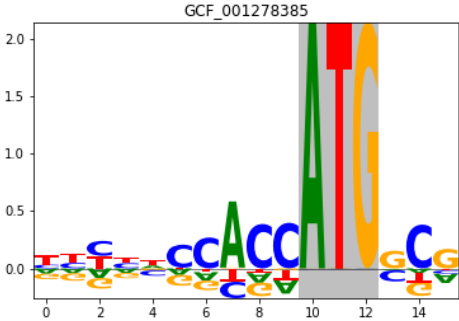
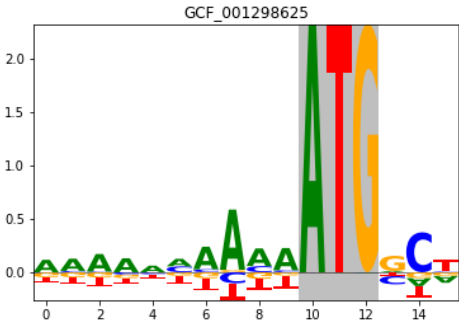
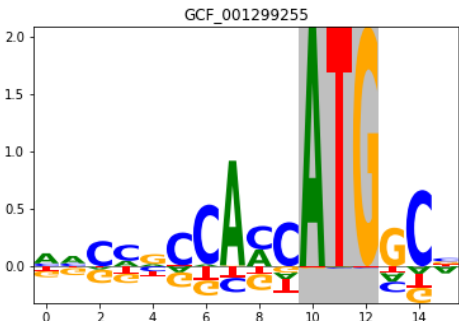
179	Ordospora colligata	GCF_ 000803265	1820; 1818	 <p>GCF_000803265</p>
180	Metarhizium album	GCF_ 000804445	8472; 8472	 <p>GCF_000804445</p>
181	Metarhizium brunneum	GCF_ 000814965	10689; 10689	 <p>GCF_000814965</p>
182	Sporothrix brasilienis	GCF_ 000820605	9091; 9091	 <p>GCF_000820605</p>

183	Fonsecaea pedrosoi	GCF_ 000835455	12527; 12527	
184	Cladophialophora bantiana	GCF_ 000835475	12762; 12762	
185	Cladophialophora immunda	GCF_ 000835495	12830; 12823	
186	Exophiala xenobiotica	GCF_ 000835505	12019; 12019	

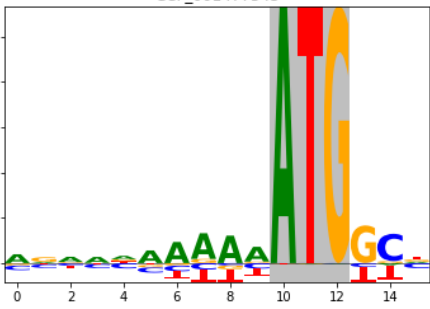
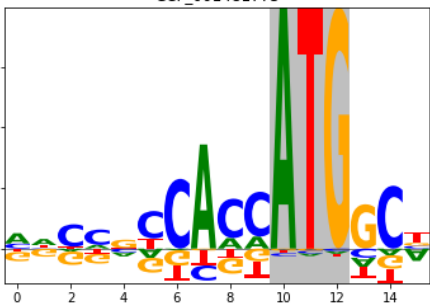
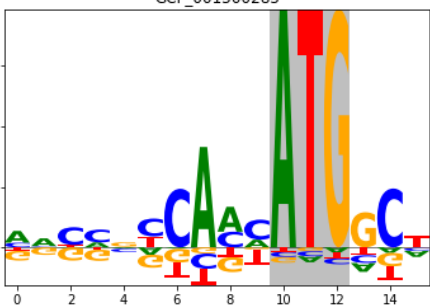
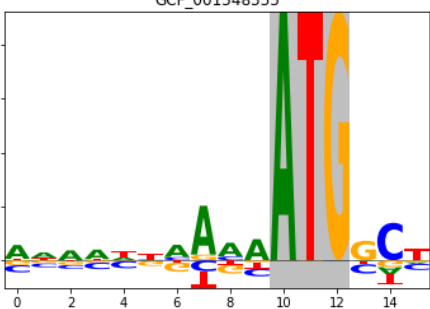
187	Exophiala oligosperma	GCF_ 000835515	11893; 11885	 <p>GCF_000835515</p>
188	Rhinochadiella mackenziei	GCF_ 000835555	11382; 11382	 <p>GCF_000835555</p>
189	Exophiala spinifera	GCF_ 000836115	12049; 12049	 <p>GCF_000836115</p>
190	Exophiala mesophila	GCF_ 000836275	9181; 9180	 <p>GCF_000836275</p>

191	Verruconis gallopava	GCF_000836295	9818; 9814	<p>GCF_000836295</p>
192	Fonsecaea multimorphosa	GCF_000836435	12369; 12369	<p>GCF_000836435</p>
193	Lachancea lanzarotensis	GCF_000938715	5115; 5107	<p>GCF_000938715</p>
194	Sporothrix schenckii	GCF_000961545	10293; 10293	<p>GCF_000961545</p>

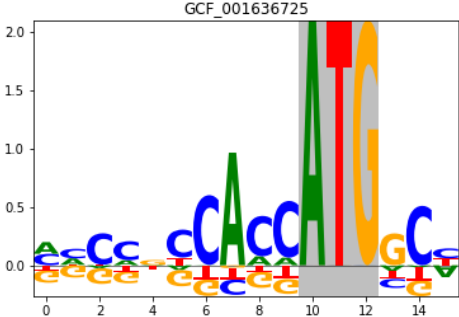
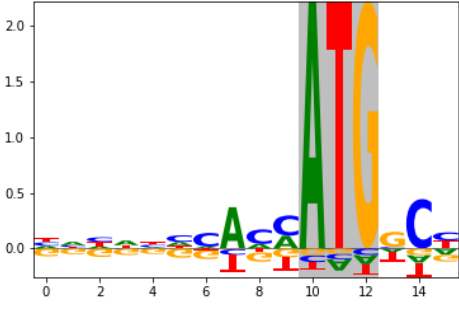
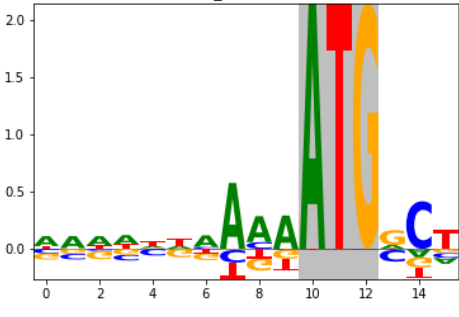
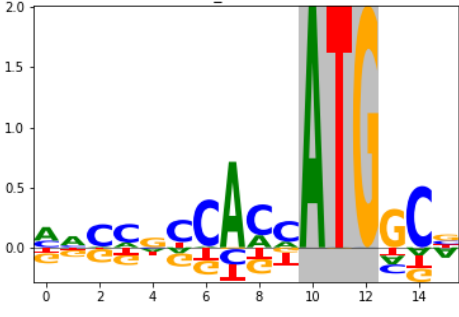
195	Rasamsonia emersonii	GCF_ 000968595	9800; 9582	 <p>GCF_000968595</p>
196	Vairimorpha ceranae	GCF_ 000988165	3206; 3040	 <p>GCF_000988165</p>
197	Cutaneotrichospor on oleaginosum	GCF_ 001027345	8320; 8319	 <p>GCF_001027345</p>
198	Aspergillus udagawae	GCF_ 001078395	10796; 10796	 <p>GCF_001078395</p>

199	Aspergillus nomiae	GCF_ 001204775	11904; 11875	 <p>GCF_001204775</p>
200	Malassezia pachydermatis	GCF_ 001278385	4202; 4199	 <p>GCF_001278385</p>
201	Saccharomyces eubayanus	GCF_ 001298625	5377; 5363	 <p>GCF_001298625</p>
202	Phialophora attinorum	GCF_ 001299255	11848; 11848	 <p>GCF_001299255</p>

203	Rhodotorula graminis	GCF_ 001329695	7222; 7222	<p>GCF_001329695</p>
204	Kluyveromyces marxianus	GCF_ 001417885	4941; 4941	<p>GCF_001417885</p>
205	Debaryomyces fabryi	GCF_ 001447935	6025; 6022	<p>GCF_001447935</p>
206	Pneumocystis jirovecii	GCF_ 001477535	3761; 3760	<p>GCF_001477535</p>

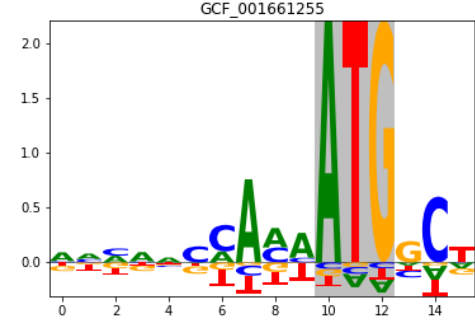
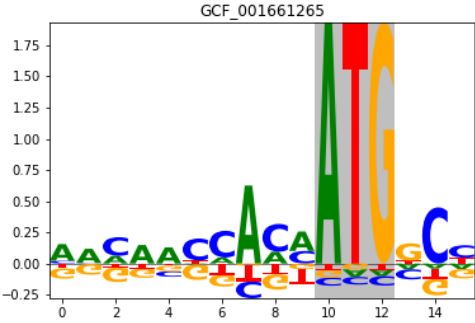
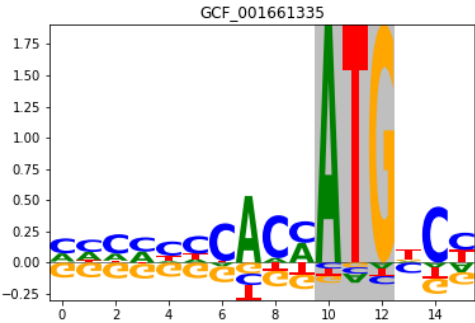
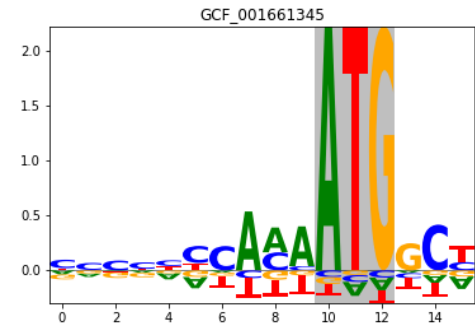
207	Pneumocystis carinii	GCF_ 001477545	3646; 3626	 <p>Sequence logo for GCF_001477545. The y-axis represents information content from 0.0 to 2.5. The x-axis represents positions 0 to 14. A strong consensus sequence of GGC is observed at positions 10-12, with G at position 10, G at position 11, and C at position 12. Other positions show low information content.</p>
208	Trichoderma gamsii	GCF_ 001481775	11171; 11167	 <p>Sequence logo for GCF_001481775. The y-axis represents information content from 0.0 to 1.5. The x-axis represents positions 0 to 14. A strong consensus sequence of GGC is observed at positions 10-12, with G at position 10, G at position 11, and C at position 12. Other positions show low information content.</p>
209	Mollisia scopiformis	GCF_ 001500285	18556; 18555	 <p>Sequence logo for GCF_001500285. The y-axis represents information content from 0.0 to 1.5. The x-axis represents positions 0 to 14. A strong consensus sequence of GGC is observed at positions 10-12, with G at position 10, G at position 11, and C at position 12. Other positions show low information content.</p>
210	Eremothecium sinicaudum	GCF_ 001548555	4528; 4528	 <p>Sequence logo for GCF_001548555. The y-axis represents information content from 0.0 to 2.0. The x-axis represents positions 0 to 14. A strong consensus sequence of GGC is observed at positions 10-12, with G at position 10, G at position 11, and C at position 12. Other positions show low information content.</p>

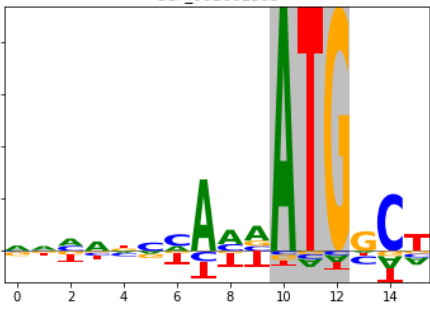
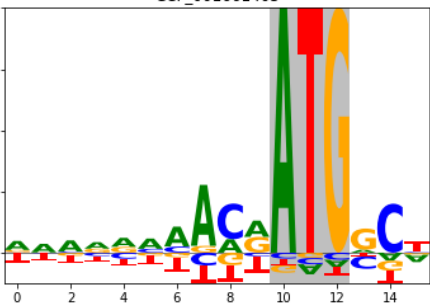
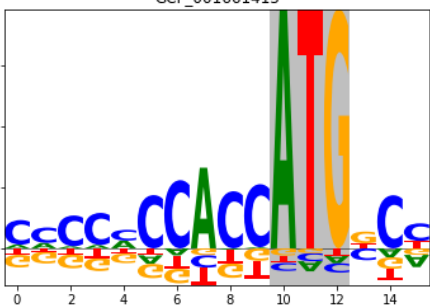
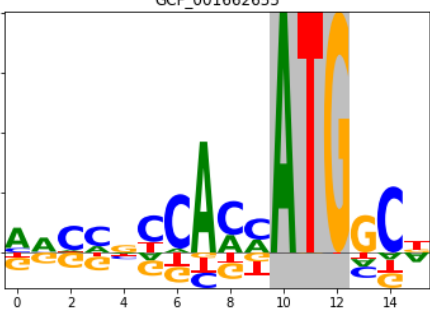
211	Penicillium griseofulvum	GCF_ 001561935	9629; 9629	<p>GCF_001561935</p>
212	Xylona heveae	GCF_ 001619985	8201; 8201	<p>GCF_001619985</p>
213	Drechmeria coniospora	GCF_ 001625195	8236; 8236	<p>GCF_001625195</p>
214	Laetiporus sulphureus	GCF_ 001632365	13739; 13727	<p>GCF_001632365</p>

215	Cordyceps fumosorosea	GCF_ 001636725	10061; 10061	 <p>GCF_001636725</p>
216	Phycomyces blakesleeanus	GCF_ 001638985	16542; 16541	 <p>GCF_001638985</p>
217	Sugiyamaella lignohabitans	GCF_ 001640025	5128; 5128	 <p>GCF_001640025</p>
218	Pseudogymnoascu s destructans	GCF_ 001641265	9405; 9405	 <p>GCF_001641265</p>

219	Paraphaeosphaeria sporulosa	GCF_001642045	14734; 14733	<p>GCF_001642045</p>
220	Alternaria alternata	GCF_001642055	13466; 13465	<p>GCF_001642055</p>
221	Fonsecaea monophora	GCF_001642475	11984; 11984	<p>GCF_001642475</p>
222	Fonsecaea nubica	GCF_001646965	11681; 11681	<p>GCF_001646965</p>

223	Fonsecaea erecta	GCF_ 001651985	12090; 12090	<p>GCF_001651985</p>
224	Pochonia chlamydosporia	GCF_ 001653235	14204; 14204	<p>GCF_001653235</p>
225	Purpureocillium lilacinum	GCF_ 001653265	11763; 11763	<p>GCF_001653265</p>
226	Pichia membranifaciens	GCF_ 001661235	5542; 5538	<p>GCF_001661235</p>

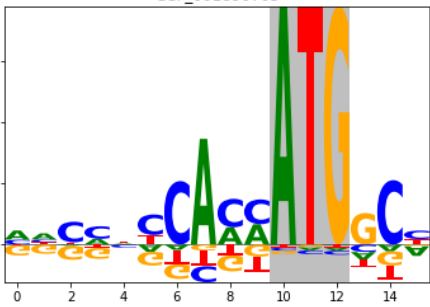
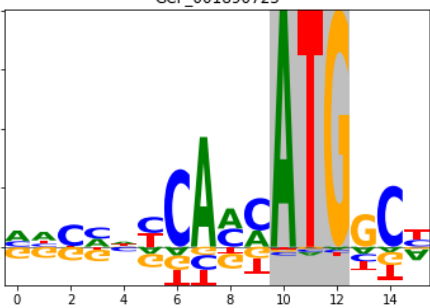
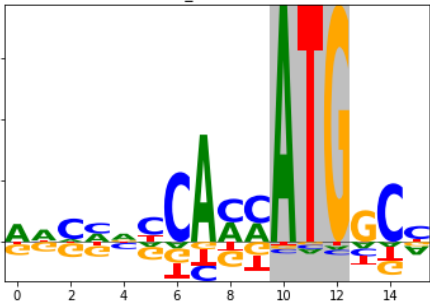
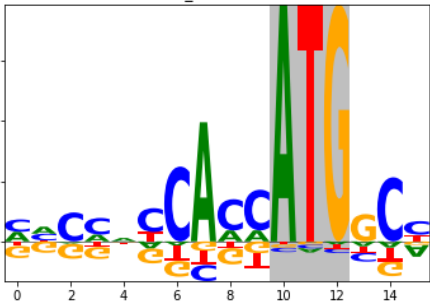
227	Wickerhamomyces anomalus	GCF_ 001661255	6421; 6419	 <p>GCF_001661255</p>
228	Saitoella complicata	GCF_ 001661265	7023; 7022	 <p>GCF_001661265</p>
229	Babjeviella inositovora	GCF_ 001661335	6397; 6390	 <p>GCF_001661335</p>
230	Ascoidea rubescens	GCF_ 001661345	6785; 6783	 <p>GCF_001661345</p>

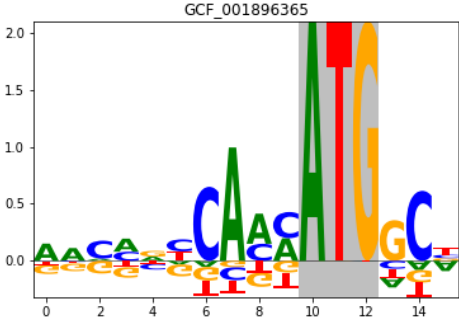
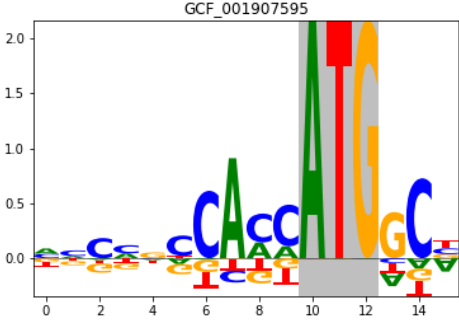
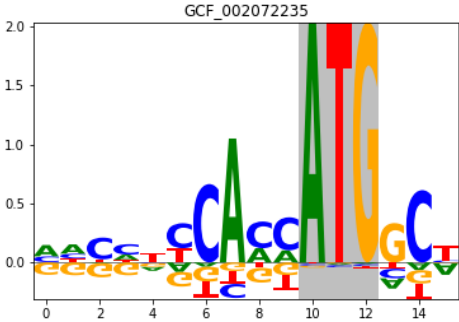
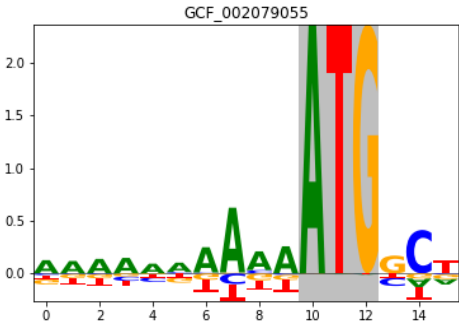
231	Hyphopichia burtonii	GCF_ 001661395	5995; 5993	 <p>GCF_001661395</p>
232	Cyberlindnera jadinii	GCF_ 001661405	6032; 6023	 <p>GCF_001661405</p>
233	Suhomyces tanzawaensis	GCF_ 001661415	5884; 5882	 <p>GCF_001661415</p>
234	Pseudogymnoascu s verrucosus	GCF_ 001662655	10685; 10684	 <p>GCF_001662655</p>

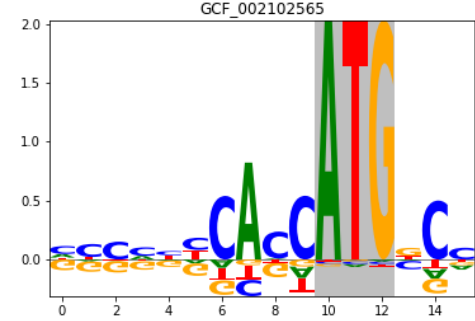
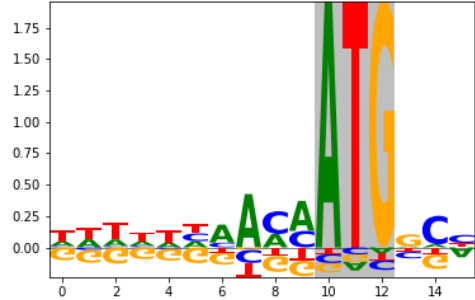
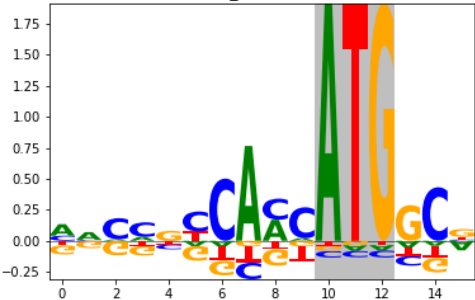
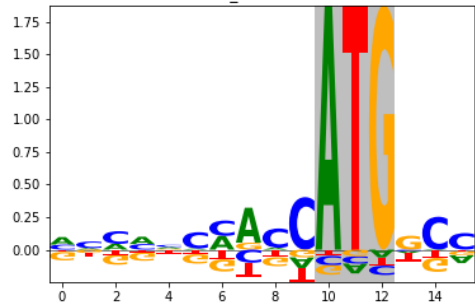
235	Metschnikowia bicuspidata	GCF_ 001664035	5837; 5832	<p>GCF_001664035</p>
236	Ogataea polymorpha	GCF_ 001664045	5153; 5153	<p>GCF_001664045</p>
237	Colletotrichum higginsianum	GCF_ 001672515	14651; 14651	<p>GCF_001672515</p>
238	Cryptococcus wingfieldii	GCF_ 001720155	8094; 8094	<p>GCF_001720155</p>

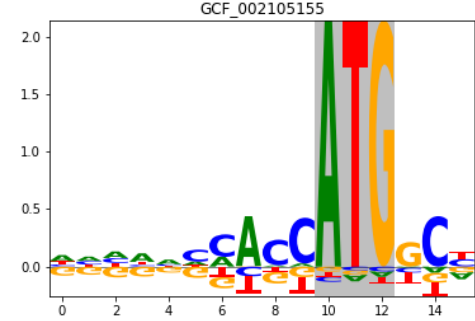
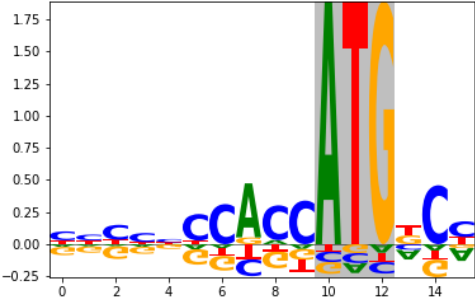
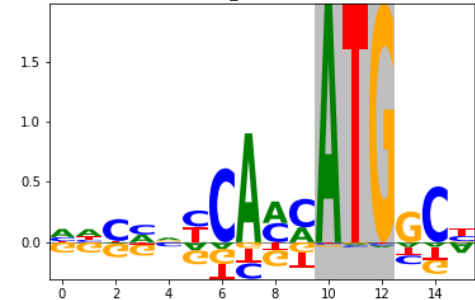
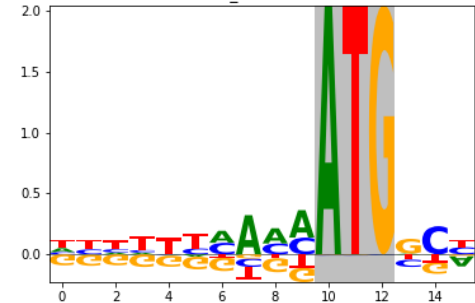
239	Cryptococcus amyloletus	GCF_001720205	8249; 8247	<p>GCF_001720205</p>
240	Penicillium oxalicum	GCF_001723175	9718; 9718	<p>GCF_001723175</p>
241	Penicillium arizonense	GCF_001773325	12200; 12200	<p>GCF_001773325</p>
242	Aspergillus bombycis	GCF_001792695	12263; 12249	<p>GCF_001792695</p>

243	Colletotrichum orchidophilum	GCF_ 001831195	14428; 14426	<p>GCF_001831195</p>
244	Diplodia corticola	GCF_ 001883845	10839; 10839	<p>GCF_001883845</p>
245	Penicillioopsis zonata	GCF_ 001890105	9869; 9866	<p>GCF_001890105</p>
246	Aspergillus versicolor	GCF_ 001890125	13222; 13222	<p>GCF_001890125</p>

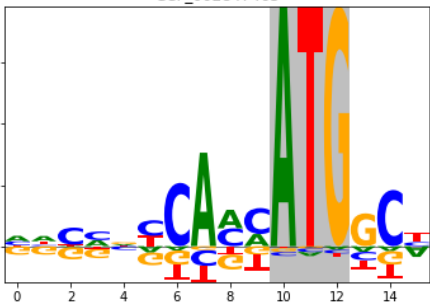
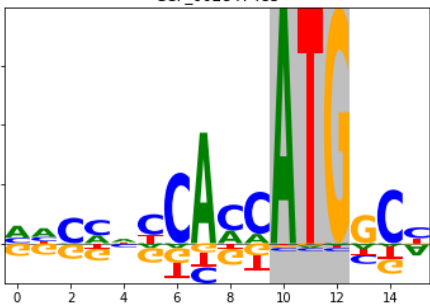
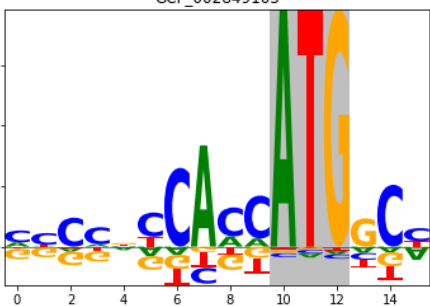
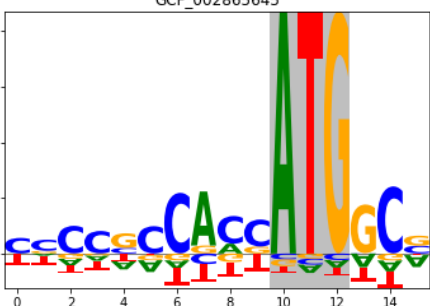
247	Aspergillus sydowii	GCF_ 001890705	13579; 13577	 <p>GCF_001890705</p>
248	Aspergillus wentii	GCF_ 001890725	12434; 12434	 <p>GCF_001890725</p>
249	Aspergillus glaucus	GCF_ 001890805	11254; 11251	 <p>GCF_001890805</p>
250	Aspergillus aculeatus	GCF_ 001890905	10830; 10830	 <p>GCF_001890905</p>

251	Talaromyces amestolkiae	GCF_001896365	10403, 10401	 <p>GCF_001896365</p>
252	Talaromyces atroroseus	GCF_001907595	9523; 9521	 <p>GCF_001907595</p>
253	Penicillium solitum	GCF_002072235	11870; 11868	 <p>GCF_002072235</p>
254	Saccharomyces paradoxus	GCF_002079055	5538; 5538	 <p>GCF_002079055</p>

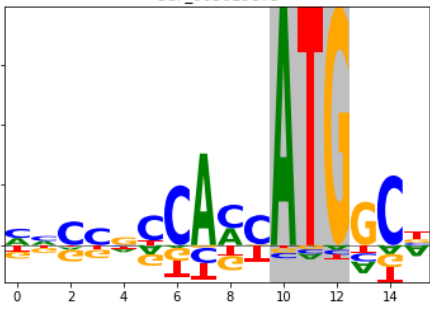
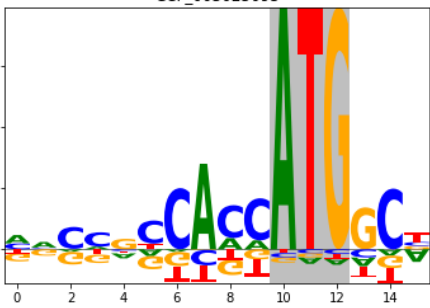
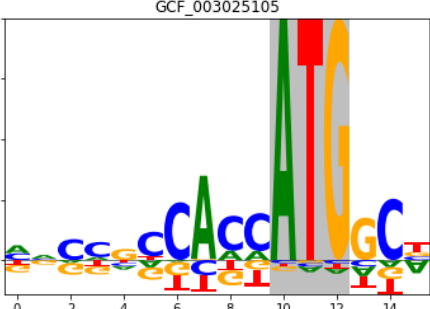
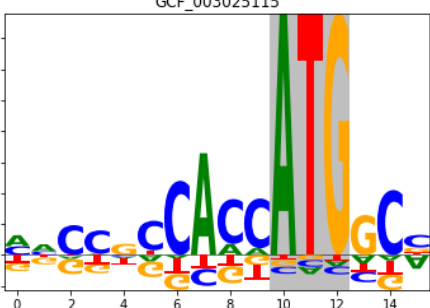
255	Kockovaella imperatae	GCF_ 002102565	7392; 7391	 <p>GCF_002102565</p>
256	Linderina pennispora	GCF_ 002104995	9350; 9345	 <p>GCF_002104995</p>
257	Pseudomassariella vexata	GCF_ 002105095	12564; 12562	 <p>GCF_002105095</p>
258	Protomyces lactucae-debilis	GCF_ 002105105	6722; 6721	 <p>GCF_002105105</p>

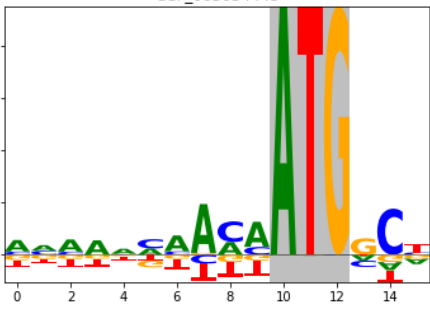
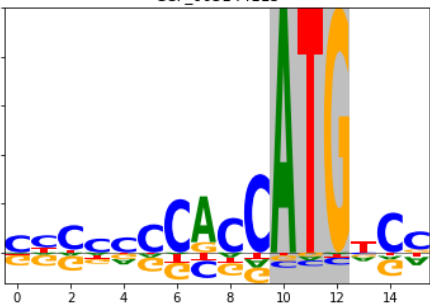
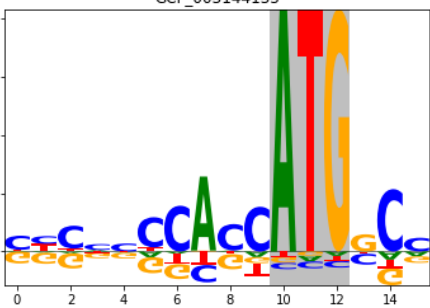
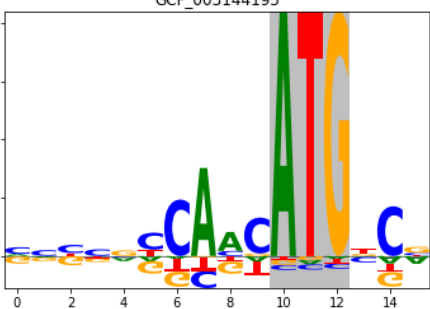
259	Lobosporangium transversale	GCF_ 002105155	11818; 11813	 <p>Sequence logo for GCF_002105155. The y-axis represents information content from 0.0 to 2.0. The x-axis shows positions 0 to 14. A prominent motif is visible at positions 10-12, with a peak at position 11. The motif consists of a G at position 10, a C at position 11, and a G at position 12. Other positions show low information content.</p>
260	Postia placenta	GCF_ 002117355	12537; 12487	 <p>Sequence logo for GCF_002117355. The y-axis represents information content from -0.25 to 1.75. The x-axis shows positions 0 to 14. A prominent motif is visible at positions 10-12, with a peak at position 11. The motif consists of a G at position 10, a C at position 11, and a G at position 12. Other positions show low information content.</p>
261	Aspergillus thermomutatus	GCF_ 002237265	9695; 9695	 <p>Sequence logo for GCF_002237265. The y-axis represents information content from 0.0 to 1.5. The x-axis shows positions 0 to 14. A prominent motif is visible at positions 10-12, with a peak at position 11. The motif consists of a G at position 10, a C at position 11, and a G at position 12. Other positions show low information content.</p>
262	Wickerhamiella sorbophila	GCF_ 002251995	4740; 4739	 <p>Sequence logo for GCF_002251995. The y-axis represents information content from 0.0 to 2.0. The x-axis shows positions 0 to 14. A prominent motif is visible at positions 10-12, with a peak at position 11. The motif consists of a G at position 10, a C at position 11, and a G at position 12. Other positions show low information content.</p>

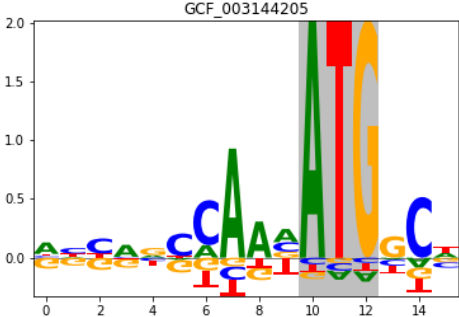
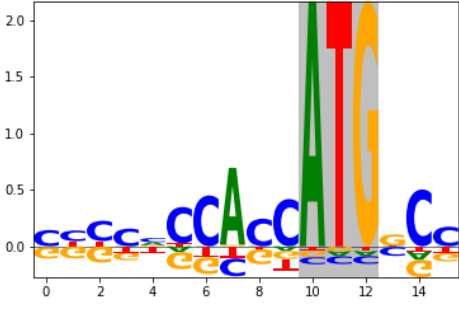
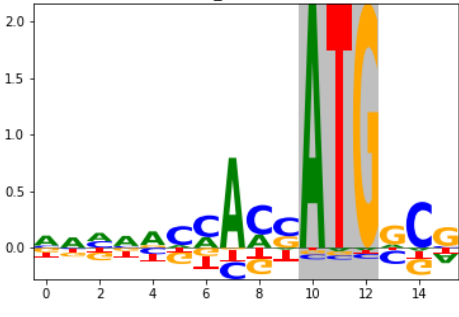
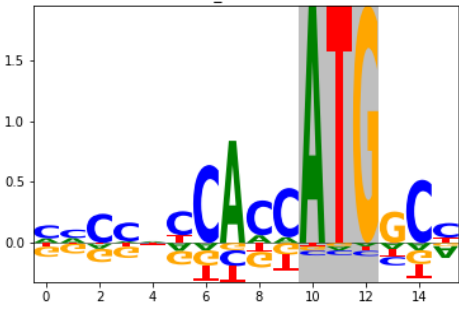
263	Rhizopus microsporus	GCF_ 002708625	10888; 10883	<p>GCF_002708625</p>
264	Cercospora beticola	GCF_ 002742065	12271; 12269	<p>GCF_002742065</p>
265	Aspergillus ochraceoroseus	GCF_ 002846915	8828; 8828	<p>GCF_002846915</p>
266	Aspergillus candidus	GCF_ 002847045	9639; 9639	<p>GCF_002847045</p>

267	Aspergillus novofumigatus	GCF_ 002847465	11438; 11438	 <p>GCF_002847465</p>
268	Aspergillus campestris	GCF_ 002847485	9659; 9659	 <p>GCF_002847485</p>
269	Aspergillus steynii	GCF_ 002849105	12927; 12925	 <p>GCF_002849105</p>
270	Hyaloscypha bicolor	GCF_ 002865645	18598; 18598	 <p>GCF_002865645</p>

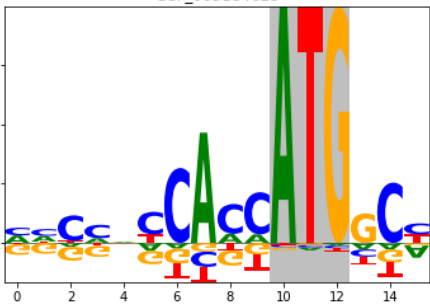
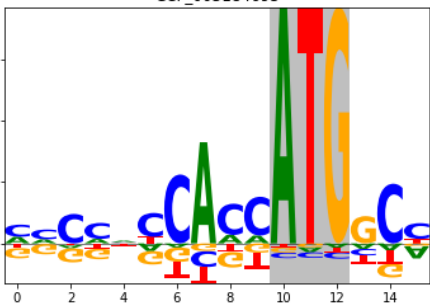
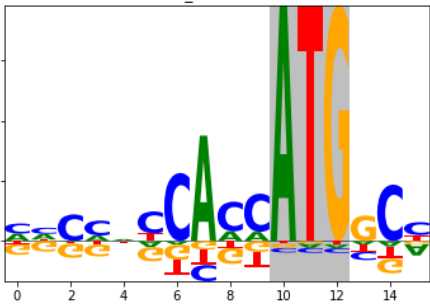
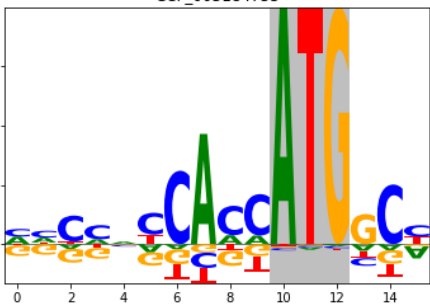
271	Candida/ Metschnikowiacea e haemuloni	GCF_ 002926055	5249; 5249	<p>GCF_002926055</p>
272	Candida/ Metschnikowiacea e duobushaemulonis	GCF_ 002926085	5173; 5173	<p>GCF_002926085</p>
273	Candida/ Metschnikowiacea e auris	GCF_ 003013715	5327; 5327	<p>GCF_003013715</p>
274	Candida/ Metschnikowiacea e pseudohaemulonii	GCF_ 003013735	5134; 5134	<p>GCF_003013735</p>

275	Amorphotheca resinae	GCF_ 003019875	9642; 9642	 <p>GCF_003019875</p>
276	Trichoderma harzianum	GCF_ 003025095	14089; 14086	 <p>GCF_003025095</p>
277	Trichoderma asperellum	GCF_ 003025105	12582; 12581	 <p>GCF_003025105</p>
278	Trichoderma citrinoviride	GCF_ 003025115	9732; 9660	 <p>GCF_003025115</p>

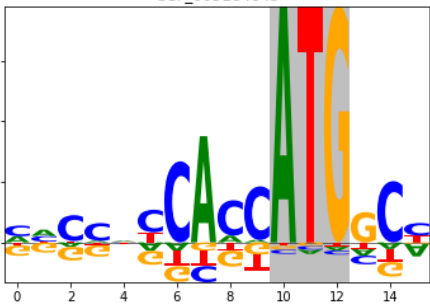
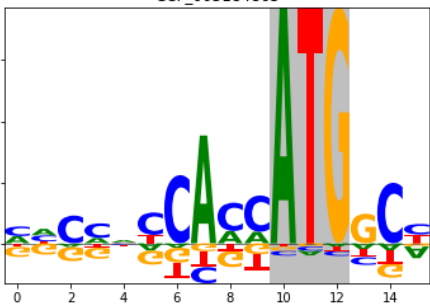
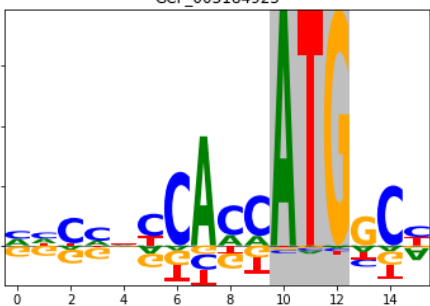
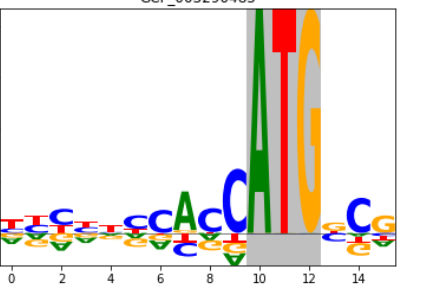
279	Pichia kudriavzevii	GCF_003054445	5139; 5139	 <p>GCF_003054445</p>
280	Tilletiopsis washingtonensis	GCF_003144115	7005; 7004	 <p>GCF_003144115</p>
281	Pseudomicrostroma glucosiphilum	GCF_003144135	6681; 6681	 <p>GCF_003144135</p>
282	Ceraceosorus guamensis	GCF_003144195	7822; 7820	 <p>GCF_003144195</p>

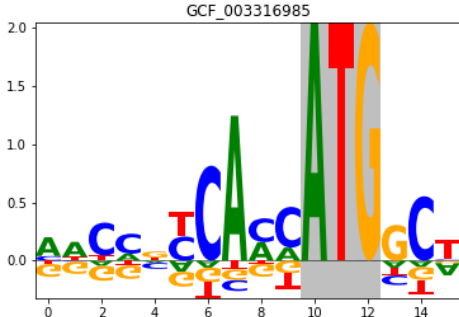
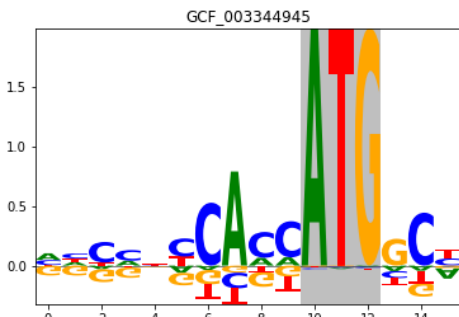
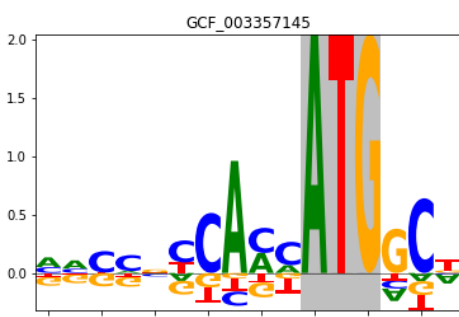
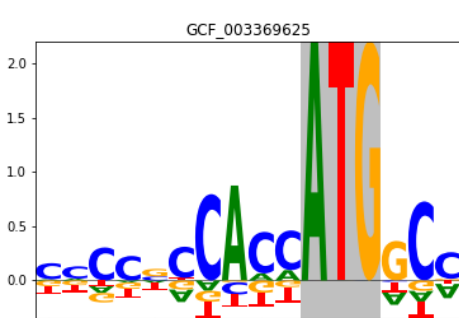
283	Meira miltonrushii	GCF_ 003144205	7444; 7444	 <p>GCF_003144205</p>
284	Jaminaea rosea	GCF_ 003144245	6858; 6858	 <p>GCF_003144245</p>
285	Acaromyces ingoldii	GCF_ 003144295	8026; 8025	 <p>GCF_003144295</p>
286	Aspergillus sclerotioniger	GCF_ 003184525	12338; 12334	 <p>GCF_003184525</p>

287	Aspergillus eucaalypticola	GCF_ 003184535	11855; 11851	<p>GCF_003184535</p>
288	Aspergillus heteromorphus	GCF_ 003184545	10783; 10778	<p>GCF_003184545</p>
289	Aspergillus saccharolyticus	GCF_ 003184585	10065; 10060	<p>GCF_003184585</p>
290	Aspergillus niger	GCF_ 003184595	13082; 13078	<p>GCF_003184595</p>

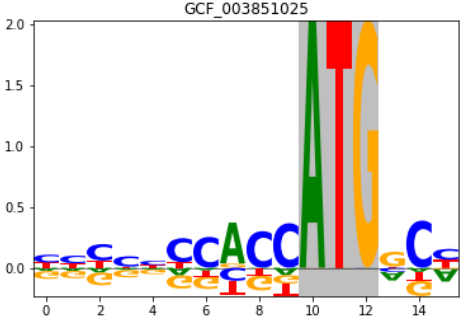
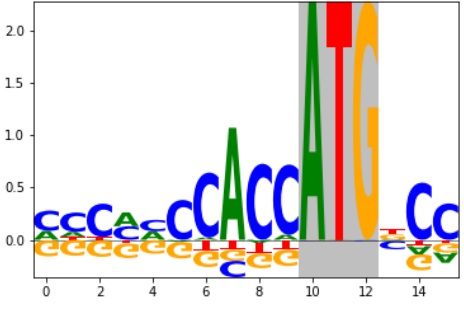
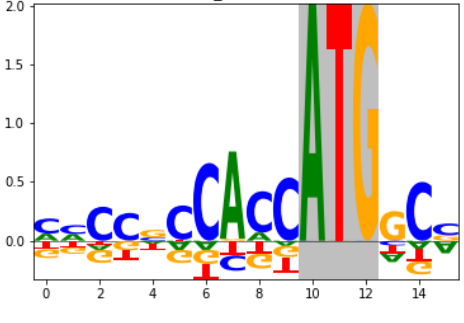
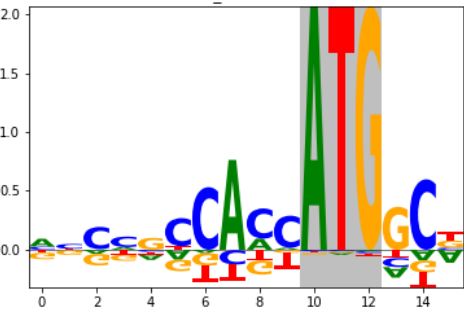
291	Aspergillus neoniger	GCF_ 003184625	11939; 11938	 <p>GCF_003184625</p>
292	Aspergillus brunneoviolaceus	GCF_ 003184695	12074; 12071	 <p>GCF_003184695</p>
293	Aspergillus uvarum	GCF_ 003184745	12015; 12010	 <p>GCF_003184745</p>
294	Aspergillus piperis	GCF_ 003184755	12071; 12070	 <p>GCF_003184755</p>

295	Aspergillus aculeatinus	GCF_ 003184765	12028; 12025	<p>GCF_003184765</p>
296	Aspergillus japonicus	GCF_ 003184785	12023; 12021	<p>GCF_003184785</p>
297	Aspergillus fijiensis	GCF_ 003184825	12018; 12014	<p>GCF_003184825</p>
298	Aspergillus costaricensis	GCF_ 003184835	11966; 11966	<p>GCF_003184835</p>

299	Aspergillus ibericus	GCF_ 003184845	11680; 11671	 <p>GCF_003184845</p>
300	Aspergillus homomorphus	GCF_ 003184865	11361; 11356	 <p>GCF_003184865</p>
301	Aspergillus vadensis	GCF_ 003184925	12132; 12130	 <p>GCF_003184925</p>
302	Malassezia restricta	GCF_ 003290485	4406; 4406	 <p>GCF_003290485</p>

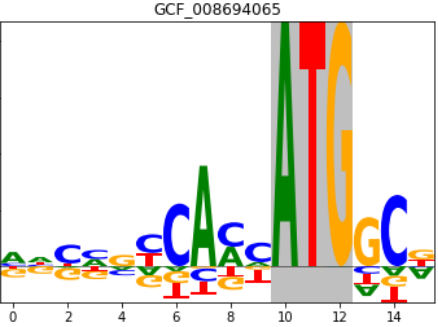
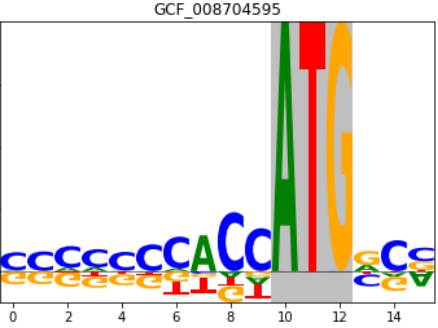
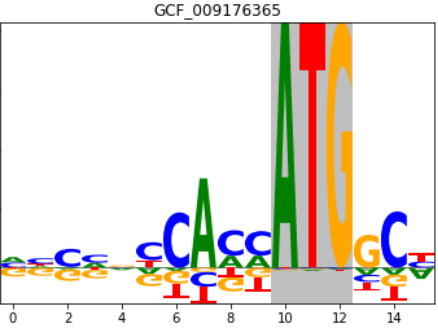
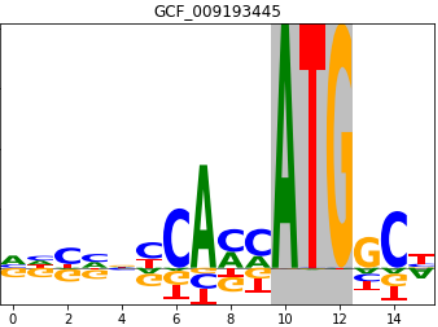
303	Fusarium coffeatum	GCF_ 003316985	11779; 11779	 <p>GCF_003316985</p>
304	Aspergillus welwitschiae	GCF_ 003344945	13684; 13681	 <p>GCF_003344945</p>
305	Venustampulla echinocandica	GCF_ 003357145	10707; 10706	 <p>GCF_003357145</p>
306	Aspergillus mulundensis	GCF_ 003369625	11603; 11603	 <p>GCF_003369625</p>

307	Aspergillus tanneri	GCF_ 003426965	11682; 11682	<p>GCF_003426965</p>
308	Morchella importuna	GCF_ 003444635	11642; 11642	<p>GCF_003444635</p>
309	Sodiomyces alkalinus	GCF_ 003711515	9403; 9403	<p>GCF_003711515</p>
310	Verticillium nonalfalae	GCF_ 003724135	9430; 9430	<p>GCF_003724135</p>

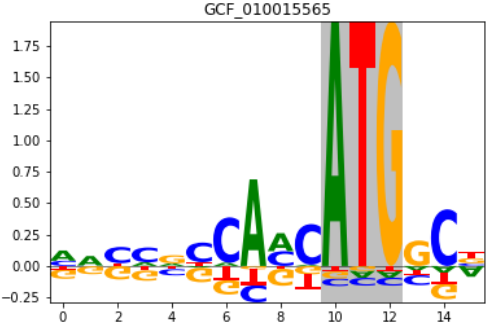
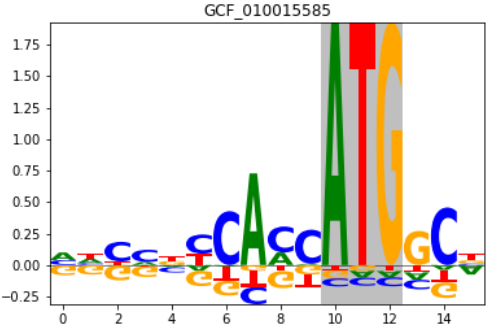
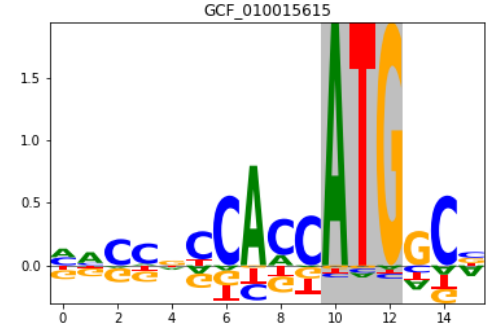
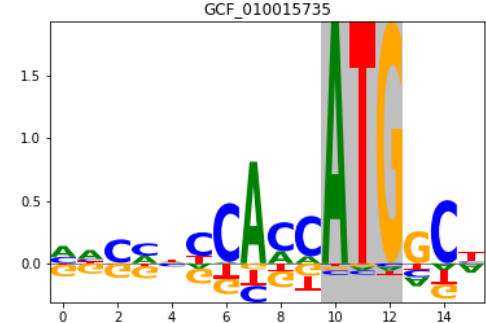
311	Sparassis crispa	GCF_ 003851025	13157; 13157	 <p>GCF_003851025</p>
312	Apiotrichum porosum	GCF_ 003942205	9153; 9153	 <p>GCF_003942205</p>
313	Ascochyta rabiei	GCF_ 004011695	11530; 11530	 <p>GCF_004011695</p>
314	Paecilomyces variotii	GCF_ 004022145	9270; 9269	 <p>GCF_004022145</p>

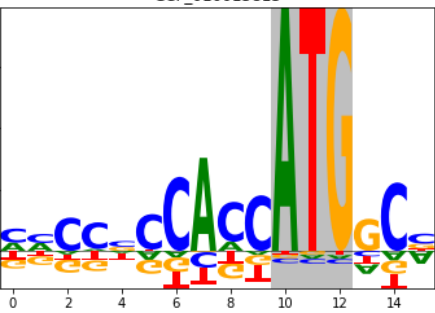
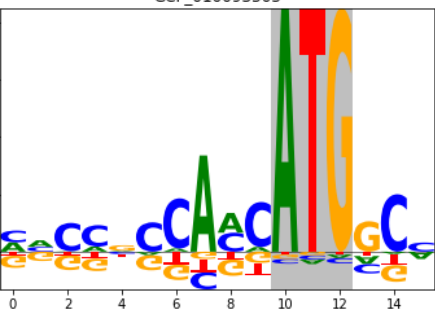
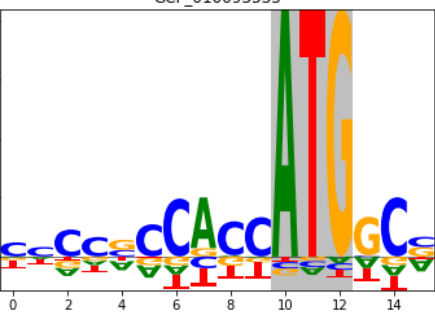
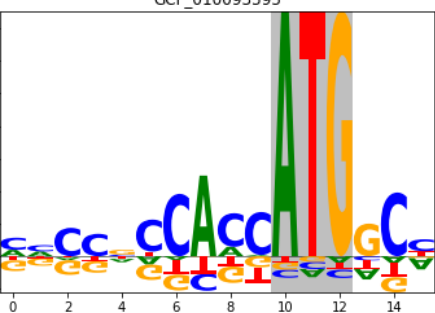
315	Alternaria arborescens	GCF_ 004154835	12885; 12877	<p>GCF_004154835</p>
316	Pyricularia pennisetigena	GCF_ 004337985	11428; 11421	<p>GCF_004337985</p>
317	Thyridium curvatum	GCF_ 004353045	12456; 12435	<p>GCF_004353045</p>
318	Pyricularia grisea	GCF_ 004355905	12441; 12440	<p>GCF_004355905</p>

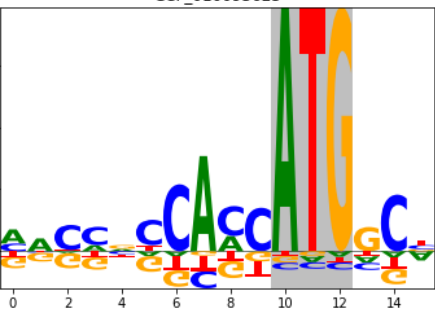
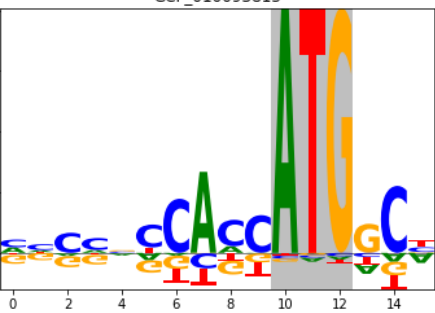
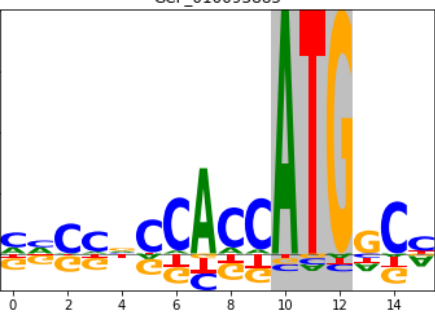
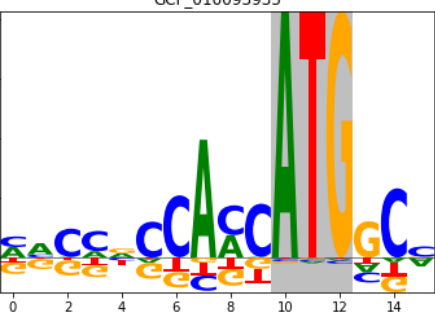
319	Sporisorium graminicola	GCF_ 005498985	6596; 6596	<p>GCF_005498985</p>
320	Synchytrium microbalum	GCF_ 006535985	6304; 6302	<p>GCF_006535985</p>
321	Lachnellula hyalina	GCF_ 007821495	9157; 9140	<p>GCF_007821495</p>
322	Kwoniella shandongensis	GCF_ 008629635	7423; 7423	<p>GCF_008629635</p>

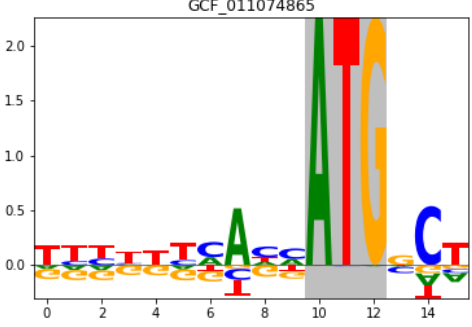
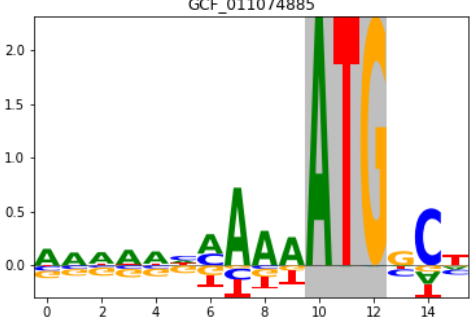
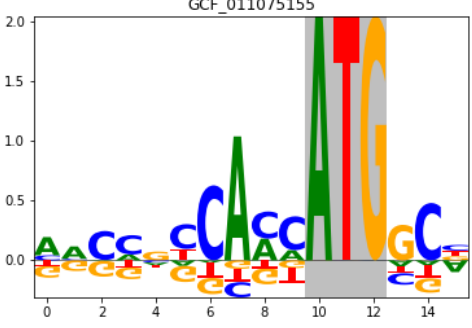
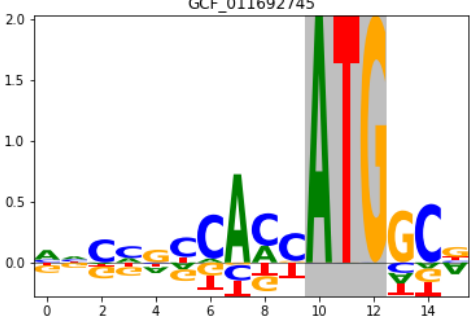
323	Daldinia childiae	GCF_ 008694065	9567; 9563	 <p>GCF_008694065</p>
324	Diutina rugosa	GCF_ 008704595	5819; 5808	 <p>GCF_008704595</p>
325	Aspergillus alliaceus	GCF_ 009176365	13098; 13098	 <p>GCF_009176365</p>
326	Aspergillus pseudotamarii	GCF_ 009193445	13428; 13428	 <p>GCF_009193445</p>

327	Aspergillus caelatus	GCF_ 009193585	13914; 13912	<p>GCF_009193585</p>
328	Aspergillus pseudonomiae	GCF_ 009193645	13384; 13382	<p>GCF_009193645</p>
329	Talaromyces marneffei	GCF_ 009556855	9994; 9994	<p>GCF_009556855</p>
330	Colletotrichum fructicola	GCF_ 009771025	18097; 18087	<p>GCF_009771025</p>

331	Dissoconium aciculare	GCF_ 010015565	10296; 10290	 <p>GCF_010015565</p>
332	Eremomyces bilateralis	GCF_ 010015585	9874; 9865	 <p>GCF_010015585</p>
333	Cucurbitaria berberidis	GCF_ 010015615	12393; 12393	 <p>GCF_010015615</p>
334	Aaosphaeria arxii	GCF_ 010015735	14201; 14191	 <p>GCF_010015735</p>

335	Dothidotthia symphoricarpi	GCF_ 010015815	11704; 11703	 <p>GCF_010015815</p>
336	Neohortaea acidophila	GCF_ 010093505	9826; 9820	 <p>GCF_010093505</p>
337	Lindgomyces ingoldianus	GCF_ 010093535	15947; 15941	 <p>GCF_010093535</p>
338	Mytilinidion resinicola	GCF_ 010093595	16792; 16790	 <p>GCF_010093595</p>

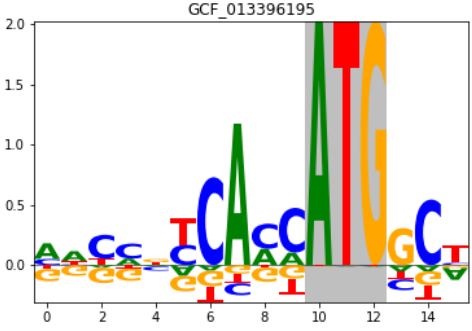
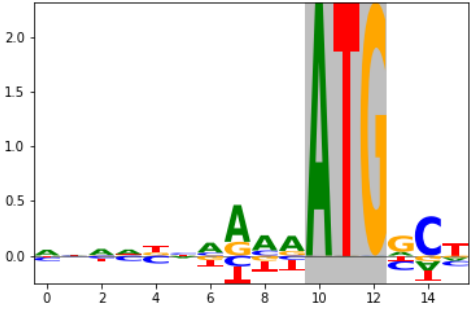
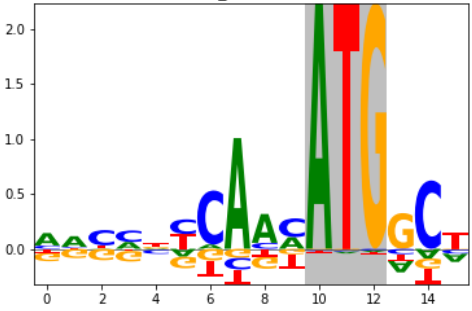
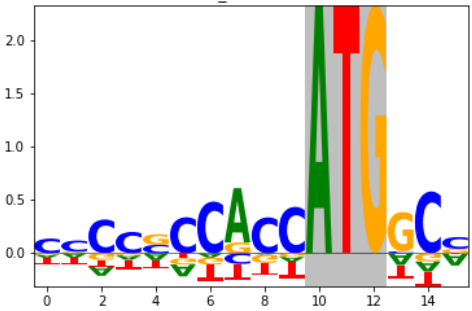
339	Macroventuria anomochaeta	GCF_ 010093625	12940; 12939	 <p>GCF_010093625</p>
340	Pseudovirgaria hyperparasitica	GCF_ 010093815	11218; 11213	 <p>GCF_010093815</p>
341	Aplosporella prunicola	GCF_ 010093885	12552; 12540	 <p>GCF_010093885</p>
342	Zasmidium cellare	GCF_ 010093935	16015; 16013	 <p>GCF_010093935</p>

347	Brettanomyces nanus	GCF_011074865	4711; 4711	 <p>GCF_011074865</p>
348	Brettanomyces bruxellensis	GCF_011074885	5243; 5243	 <p>GCF_011074885</p>
349	Colletotrichum scovillei	GCF_011075155	13419; 13419	 <p>GCF_011075155</p>
350	Arthroderma uncinatum	GCF_011692745	7016; 7016	 <p>GCF_011692745</p>

351	Cryphonectria parasitica	GCF_ 011745365	11588; 11588	<p>GCF_011745365</p>
352	Colletotrichum gloeosporioides	GCF_ 011800055	15667; 15667	<p>GCF_011800055</p>
353	Colletotrichum karsti	GCF_ 011947395	13328; 13328	<p>GCF_011947395</p>
354	Geosmithia morbida	GCF_ 012550715	7826; 7823	<p>GCF_012550715</p>

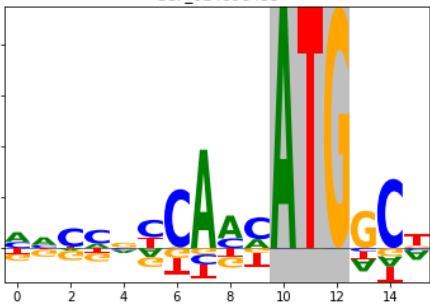
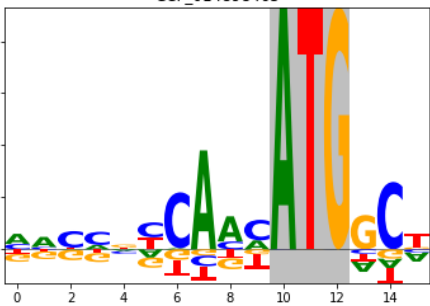
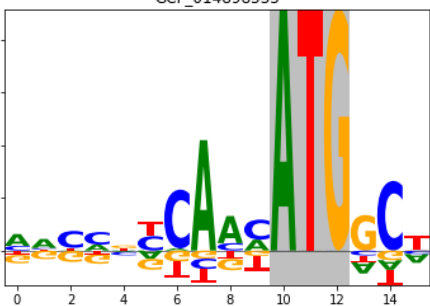
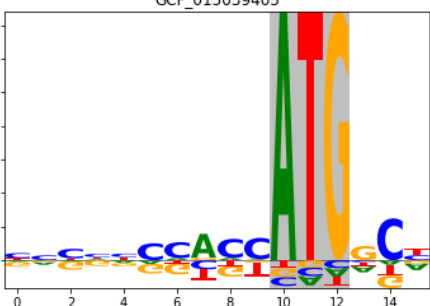
355	Lasiodiplodia theobromae	GCF_ 012971845	13054; 13045	<p>GCF_012971845</p>
356	Alternaria burnsii	GCF_ 013036055	11314; 11310	<p>GCF_013036055</p>
357	Fusarium oxysporum	GCF_ 013085055	16202; 16202	<p>GCF_013085055</p>
358	Aspergillus tubingensis	GCF_ 013340325	11476; 11476	<p>GCF_013340325</p>

359	Talaromyces rugulosus	GCF_ 013368755	11901; 11901	<p>GCF_013368755</p>
360	Colletotrichum aenigma	GCF_ 013390185	15190; 15189	<p>GCF_013390185</p>
361	Colletotrichum siamense	GCF_ 013390195	15190; 15190	<p>GCF_013390195</p>
362	Fusarium subglutinans	GCF_ 013396075	14040; 14039	<p>GCF_013396075</p>

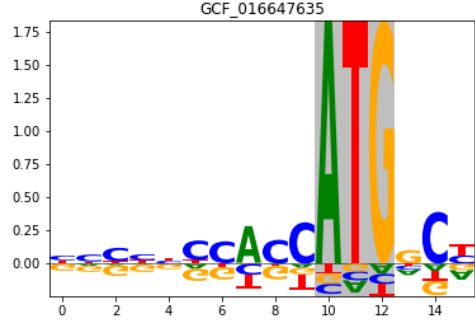
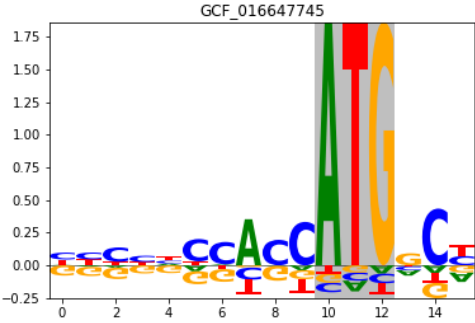
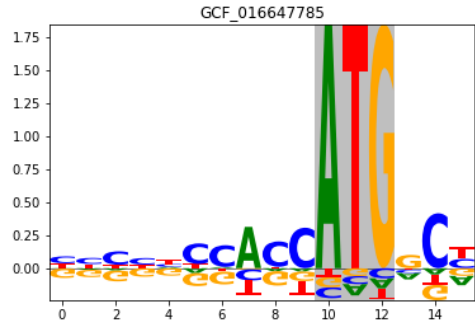
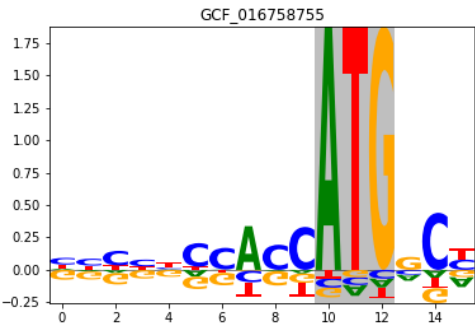
363	Fusarium tjaetaba	GCF_ 013396195	14181; 14160	 <p>GCF_013396195</p>
364	Zygorhizidium mrakii	GCF_ 013402915	5038; 5037	 <p>GCF_013402915</p>
365	Botrytis fragariae	GCF_ 013461495	12345; 12344	 <p>GCF_013461495</p>
366	Letharia columbiana	GCF_ 014066305	13310; 13310	 <p>GCF_014066305</p>

367	Letharia lupina	GCF_ 014066315	11013; 11013	<p>GCF_014066315</p>
368	Aspergillus flavus	GCF_ 014117465	12009; 12009	<p>GCF_014117465</p>
369	Torulaspora globosa	GCF_ 014133895	4930; 4930	<p>GCF_014133895</p>
370	Colletotrichum truncatum	GCF_ 014235925	15888; 15883	<p>GCF_014235925</p>

371	Mycena indigotica	GCF_ 014461135	13735; 13735	<p>GCF_014461135</p>
372	Pleurotus ostreatus	GCF_ 014466165	11695; 11695	<p>GCF_014466165</p>
373	Diaporthe citri	GCF_ 014595645	15761; 15761	<p>GCF_014595645</p>
374	Botrytis byssoides	GCF_ 014898295	12204; 12204	<p>GCF_014898295</p>

375	Botrytis sinoallii	GCF_ 014898435	12200; 12199	 <p>GCF_014898435</p>
376	Botrytis porri	GCF_ 014898465	12076; 12076	 <p>GCF_014898465</p>
377	Botrytis deweyae	GCF_ 014898535	12465; 12465	 <p>GCF_014898535</p>
378	Cantharellus anzutake	GCF_ 015039405	16954; 16949	 <p>GCF_015039405</p>

379	Penicillium roqueforti	GCF_ 015533775	9781; 9780	<p>GCF_015533775</p>
380	Aspergillus melleus	GCF_ 016097325	12848; 12848	<p>GCF_016097325</p>
381	Suillus paluster	GCF_ 016628075	16585; 16576	<p>GCF_016628075</p>
382	Suillus subalutaceus	GCF_ 016647625	17080; 17071	<p>GCF_016647625</p>

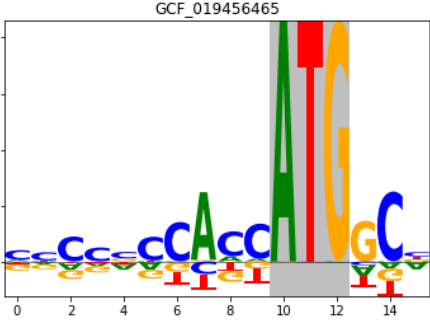
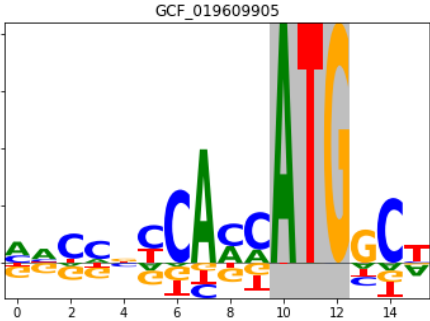
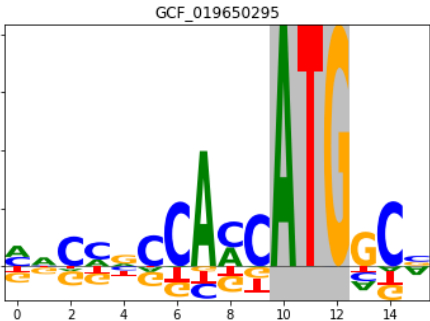
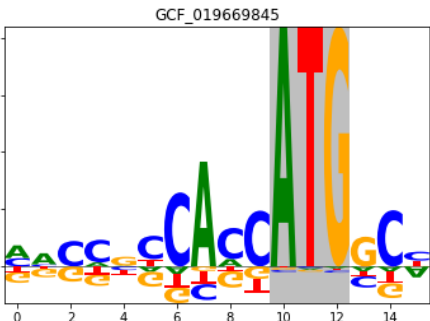
383	Suillus subaureus	GCF_ 016647635	15739; 15729	 <p>Sequence logo for GCF_016647635. The y-axis represents information content from -0.25 to 1.75. The x-axis shows positions 0 to 14. A conserved motif 'ccAcC' is visible between positions 6 and 10. Position 14 has a very high peak for the letter 'C' (blue), reaching approximately 1.75. Other positions have low information content.</p>
384	Suillus plorans	GCF_ 016647745	16397; 16395	 <p>Sequence logo for GCF_016647745. The y-axis represents information content from -0.25 to 1.75. The x-axis shows positions 0 to 14. A conserved motif 'ccAcC' is visible between positions 6 and 10. Position 14 has a very high peak for the letter 'C' (blue), reaching approximately 1.75. Other positions have low information content.</p>
385	Suillus fuscotomentosus	GCF_ 016647785	18510; 18504	 <p>Sequence logo for GCF_016647785. The y-axis represents information content from -0.25 to 1.75. The x-axis shows positions 0 to 14. A conserved motif 'ccAcC' is visible between positions 6 and 10. Position 14 has a very high peak for the letter 'C' (blue), reaching approximately 1.75. Other positions have low information content.</p>
386	Suillus discolor	GCF_ 016758755	16509; 16505	 <p>Sequence logo for GCF_016758755. The y-axis represents information content from -0.25 to 1.75. The x-axis shows positions 0 to 14. A conserved motif 'ccAcC' is visible between positions 6 and 10. Position 14 has a very high peak for the letter 'C' (blue), reaching approximately 1.75. Other positions have low information content.</p>

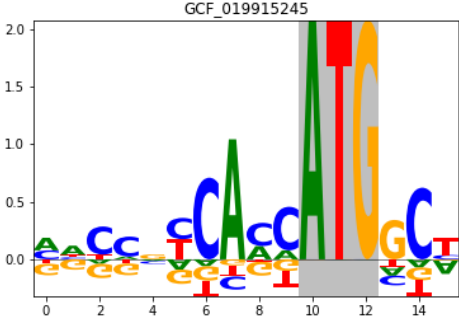
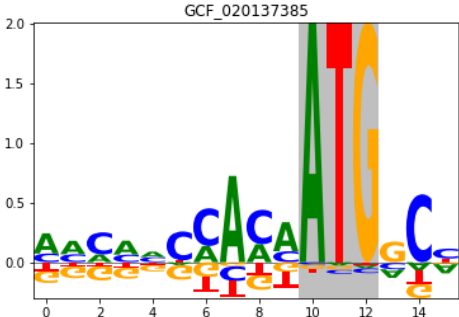
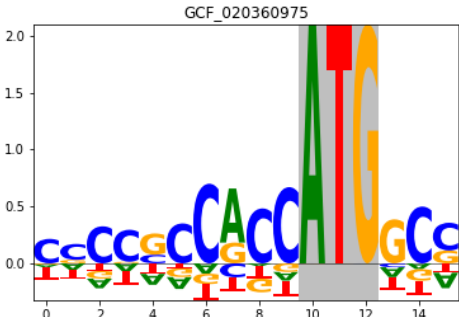
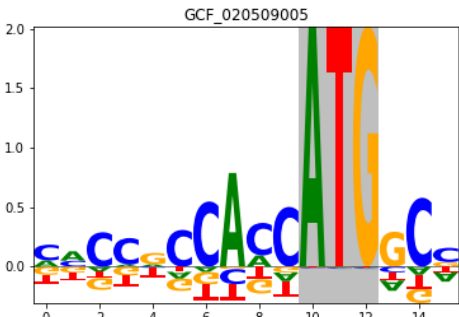
387	Suillus clintonianus	GCF_ 016758775	15529; 15520	<p>GCF_016758775</p>
388	Suillus bovinus	GCF_ 016758785	13537; 13533	<p>GCF_016758785</p>
389	Aspergillus luchuensis	GCF_ 016861625	12662; 12661	<p>GCF_016861625</p>
390	Aspergillus chevalieri	GCF_ 016861735	10331; 10331	<p>GCF_016861735</p>

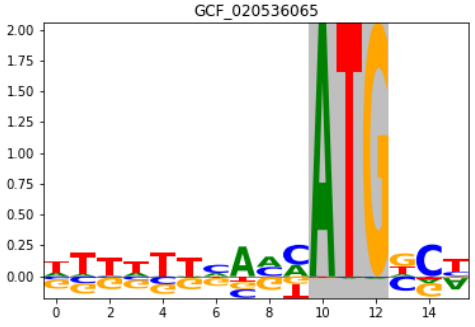
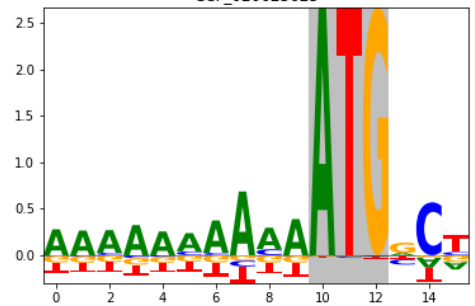
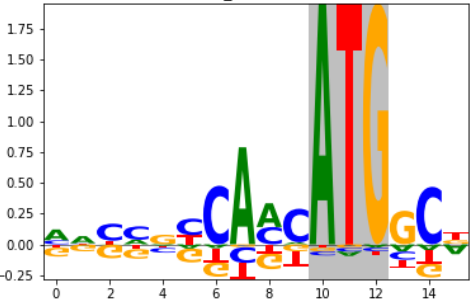
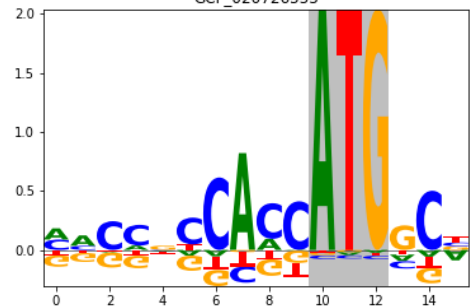
391	Aspergillus puulaauensis	GCF_ 016861865	13606; 13606	<p>GCF_016861865</p>
392	Rhizoctonia solani	GCF_ 016906535	12301; 12301	<p>GCF_016906535</p>
393	Psilocybe cubensis	GCF_ 017499595	13330; 13330	<p>GCF_017499595</p>
394	Aspergillus pseudoviridinutans	GCF_ 018340605	11280; 11277	<p>GCF_018340605</p>

395	Aspergillus viridinutans	GCF_ 018404265	10039; 10039	<p>GCF_018404265</p>
396	Marasmius oreades	GCF_ 018924745	13700; 13700	<p>GCF_018924745</p>
397	Scheffersomyces spartinae	GCF_ 019049425	5045; 5044	<p>GCF_019049425</p>
398	Guyanagaster necrorhizus	GCF_ 019112545	14273; 14266	<p>GCF_019112545</p>

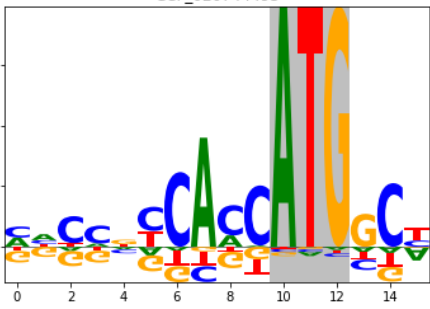
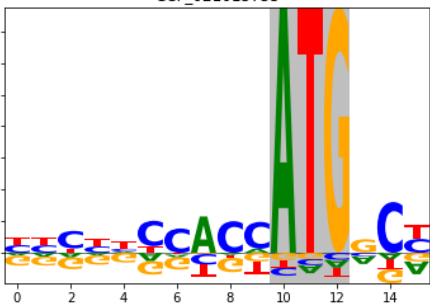
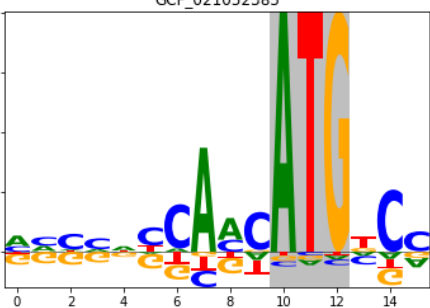
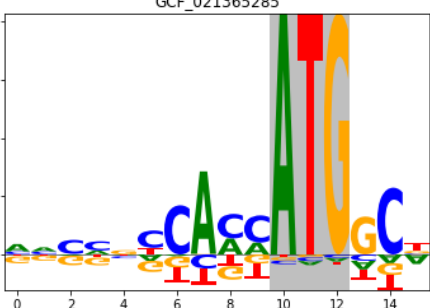
399	Spathaspora subhashii	GCF_ 019202705	6178; 6125	<p>GCF_019202705</p>
400	Ogataea haglerorum	GCF_ 019207285	5407; 5402	<p>GCF_019207285</p>
401	Ogataea angusta	GCF_ 019207475	5441; 5437	<p>GCF_019207475</p>
402	Diaporthe batatas	GCF_ 019321695	13864, 13864	<p>GCF_019321695</p>

403	Bacidia gigantensis	GCF_ 019456465	9228; 9228	 <p>GCF_019456465</p>
404	Fusarium poae	GCF_ 019609905	13851; 13851	 <p>GCF_019609905</p>
405	Cercospora kikuchii	GCF_ 019650295	13001; 13001	 <p>GCF_019650295</p>
406	Emericellopsis atlantica	GCF_ 019669845	9962; 9960	 <p>GCF_019669845</p>

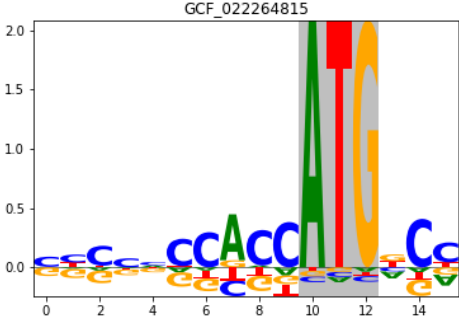
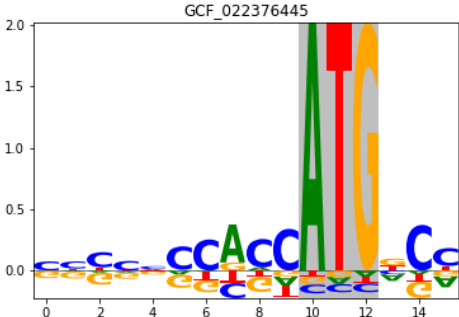
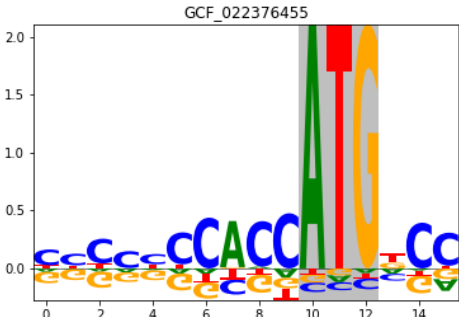
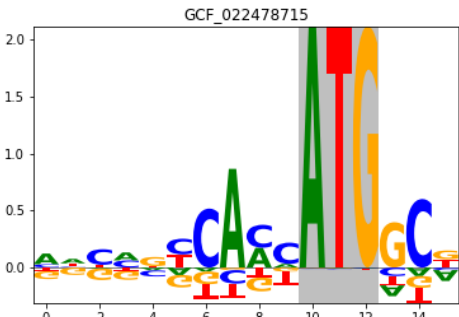
407	Fusarium musae	GCF_ 019915245	13672; 13672	 <p>GCF_019915245</p>
408	Morchella sextelata	GCF_ 020137385	13182; 13182	 <p>GCF_020137385</p>
409	Hirsutella rhossiliensis	GCF_ 020360975	12053; 12053	 <p>GCF_020360975</p>
410	Fulvia fulva	GCF_ 020509005	14993; 14993	 <p>GCF_020509005</p>

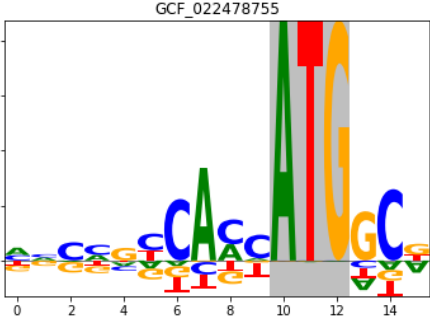
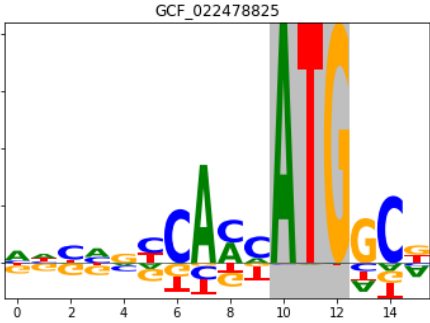
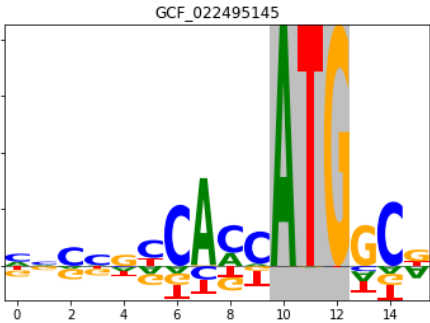
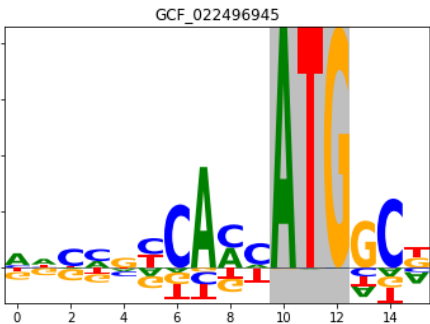
411	Ogataea philodendri	GCF_ 020536065	7484; 7406	 <p>GCF_020536065</p>
412	Saccharomyces ludwigii	GCF_ 020623625	5026; 5026	 <p>GCF_020623625</p>
413	Truncatella angustata	GCF_ 020726525	14775; 14775	 <p>GCF_020726525</p>
414	Boeremia exigua	GCF_ 020726555	12871; 12870	 <p>GCF_020726555</p>

415	Alternaria rosae	GCF_ 020736505	12640; 12639	<p>GCF_020736505</p>
416	Microdochium trichocladiopsis	GCF_ 020744255	16023; 16021	<p>GCF_020744255</p>
417	Fusarium flagelliforme	GCF_ 020744385	13580; 13577	<p>GCF_020744385</p>
418	Fusarium redolens	GCF_ 020744475	17049; 17046	<p>GCF_020744475</p>

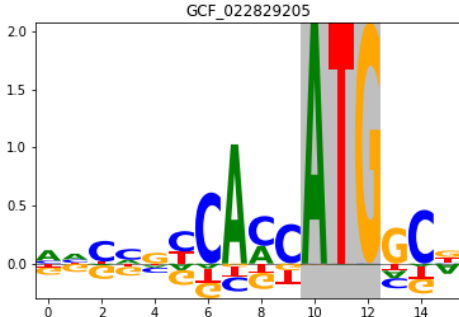
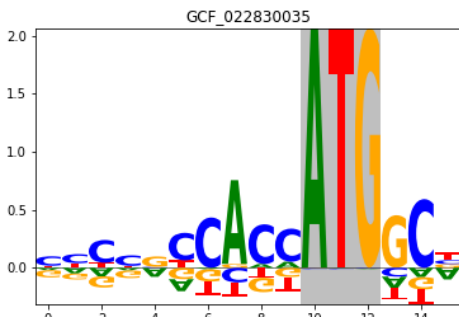
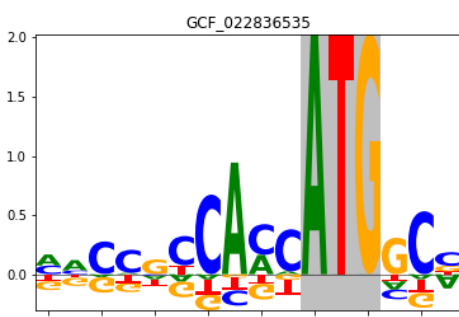
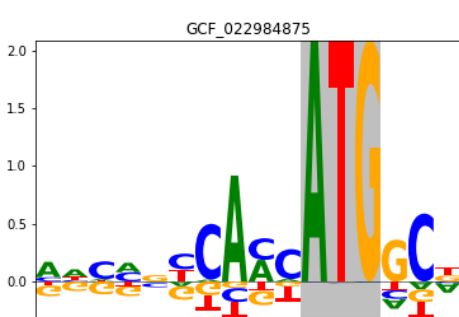
419	Fusarium solani	GCF_ 020744495	17654, 17653	 <p>GCF_020744495</p>
420	Lentinula edodes	GCF_ 021015755	14078; 14074	 <p>GCF_021015755</p>
421	Filobasidium floriforme	GCF_ 021052385	8301; 8300	 <p>GCF_021052385</p>
422	Talaromyces proteolyticus	GCF_ 021365285	13585; 13585	 <p>GCF_021365285</p>

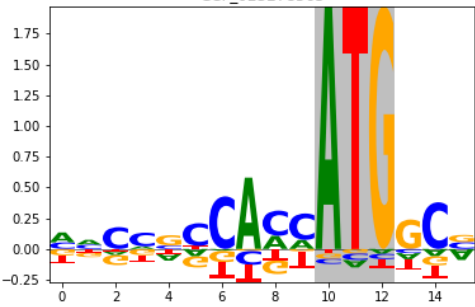
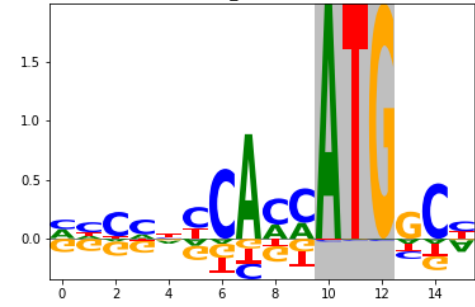
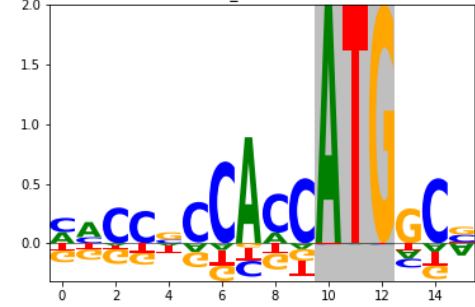
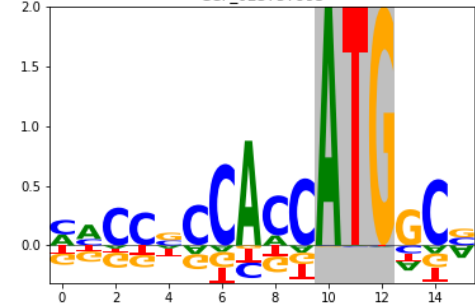
423	Ilyonectria robusta	GCF_ 021365365	20496; 20490	<p>GCF_021365365</p>
424	Nematocida major	GCF_ 021653875	2415; 2365	<p>GCF_021653875</p>
425	Puccinia striiformis	GCF_ 021901695	17118; 17118	<p>GCF_021901695</p>
426	Emericellopsis cladophorae	GCF_ 022114955	8523; 8492	<p>GCF_022114955</p>

427	Rhodofomes roseus	GCF_ 022264815	12986; 12982	 <p>Sequence logo for GCF_022264815. The y-axis represents information content from 0.0 to 2.0. The x-axis shows positions 0 to 14. A conserved motif 'ccAACC' is visible between positions 6 and 10. Position 10 has a very high peak for 'G' (green), reaching nearly 2.0. Position 11 has a high peak for 'C' (blue), and position 12 has a high peak for 'G' (green).</p>
428	Neoantrodia serialis	GCF_ 022376445	17405; 17398	 <p>Sequence logo for GCF_022376445. The y-axis represents information content from 0.0 to 2.0. The x-axis shows positions 0 to 14. A conserved motif 'ccAACC' is visible between positions 6 and 10. Position 10 has a very high peak for 'G' (green), reaching nearly 2.0. Position 11 has a high peak for 'C' (blue), and position 12 has a high peak for 'G' (green).</p>
429	Epithele typhae	GCF_ 022376455	13761; 13752	 <p>Sequence logo for GCF_022376455. The y-axis represents information content from 0.0 to 2.0. The x-axis shows positions 0 to 14. A conserved motif 'ccAACC' is visible between positions 6 and 10. Position 10 has a very high peak for 'G' (green), reaching nearly 2.0. Position 11 has a high peak for 'C' (blue), and position 12 has a high peak for 'G' (green).</p>
430	Daldinia decipiens	GCF_ 022478715	10735; 10735	 <p>Sequence logo for GCF_022478715. The y-axis represents information content from 0.0 to 2.0. The x-axis shows positions 0 to 14. A conserved motif 'ccAACC' is visible between positions 6 and 10. Position 10 has a very high peak for 'G' (green), reaching nearly 2.0. Position 11 has a high peak for 'C' (blue), and position 12 has a high peak for 'G' (green).</p>

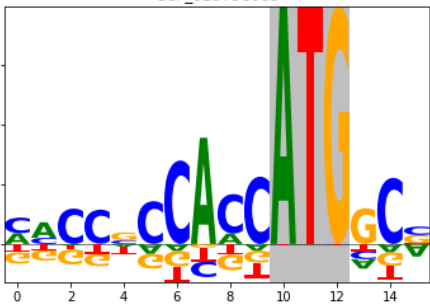
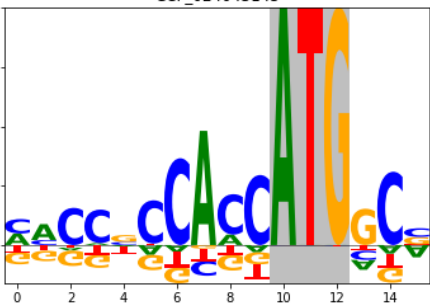
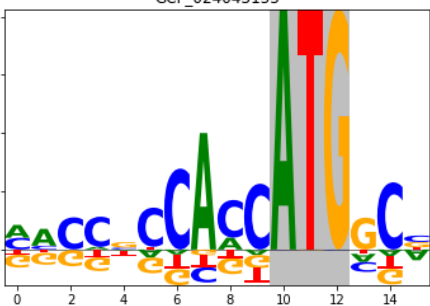
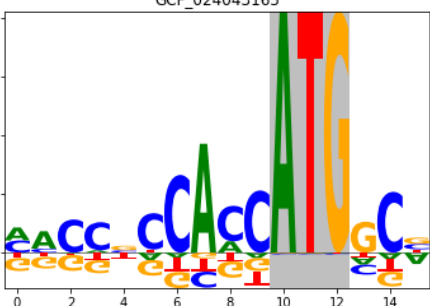
431	Daldinia loculata	GCF_ 022478755	10825; 10825	 <p>GCF_022478755</p>
432	Daldinia caldariorum	GCF_ 022478825	10397; 10397	 <p>GCF_022478825</p>
433	Xylaria bamusicola	GCF_ 022495145	12119; 12119	 <p>GCF_022495145</p>
434	Annulohyphoxylon maeteangense	GCF_ 022496945	11000; 11000	 <p>GCF_022496945</p>

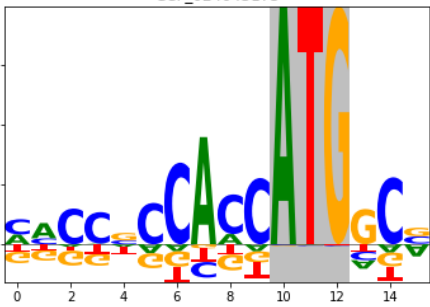
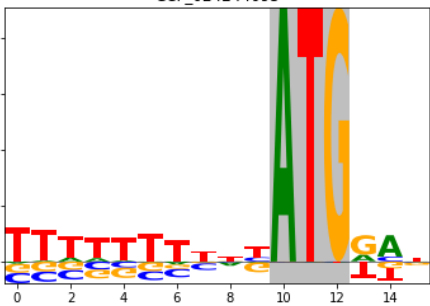
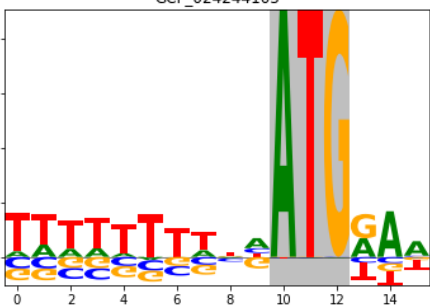
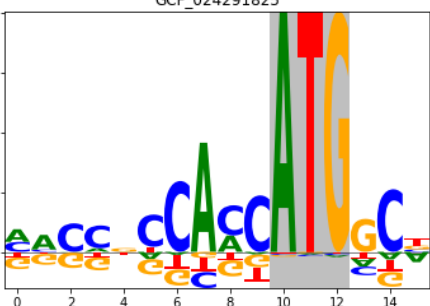
435	Daldinia vernica	GCF_ 022497035	10670; 10670	<p>GCF_022497035</p>
436	Annulohyphylon truncatum	GCF_ 022578515	11144; 11144	<p>GCF_022578515</p>
437	Hypoxyton trugodes	GCF_ 022578975	11996; 11995	<p>GCF_022578975</p>
438	Purpureocillium takamizusanense	GCF_ 022605165	10744; 10744	<p>GCF_022605165</p>

439	Neoarthrinium moseri	GCF_ 022829205	13929; 13923	 <p>GCF_022829205</p>
440	Ophidiomyces ophidiicola	GCF_ 022830035	6833; 6833	 <p>GCF_022830035</p>
441	Colletotrichum spaethianum	GCF_ 022836535	12842; 12842	 <p>GCF_022836535</p>
442	Hypoxyton fragiforme	GCF_ 022984875	10262; 10261	 <p>GCF_022984875</p>

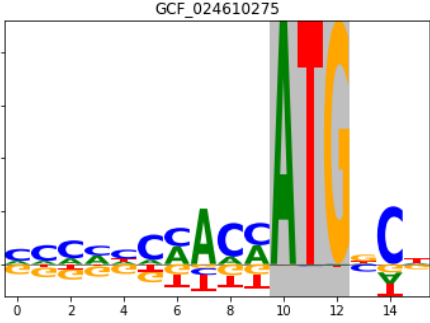
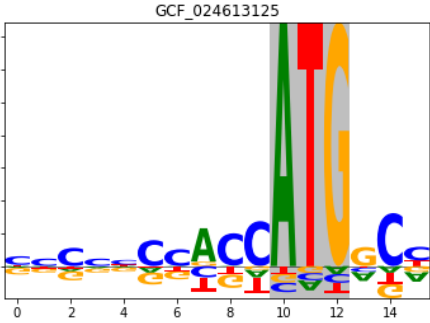
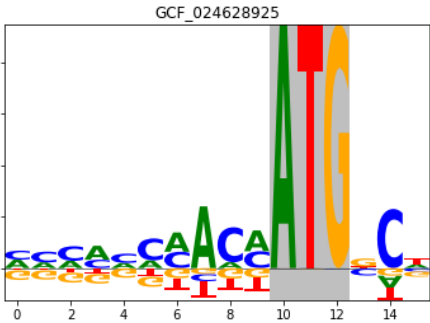
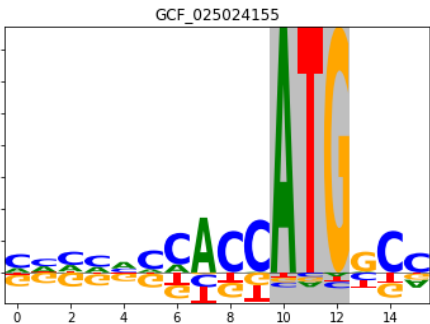
443	Colletotrichum lupini	GCF_ 023278565	18280; 18280	 <p>GCF_023278565</p>
444	Candida oxycetoniae	GCF_ 023343755	4939; 4924	Non-determined
445	Aspergillus affinis	GCF_ 023601865	11661; 11643	 <p>GCF_023601865</p>
446	Alternaria ethzedia	GCF_ 023757985	10985; 10985	 <p>GCF_023757985</p>
447	Alternaria metachromatica	GCF_ 023757995	11000; 11000	 <p>GCF_023757995</p>

448	Alternaria viburni	GCF_ 023758015	11747; 11747	
449	Alternaria triticimaculans	GCF_ 023758025	10994; 10994	
450	Alternaria ventricosa	GCF_ 023758065	10954; 10954	
451	Alternaria novae-zelandiae	GCF_ 023758075	10919; 10919	

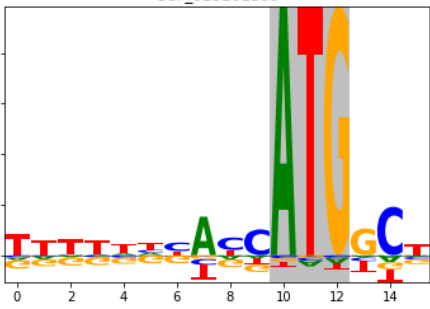
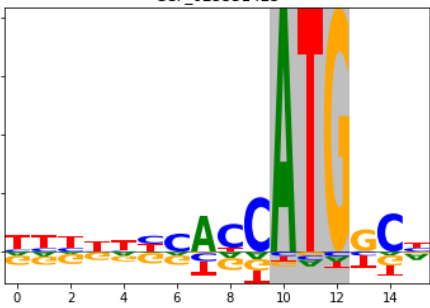
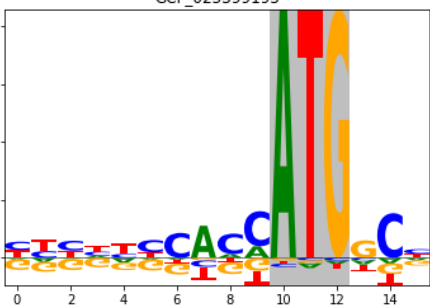
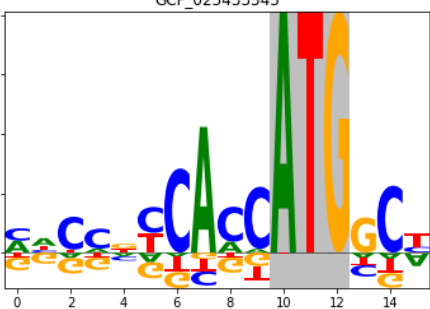
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453	Alternaria conjuncta	GCF_ 024043145	11648; 11648	 <p>GCF_024043145</p>
454	Alternaria arbusti	GCF_ 024043155	11721; 11721	 <p>GCF_024043155</p>
455	Alternaria incomplexa	GCF_ 024043165	10979; 10979	 <p>GCF_024043165</p>

456	Alternaria infectoria	GCF_ 024043175	10982; 10982	 <p>GCF_024043175</p>
457	Nematocida homosporus	GCF_ 024244095	2541; 2478	 <p>GCF_024244095</p>
458	Nematocida minor	GCF_ 024244105	2523; 2459	 <p>GCF_024244105</p>
459	Alternaria postmessia	GCF_ 024291825	11632; 11632	 <p>GCF_024291825</p>

460	Tricharina praecox	GCF_ 024521635	10413; 10408	<p>GCF_024521635</p>
461	Durotheca rogersii	GCF_ 024521655	10535; 10535	<p>GCF_024521655</p>
462	Candida pseudojiufengensi s	GCF_ 024610245	5820; 5812	<p>GCF_024610245</p>
463	Candida jiufengensis	GCF_ 024610255	5679; 5671	<p>GCF_024610255</p>

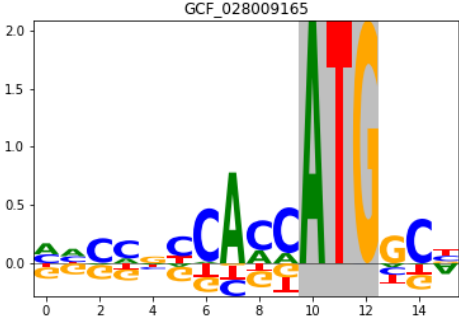
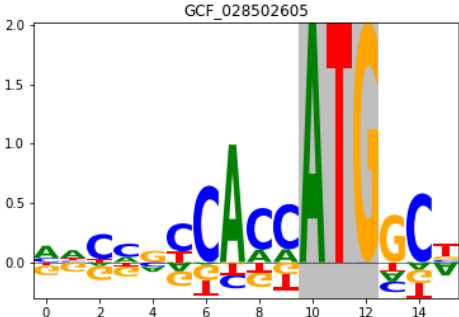
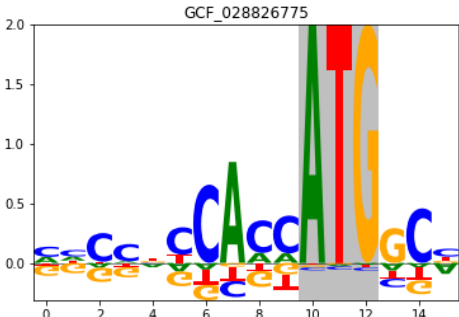
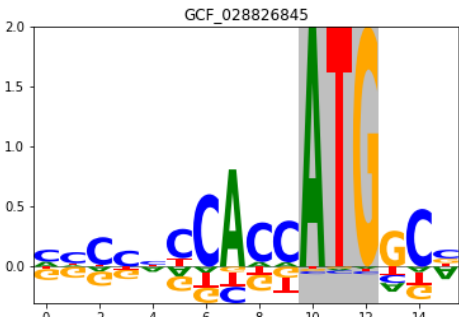
464	Candida theae	GCF_ 024610275	5405; 5388	 <p>GCF_024610275</p>
465	Pisolithus orientalis	GCF_ 024613125	12202; 12198	 <p>GCF_024613125</p>
466	Candida margitis	GCF_ 024628925	5528; 5470	 <p>GCF_024628925</p>
467	Gamsiella multidivariata	GCF_ 025024155	12215; 12208	 <p>GCF_025024155</p>

468	Kickxella alabastrina	GCF_ 025024165	7284; 7278	<p>GCF_025024165</p>
469	Mucor mucedo	GCF_ 025094135	14042; 14026	<p>GCF_025094135</p>
470	Cokeromyces recurvatus	GCF_ 025118155	10913; 10912	<p>GCF_025118155</p>
471	Gilbertella persicaria	GCF_ 025201335	10987; 10981	<p>GCF_025201335</p>

472	Halteromyces radiatus	GCF_ 025201355	10173; 10173	 <p>GCF_025201355</p>
473	Radiomyces spectabilis	GCF_ 025331425	10883; 10882	 <p>GCF_025331425</p>
474	Umbelopsis ramanniana	GCF_ 025399195	9915; 9904	 <p>GCF_025399195</p>
475	Fusarium keratoplasticum	GCF_ 025433545	14423; 14423	 <p>GCF_025433545</p>

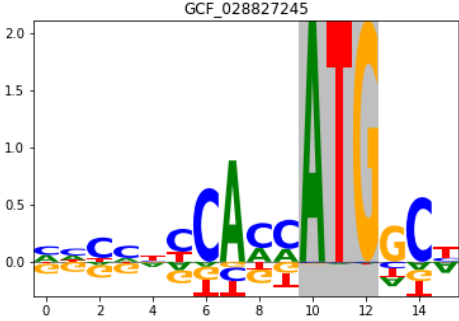
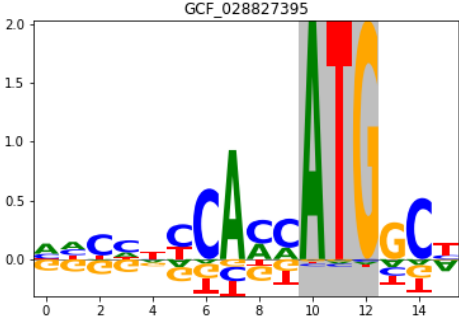
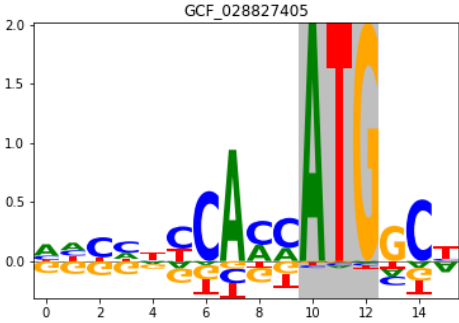
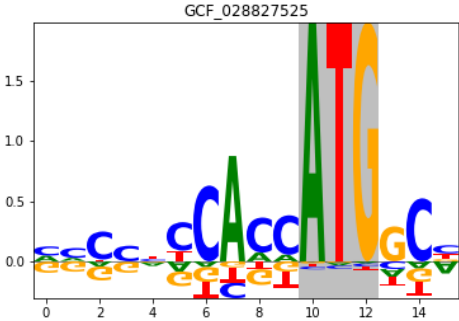
476	Fimicolochytrium jonesii	GCF_ 025526975	10065; 10064	<p>GCF_025526975</p>
477	Mycotypha africana	GCF_ 025528875	10914; 10914	<p>GCF_025528875</p>
478	Polychytrium aggregatum	GCF_ 025602895	10670; 10669	<p>GCF_025602895</p>
479	Zychoaea mexicana	GCF_ 025766255	13987; 13978	<p>GCF_025766255</p>

480	Colletotrichum fiorinae	GCF_ 026319165	12392; 12392	<p>GCF_026319165</p>
481	Colletotrichum chrysophilum	GCF_ 026319265	14123; 14123	<p>GCF_026319265</p>
482	Fusarium falciforme	GCF_ 026873545	14574; 14574	<p>GCF_026873545</p>
483	Didymosphaeria variabile	GCF_ 027946475	12535; 12535	<p>GCF_027946475</p>

484	Akanthomyces muscarius	GCF_ 028009165	12347; 12347	 <p>GCF_028009165</p>
485	Trichoderma breve	GCF_ 028502605	11590; 11590	 <p>GCF_028502605</p>
486	Penicillium argentinese	GCF_ 028826775	12143; 12143	 <p>GCF_028826775</p>
487	Penicillium canariense	GCF_ 028826845	10805; 10805	 <p>GCF_028826845</p>

488	Penicillium coprophilum	GCF_028826855	10983; 10983	<p>GCF_028826855</p>
489	Penicillium bovisomum	GCF_028826915	10403; 10403	<p>GCF_028826915</p>
490	Penicillium alfredii	GCF_028826965	10161; 10160	<p>GCF_028826965</p>
491	Penicillium cataractarum	GCF_028827025	12828; 12828	<p>GCF_028827025</p>

492	Penicillium chrysogenum	GCF_028827035	11975; 11975	<p>GCF_028827035</p>
493	Penicillium concentricum	GCF_028827145	11702; 11702	<p>GCF_028827145</p>
494	Penicillium citrinum	GCF_028827155	11664; 11664	<p>GCF_028827155</p>
495	Penicillium cosmopolitanum	GCF_028827165	14288; 14288	<p>GCF_028827165</p>

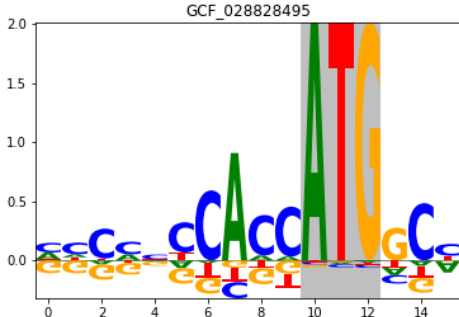
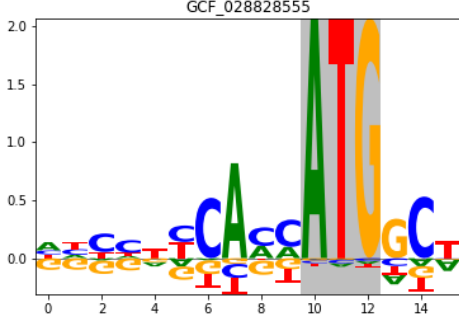
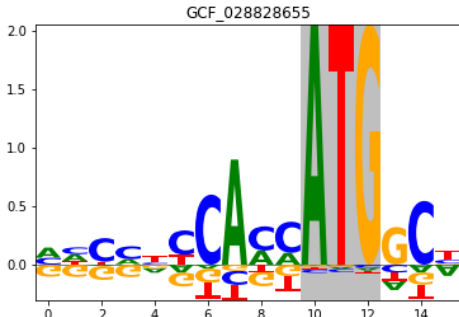
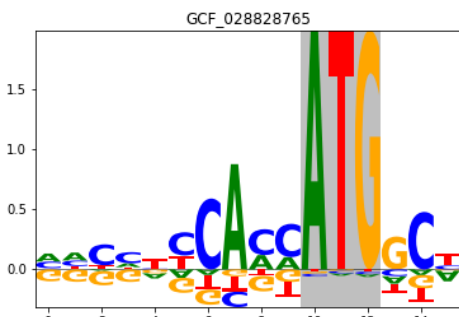
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497	Penicillium atrosanguineum	GCF_ 028827265	10999; 10999	Non-determined
498	Penicillium hordei	GCF_ 028827395	12337; 12337	 <p>GCF_028827395</p>
499	Penicillium crustosum	GCF_ 028827405	12343; 12343	 <p>GCF_028827405</p>
500	Penicillium daleae	GCF_ 028827525	12824; 12824	 <p>GCF_028827525</p>

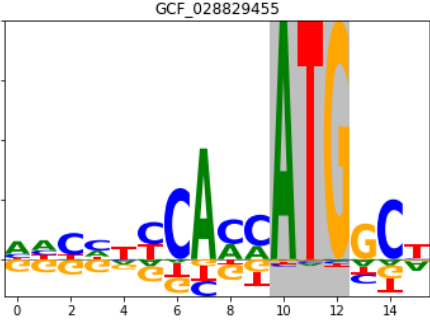
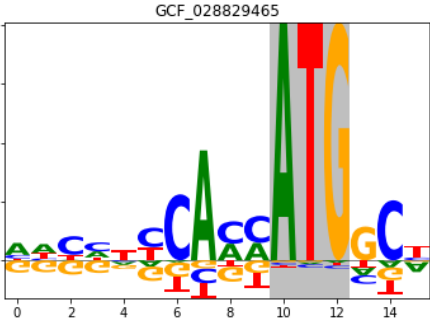
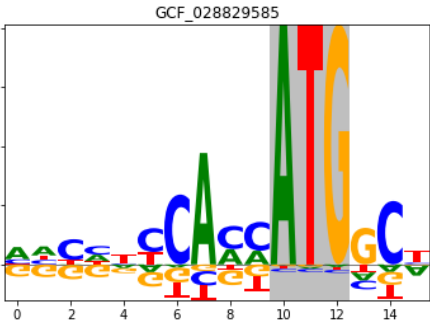
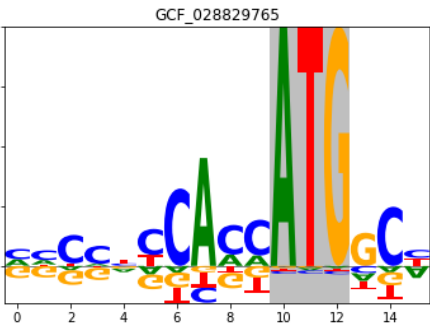
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503	Penicillium hispanicum	GCF_028827665	10111; 10111	<p>GCF_028827665</p>
504	Penicillium lagena	GCF_028827675	11858; 11858	<p>GCF_028827675</p>

505	Penicillium maclennaniae	GCF_ 028827695	10267; 10267	<p>GCF_028827695</p>
506	Penicillium macrosclerotiorum	GCF_ 028827735	11713; 11712	<p>GCF_028827735</p>
507	Penicillium malachiteum	GCF_ 028827825	11715; 11714	<p>GCF_028827825</p>
508	Penicillium longicatenatum	GCF_ 028827895	11980; 11980	<p>GCF_028827895</p>

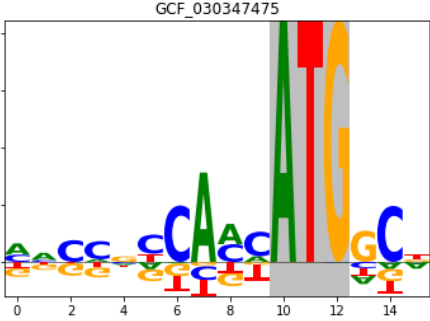
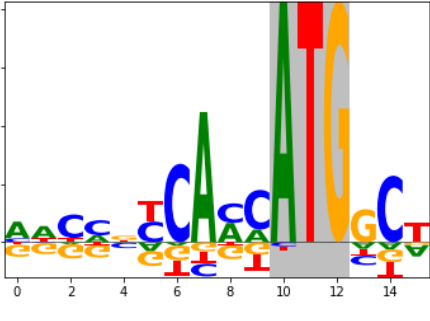
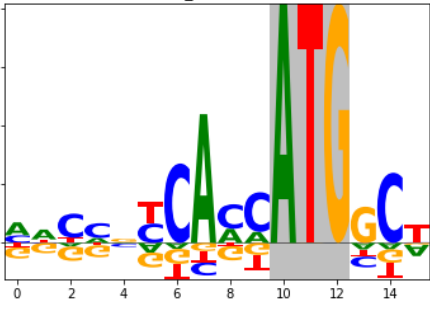
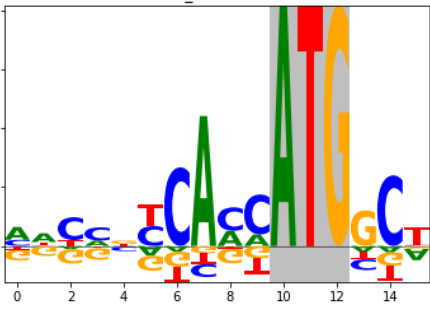
509	Penicillium manginii	GCF_028828005	13795; 13795	<p>GCF_028828005</p>
510	Penicillium pulvis	GCF_028828015	12165; 12165	<p>GCF_028828015</p>
511	Penicillium odoratum	GCF_028828045	12001; 12000	<p>GCF_028828045</p>
512	Penicillium nucicola	GCF_028828085	11519; 11518	<p>GCF_028828085</p>

513	Penicillium subrubescens	GCF_ 028828155	13458; 13458	<p>GCF_028828155</p>
514	Penicillium verhagenii	GCF_ 028828195	11673; 11673	<p>GCF_028828195</p>
515	Penicillium paradoxum	GCF_ 028828445	9859; 9859	<p>GCF_028828445</p>
516	Penicillium psychrosexuale	GCF_ 028828465	10487; 10487	<p>GCF_028828465</p>

517	Penicillium riverlandense	GCF_ 028828495	11255; 11254	 <p>GCF_028828495</p>
518	Penicillium taxi	GCF_ 028828555	10052; 10052	 <p>GCF_028828555</p>
519	Penicillium verrucosum	GCF_ 028828655	11555; 11554	 <p>GCF_028828655</p>
520	Penicillium canescens	GCF_ 028828765	14180; 14180	 <p>GCF_028828765</p>

521	Penicillium robsamsonii	GCF_ 028829455	11254; 11254	 <p>GCF_028829455</p>
522	Penicillium soppii	GCF_ 028829465	12167; 12167	 <p>GCF_028829465</p>
523	Penicillium vulpinum	GCF_ 028829585	11521; 11520	 <p>GCF_028829585</p>
524	Penicillium waksmanii	GCF_ 028829765	13502; 13502	 <p>GCF_028829765</p>

525	Penicillium samsonianum	GCF_ 028829775	14061; 14061	<p>GCF_028829775</p>
526	Penicillium mononematosum	GCF_ 028829835	11810; 11810	<p>GCF_028829835</p>
527	Malassezia vespertilionis	GCF_ 029542925	3964; 3964	<p>GCF_029542925</p>
528	Lichtheimia ornata	GCF_ 029851405	13016; 12993	<p>GCF_029851405</p>

529	Cadophora gregata	GCF_ 030347475	14721; 14721	 <p>GCF_030347475</p>
530	Fusarium venenatum	GCF_ 900007375	13931; 13931	 <p>GCF_900007375</p>
531	Fusarium mangiferae	GCF_ 900044065	15797; 15796	 <p>GCF_900044065</p>
532	Fusarium proliferatum	GCF_ 900067095	16136; 16136	 <p>GCF_900067095</p>

533	Ramularia collo-cygni	GCF_ 900074925	11491; 11453	<p>GCF_900074925</p>
534	Fusarium fujikuroi	GCF_ 900079805	14810; 14810	<p>GCF_900079805</p>
535	Ustilago hordei	GCF_ 900519145	7449; 7449	<p>GCF_900519145</p>
536	Saprochaete ingens	GCF_ 902498895	6475; 6475	<p>GCF_902498895</p>

537	Kazachstania barnettii	GCF_ 903064755	5267; 5267	<p>GCF_903064755</p>
538	Alternaria atra	GCF_ 907166805	12172; 12168	<p>GCF_907166805</p>