

Supplementary Material S1. 2,683 UniProt IDs denoting protein sequences with experimentally validated signal peptide and their corresponding organisms.

No.	Uniprot ID	Organism
1	P01137	Homo sapiens
2	P15516	Homo sapiens
3	Q9UBU3	Homo sapiens
4	Q7M3V1	Chelonus sp. nr. curvimaculatus
5	B2BRQ5	Austrelaps labialis
6	P01379	Laticauda semifasciata
7	Q53B53	Ophiophagus hannah
8	P01398	Bungarus multicinctus
9	C6JUP2	Micrurus corallinus
10	P81783	Bungarus candidus
11	P10456	Laticauda colubrina
12	F5CPD3	Micrurus altirostris
13	P22922	Bombyx mori
14	P01009	Homo sapiens
15	P05623	Drosophila melanogaster
16	P84888	Alcaligenes faecalis
17	G5EC68	Caenorhabditis elegans
18	Q96X54	Aspergillus awamori
19	P42254	Aspergillus niger
20	P42255	Aspergillus niger
21	P13689	Zea mays
22	A2CKF7	Bungarus fasciatus
23	P58370	Micrurus corallinus
24	P62376	Hydrophis cyanocinctus
25	F5CPD5	Micrurus altirostris
26	F5CPE4	Micrurus altirostris
27	P10459	Laticauda laticaudata
28	P60770	Naja atra
29	Q7T2I5	Laticauda semifasciata
30	P60302	Naja sputatrix
31	P01443	Naja atra
32	C6JUP1	Micrurus corallinus
33	C6JUP3	Micrurus corallinus
34	P02763	Homo sapiens
35	Q03044	Didelphis virginiana
36	P12725	Ovis aries
37	Q63041	Rattus norvegicus
38	P42256	Aspergillus niger
39	P07692	Torpedo marmorata

40	P12820	Bos taurus
41	P60616	Bungarus multicinctus
42	P01384	Notechis scutatus scutatus
43	Q53B58	Ophiophagus hannah
44	Q76FP5	Hypocrea rufa
45	Q8RVH5	Glycine max
46	Q2KJF1	Bos taurus
47	P13744	Cucurbita maxima
48	C1IC49	Walterinnesia aegyptia
49	Q9PW19	Bungarus multicinctus
50	P01412	Ophiophagus hannah
51	Q45Z11	Oxyuranus scutellatus scutellatus
52	C1IC47	Walterinnesia aegyptia
53	F5CPD8	Micrurus altirostris
54	Q53B52	Ophiophagus hannah
55	Q8RS40	Alcaligenes sp.
56	P05408	Homo sapiens
57	P33487	Arabidopsis thaliana
58	Q9YGI4	Naja atra
59	P19959	Aipysurus laevis
60	P10457	Laticauda colubrina
61	C1IC48	Walterinnesia aegyptia
62	P80245	Naja atra
63	Q69CK0	Ophiophagus hannah
64	P0C554	Bungarus fasciatus
65	P18329	Dendroaspis angusticeps
66	Q9PUB7	Micrurus corallinus
67	P0C552	Bungarus fasciatus
68	F5CPE2	Micrurus altirostris
69	Q53B47	Ophiophagus hannah
70	P04217	Homo sapiens
71	Q61247	Mus musculus
72	U6BLZ9	Penicillium canescens
73	Q03383	Bombyx mori
74	P08001	Sus scrofa
75	Q8QGR0	Dendroaspis angusticeps
76	P01404	Dendroaspis angusticeps
77	P0C553	Bungarus fasciatus
78	P0DKR6	Dendroaspis polylepis polylepis
79	Q9LCB9	Vibrio sp.
80	P44569	Haemophilus influenzae
81	P21589	Homo sapiens
82	P01165	Sus scrofa

83	P13917	Glycine max
84	P17475	Rattus norvegicus
85	A0P8X0	Bacillus circulans
86	U6A629	Penicillium canescens
87	Q76CA2	Monoplex parthenopeus
88	Q39649	Cucurbita maxima
89	P19594	Glycine max
90	Q53B59	Ophiophagus hannah
91	O42257	Naja sputatrix
92	P14612	Pseudechis australis
93	Q9W7J5	Pseudonaja textilis
94	Q9YGJ0	Bungarus multicinctus
95	P18328	Dendroaspis angusticeps
96	F5CPE3	Micrurus altirostris
97	P28800	Bos taurus
98	P08697	Homo sapiens
99	P01023	Homo sapiens
100	P04058	Tetronarce californica
101	P61312	Rattus norvegicus
102	P82662	Ophiophagus hannah
103	P23035	Oryctolagus cuniculus
104	P22325	Cavia porcellus
105	P38029	Equus caballus
106	P02750	Homo sapiens
107	P0C2T2	Mycobacterium bovis
108	E3W9M2	Dianthus caryophyllus
109	P01011	Homo sapiens
110	Q9LAP7	Alteromonas agarilytica
111	P15450	Apis mellifera
112	Q60994	Mus musculus
113	Q8I7X1	Porcellio scaber
114	P10968	Triticum aestivum
115	P02876	Triticum aestivum
116	P56526	Aspergillus niger
117	P01364	Aplysia californica
118	Q8LG54	Arabidopsis thaliana
119	P16454	Yersinia enterocolitica
120	P58154	Lymnaea stagnalis
121	P15228	Mesobuthus martensii
122	Q9FXT4	Oryza sativa subsp. japonica
123	P11218	Urtica dioica
124	Q9LVC0	Arabidopsis thaliana
125	Q9C5S0	Arabidopsis thaliana

126	P19872	<i>Locusta migratoria</i>
127	Q15848	<i>Homo sapiens</i>
128	P43652	<i>Homo sapiens</i>
129	Q9M0S4	<i>Arabidopsis thaliana</i>
130	Q6Z232	<i>Oryza sativa</i> subsp. <i>japonica</i>
131	P62931	<i>Pisum sativum</i>
132	P02769	<i>Bos taurus</i>
133	Q51372	<i>Pseudomonas aeruginosa</i>
134	Q3C258	<i>Actinia equina</i>
135	Q3Y5Z3	<i>Bos taurus</i>
136	P53366	<i>Sus scrofa</i>
137	P39180	<i>Escherichia coli</i>
138	Q653V7	<i>Oryza sativa</i> subsp. <i>japonica</i>
139	P19926	<i>Escherichia coli</i>
140	P02770	<i>Rattus norvegicus</i>
141	P18895	<i>Pseudomonas aeruginosa</i>
142	Q9L7P2	<i>Pseudomonas syringae</i> pv. <i>syringae</i>
143	Q84V39	<i>Olea europaea</i>
144	Q99217	<i>Homo sapiens</i>
145	P49252	<i>Lens culinaris</i>
146	P80392	<i>Meleagris gallopavo</i>
147	P24735	<i>Pseudomonas aeruginosa</i>
148	Q9M6E9	<i>Abrus precatorius</i>
149	Q9LYF6	<i>Arabidopsis thaliana</i>
150	Q8TD06	<i>Homo sapiens</i>
151	P67788	<i>Manduca sexta</i>
152	Q00855	<i>Dermatophagoides farinae</i>
153	P80384	<i>Lepidoglyphus destructor</i>
154	P39049	<i>Photobacterium</i> sp.
155	P22364	<i>Paracoccus denitrificans</i>
156	P00811	<i>Escherichia coli</i>
157	P25718	<i>Escherichia coli</i>
158	Q01117	<i>Lipomyces kononenkoae</i>
159	P19584	<i>Thermoanaerobacterium thermosulfurigenes</i>
160	P16860	<i>Homo sapiens</i>
161	P80961	<i>Myoxocephalus octodecemspinosus</i>
162	P28351	<i>Aspergillus niger</i>
163	P29064	<i>Candida tsukubaensis</i>
164	Q9C0Y4	<i>Schizosaccharomyces pombe</i>
165	Q9STQ3	<i>Arabidopsis thaliana</i>
166	Q9SJY7	<i>Arabidopsis thaliana</i>
167	O95994	<i>Homo sapiens</i>

168	Q90WJ8	Anguilla japonica
169	Q06749	Pseudomonas aeruginosa
170	P0AD70	Escherichia coli
171	P01019	Homo sapiens
172	P15358	Haementeria officinalis
173	Q9LJD9	Arabidopsis thaliana
174	O82337	Arabidopsis thaliana
175	Q9ZT16	Arabidopsis thaliana
176	P08379	Locusta migratoria
177	P02760	Homo sapiens
178	O05465	Psychrobacter immobilis
179	P19571	Bacillus sp.
180	P29957	Pseudoalteromonas haloplanktis
181	P13204	Bos taurus
182	P10152	Bos taurus
183	Q9Y5C1	Homo sapiens
184	P01015	Rattus norvegicus
185	A9UGV6	Oryza sativa subsp. japonica
186	P02648	Canis lupus familiaris
187	P19034	Bos taurus
188	P02656	Homo sapiens
189	P07712	Aplysia californica
190	P22327	Trichoplusia ni
191	P55319	Locusta migratoria
192	P35807	Schistocerca nitens
193	P62928	Pisum sativum
194	P19121	Gallus gallus
195	Q84ZX5	Artemisia vulgaris
196	P49278	Dermatophagoides pteronyssinus
197	P35859	Rattus norvegicus
198	P22952	Sus scrofa
199	Q5I2B2	Amaranthus retroflexus
200	P24259	Sus scrofa
201	Q7Z1K3	Anisakis simplex
202	Q9V496	Drosophila melanogaster
203	P02652	Homo sapiens
204	P06727	Homo sapiens
205	P02655	Homo sapiens
206	P95470	Cellvibrio japonicus
207	P18829	Schistocerca gregaria
208	P61855	Drosophila melanogaster
209	Q965E2	Psoroptes ovis
210	P35858	Homo sapiens

211	P04172	Methylobacterium extorquens
212	P02817	Bos taurus
213	P49250	Enterobacter aerogenes
214	P19531	Geobacillus stearothermophilus
215	P00692	Bacillus amyloliquefaciens
216	P06278	Bacillus licheniformis
217	P06279	Geobacillus stearothermophilus
218	Q05884	Streptomyces lividans
219	P07634	Sus scrofa
220	P03950	Homo sapiens
221	P04002	Pseudopleuronectes americanus
222	P9WIR7	Mycobacterium tuberculosis
223	Q9U943	Locusta migratoria
224	P02647	Homo sapiens
225	P18659	Macaca fascicularis
226	P19329	Phaseolus vulgaris
227	Q59639	Pseudomonas alginovora
228	P46883	Escherichia coli
229	P80391	Meleagris gallopavo
230	P25403	Mirabilis jalapa
231	P27275	Amaranthus caudatus
232	Q6UX39	Homo sapiens
233	P0C1B3	Aspergillus oryzae
234	Q99013	Pseudopleuronectes americanus
235	Q03352	Gallus gallus
236	P19400	Ascaris suum
237	P19035	Bos taurus
238	P05090	Homo sapiens
239	P17690	Bos taurus
240	P02749	Homo sapiens
241	P02659	Gallus gallus
242	Q59478	Klebsiella pneumoniae
243	Q28989	Sus scrofa
244	P22365	Paracoccus versutus
245	P80915	Macadamia integrifolia
246	P83880	Pinus monticola
247	P25404	Mirabilis jalapa
248	O43827	Homo sapiens
249	P41361	Bos taurus
250	P01008	Homo sapiens
251	A9UGV7	Oryza sativa subsp. japonica
252	Q59544	Morganella morganii
253	P14630	Rattus norvegicus

254	Q03472	<i>Sus scrofa</i>
255	Q5XM24	<i>Dictyostelium discoideum</i>
256	P16950	<i>Thermoanaerobacter thermohydrosulfuricus</i>
257	P13205	<i>Rattus norvegicus</i>
258	P01161	<i>Rattus norvegicus</i>
259	P07457	<i>Zoarces americanus</i>
260	B1P0S1	<i>Pseudopleuronectes americanus</i>
261	A9UGV5	<i>Oryza sativa</i> subsp. <i>japonica</i>
262	P0AE22	<i>Escherichia coli</i>
263	Q540U1	<i>Salmonella typhimurium</i>
264	Q17043	<i>Aplysia kurodai</i>
265	P04639	<i>Rattus norvegicus</i>
266	P18658	<i>Macaca fascicularis</i>
267	P02649	<i>Homo sapiens</i>
268	E0D877	<i>Aedes albopictus</i>
269	P09551	<i>Escherichia coli</i>
270	P19801	<i>Homo sapiens</i>
271	P18657	<i>Macaca fascicularis</i>
272	P56595	<i>Canis lupus familiaris</i>
273	P02654	<i>Homo sapiens</i>
274	O14791	<i>Homo sapiens</i>
275	P80561	<i>Streptomyces griseus</i> subsp. <i>griseus</i>
276	P45091	<i>Haemophilus influenzae</i>
277	P09465	<i>Cricetus cricetus</i>
278	P10762	<i>Locusta migratoria</i>
279	P15497	<i>Bos taurus</i>
280	O96559	<i>Cimex lectularius</i>
281	P02924	<i>Escherichia coli</i>
282	P36560	<i>Escherichia coli</i>
283	I0J1I6	<i>Pseudomonas taetrolens</i>
284	Q00901	<i>Clostridium botulinum</i> C phage
285	P15879	<i>Clostridium botulinum</i> D phage
286	Q5GQ85	<i>Argas reflexus</i>
287	Q8MMH3	<i>Pimpla hypochondriaca</i>
288	P83886	<i>Allium sativum</i>
289	Q64HC7	<i>Armadillidium vulgare</i>
290	P24792	<i>Cucurbita maxima</i>
291	P00805	<i>Escherichia coli</i>
292	P0CX77	<i>Saccharomyces cerevisiae</i>
293	P30859	<i>Escherichia coli</i>
294	P30860	<i>Escherichia coli</i>
295	P17953	<i>Enterococcus faecalis</i>

296	P14133	<i>Cucumis sativus</i>
297	P43843	<i>Haemophilus influenzae</i>
298	Q47898	<i>Elizabethkingia miricola</i>
299	P20933	<i>Homo sapiens</i>
300	P30919	<i>Rattus norvegicus</i>
301	P15289	<i>Homo sapiens</i>
302	P20713	<i>Enterobacter aerogenes</i>
303	O96910	<i>Aplysia californica</i>
304	P01551	<i>Streptomyces globisporus</i>
305	P04377	<i>Alcaligenes faecalis</i>
306	P00280	<i>Achromobacter denitrificans</i>
307	P0A321	<i>Bordetella bronchiseptica</i>
308	P01887	<i>Mus musculus</i>
309	P80401	<i>Paracoccus pantotrophus</i>
310	P12334	<i>Methylomonas</i> sp.
311	P07151	<i>Rattus norvegicus</i>
312	P02701	<i>Gallus gallus</i>
313	Q52VH2	<i>Sphingosinicella xenopeptidolytica</i>
314	P48982	<i>Xanthomonas manihoti</i>
315	Q15582	<i>Homo sapiens</i>
316	D4A540	<i>Rattus norvegicus</i>
317	P80356	<i>Avena sativa</i>
318	P19567	<i>Achromobacter cycloclastes</i>
319	P04171	<i>Methylobacterium extorquens</i>
320	Q9F646	<i>Pseudomonas putida</i>
321	Q44856	<i>Brevibacillus choshinensis</i>
322	Q2A783	<i>Triticum aestivum</i>
323	Q10NX8	<i>Oryza sativa</i> subsp. <i>japonica</i>
324	O11780	<i>Sus scrofa</i>
325	Q9SR37	<i>Arabidopsis thaliana</i>
326	Q5AMT2	<i>Candida albicans</i>
327	P28585	<i>Escherichia coli</i>
328	P13661	<i>Escherichia coli</i>
329	A3RF67	<i>Dalbergia nigrescens</i>
330	Q9LRC8	<i>Scutellaria baicalensis</i>
331	P27951	<i>Streptococcus agalactiae</i>
332	P22390	<i>Citrobacter koseri</i>
333	P52663	<i>Enterobacter cloacae</i>
334	Q5W280	<i>Bombina orientalis</i>
335	P27919	<i>Avena sativa</i>
336	P26776	<i>Sus scrofa</i>
337	P00282	<i>Pseudomonas aeruginosa</i>
338	P81549	<i>Bordetella pertussis</i>

339	P04190	Bacillus cereus
340	P62593	Escherichia coli
341	P01888	Bos taurus
342	P21611	Gallus gallus
343	P61769	Homo sapiens
344	P15703	Saccharomyces cerevisiae
345	Q44642	Brucella abortus
346	P17213	Homo sapiens
347	P26729	Bombyx mori
348	P26730	Bombyx mori
349	P15926	Streptococcus pyogenes
350	P10425	Bacillus sp.
351	P0A9Z7	Escherichia coli
352	Q86WA6	Homo sapiens
353	P37028	Escherichia coli
354	P02746	Homo sapiens
355	P02747	Homo sapiens
356	Q23997	Drosophila melanogaster
357	P24037	Pseudomonas stutzeri
358	P08236	Homo sapiens
359	O08498	Elizabethkingia meningoseptica
360	P39824	Bacillus subtilis
361	P52682	Serratia marcescens
362	P0A1V8	Salmonella typhimurium
363	P21175	Pseudomonas aeruginosa
364	P26732	Bombyx mori
365	P00736	Homo sapiens
366	P41547	Canis lupus familiaris
367	P18418	Rattus norvegicus
368	P52699	Serratia marcescens
369	P31722	Rattus norvegicus
370	D5QVH0	Methylosinus trichosporium
371	P52193	Bos taurus
372	Q16568	Homo sapiens
373	P10424	Bacillus cereus
374	P23954	Klebsiella oxytoca
375	Q8N4F0	Homo sapiens
376	Q45340	Bordetella pertussis
377	Q9LXD6	Arabidopsis thaliana
378	P04369	Methylococcus capsulatus
379	P00150	Rhodopseudomonas palustris
380	P20507	Chlamydomonas reinhardtii
381	P27797	Homo sapiens

382	P02668	Bos taurus
383	P07221	Oryctolagus cuniculus
384	P25796	Cavia porcellus
385	P31720	Rattus norvegicus
386	Q9BXI9	Homo sapiens
387	P0ABE7	Escherichia coli
388	P22748	Homo sapiens
389	P15253	Oryctolagus cuniculus
390	P82187	Equus caballus
391	P06797	Mus musculus
392	P56202	Homo sapiens
393	Q9ZT64	Pinus contorta
394	P09954	Sus scrofa
395	Q09117	Populus deltoides
396	Q64277	Mus musculus
397	P40881	Methanosarcina thermophila
398	O43852	Homo sapiens
399	P10562	Canavalia gladiata
400	P31231	Pelophylax esculentus
401	P51868	Rattus norvegicus
402	P08185	Homo sapiens
403	Q4V4I9	Drosophila melanogaster
404	O15467	Homo sapiens
405	Q9Y4X3	Homo sapiens
406	P80098	Homo sapiens
407	P02745	Homo sapiens
408	Q9BXJ3	Homo sapiens
409	P04003	Homo sapiens
410	P18761	Mus musculus
411	P20160	Homo sapiens
412	P07267	Saccharomyces cerevisiae
413	O42720	Ajellomyces capsulatus
414	Q6QD51	Rattus norvegicus
415	Q16627	Homo sapiens
416	P13501	Homo sapiens
417	P14532	Pseudomonas aeruginosa
418	P59807	Proteus vulgaris
419	P24258	Chlamydomonas reinhardtii
420	Q9SLY8	Oryza sativa subsp. japonica
421	P28491	Sus scrofa
422	Q26636	Sarcophaga peregrina
423	P31211	Rattus norvegicus
424	Q6UW01	Homo sapiens

425	Q99616	Homo sapiens
426	O00175	Homo sapiens
427	P10147	Homo sapiens
428	P18181	Mus musculus
429	P13987	Homo sapiens
430	P15156	Mesocricetus auratus
431	O09165	Mus musculus
432	P19204	Gallus gallus
433	P14091	Homo sapiens
434	Q8J0D2	Geotrichum sp.
435	Q9NTU7	Homo sapiens
436	P00733	Streptomyces albus G
437	Q8SXL2	Drosophila melanogaster
438	P55774	Homo sapiens
439	O89093	Mus musculus
440	O00585	Homo sapiens
441	P55929	Nitrosomonas europaea
442	P31358	Homo sapiens
443	O77541	Oryctolagus cuniculus
444	P30921	Bacillus sp.
445	P09121	Bacillus sp.
446	P31797	Geobacillus stearothermophilus
447	P26827	Thermoanaerobacterium thermosulfurigenes
448	P40199	Homo sapiens
449	Q61400	Mus musculus
450	Q9Y0Y0	Aedes albopictus
451	P83403	Glossina morsitans morsitans
452	P80067	Rattus norvegicus
453	Q800A0	Lithobates catesbeiana
454	Q9I589	Pseudomonas aeruginosa
455	P14384	Homo sapiens
456	Q39962	Hevea brasiliensis
457	O00626	Homo sapiens
458	P13500	Homo sapiens
459	P10855	Mus musculus
460	O62680	Sus scrofa
461	P31835	Paenibacillus macerans
462	P12637	Canis lupus familiaris
463	P31235	Oryctolagus cuniculus
464	P53634	Homo sapiens
465	Q805F3	Xenopus laevis
466	P07154	Rattus norvegicus

467	A6P6V9	Cannabis sativa
468	P00730	Bos taurus
469	P15085	Homo sapiens
470	P15169	Homo sapiens
471	Q92583	Homo sapiens
472	P22362	Homo sapiens
473	P78556	Homo sapiens
474	P50229	Rattus norvegicus
475	Q47910	Myroides odoratus
476	P43379	Bacillus circulans
477	P31746	Bacillus sp.
478	Q14002	Homo sapiens
479	P82290	Anopheles gambiae
480	Q9XZH0	Spodoptera litura
481	O95813	Homo sapiens
482	Q06153	Ophiostoma ulmi
483	P43478	Pseudoalteromonas carrageenovora
484	P08818	Hordeum vulgare
485	Q16663	Homo sapiens
486	P55773	Homo sapiens
487	O13547	Saccharomyces cerevisiae
488	P81417	Aedes albopictus
489	Q28085	Bos taurus
490	P08603	Homo sapiens
491	P36222	Homo sapiens
492	Q25589	Orconectes limosus
493	P29026	Rhizopus oligosporus
494	P24091	Nicotiana tabacum
495	Q91XA9	Mus musculus
496	P80325	Cavia porcellus
497	P97884	Rattus norvegicus
498	Q9Y258	Homo sapiens
499	P27274	Rattus norvegicus
500	P17692	Bacillus sp.
501	P10477	Clostridium thermocellum
502	Q8VCT4	Mus musculus
503	A2TJI4	Escherichia coli
504	Q05JY7	Pseudoalteromonas sp.
505	P30922	Bos taurus
506	Q8SPQ0	Capra hircus
507	P0CB51	Coccidioides posadasii
508	P07254	Serratia marcescens
509	Q05538	Solanum lycopersicum

510	O07921	Bacillus subtilis
511	P11220	Streptomyces plicatus
512	P01555	Vibrio cholerae serotype O1
513	Q12127	Saccharomyces cerevisiae
514	Q8N6Q3	Homo sapiens
515	P24807	Mus musculus
516	O43866	Homo sapiens
517	Q9Y0X9	Aedes albopictus
518	P0DN86	Homo sapiens
519	P21226	Pisum sativum
520	P32823	Pseudoalteromonas piscicida
521	Q9FRV1	Secale cereale
522	Q9FRV0	Secale cereale
523	P14529	Saccharopolyspora erythraea
524	P42517	Enterobacter agglomerans
525	Q93LJ4	Salmonella typhimurium
526	Q9HU05	Pseudomonas aeruginosa
527	P00773	Rattus norvegicus
528	P00450	Homo sapiens
529	P16303	Rattus norvegicus
530	Q27081	Tachypleus tridentatus
531	P17315	Escherichia coli
532	Q9Y240	Homo sapiens
533	P82592	Aedes aegypti
534	P0C2S1	Clostridium thermocellum
535	P30122	Bos taurus
536	P19835	Homo sapiens
537	Q8WUJ3	Homo sapiens
538	Q556R7	Dictyostelium discoideum
539	P00751	Homo sapiens
540	Q29411	Sus scrofa
541	P14944	Carcinus maenas
542	Q95M17	Bos taurus
543	O35744	Mus musculus
544	Q9KK91	Vibrio furnissii
545	Q9SLP4	Tulipa bakeri
546	Q9F437	Ideonella dechloratans
547	P29027	Rhizopus oligosporus
548	P29060	Nicotiana tabacum
549	P27050	Bacillus circulans
550	P96156	Vibrio furnissii
551	P06215	Phaseolus vulgaris
552	Q9U3Z3	Conus betulinus

553	Q7YZS9	Conus virgo
554	A6QIG7	Staphylococcus aureus
555	P33665	Streptomyces sp.
556	P00794	Bos taurus
557	O75596	Homo sapiens
558	P05371	Rattus norvegicus
559	P10354	Rattus norvegicus
560	Q02246	Homo sapiens
561	P06681	Homo sapiens
562	P12024	Drosophila melanogaster
563	Q25154	Homarus americanus
564	Q13231	Homo sapiens
565	Q06851	Clostridium thermocellum
566	P16619	Homo sapiens
567	P02681	Tachypleus tridentatus
568	P29029	Saccharomyces cerevisiae
569	P06276	Homo sapiens
570	P23472	Hevea brasiliensis
571	P01556	Vibrio cholerae serotype O1
572	Q9N2D2	Callithrix jacchus
573	P47001	Saccharomyces cerevisiae
574	P05059	Bos taurus
575	P22063	Rattus norvegicus
576	P02466	Rattus norvegicus
577	P12387	Cavia porcellus
578	P01027	Mus musculus
579	P02703	Sus scrofa
580	Q6UWK7	Homo sapiens
581	P03998	Limulus polyphemus
582	Q6PSU2	Arachis hypogaea
583	Q58AD3	Cupriavidus metallidurans
584	Q5DW47	Apis mellifera
585	P17697	Bos taurus
586	P12375	Pseudomonas syringae pv. tomato
587	P12376	Pseudomonas syringae pv. tomato
588	Q9GSA4	Galleria mellonella
589	P10909	Homo sapiens
590	P10645	Homo sapiens
591	P01024	Homo sapiens
592	P02462	Homo sapiens
593	Q07092	Homo sapiens
594	Q6UWE3	Homo sapiens
595	Q00945	Lymnaea stagnalis

596	Q26377	<i>Drosophila melanogaster</i>
597	Q8T0Y7	<i>Aplysia californica</i>
598	Q6UXH1	<i>Homo sapiens</i>
599	P13671	<i>Homo sapiens</i>
600	P08125	<i>Gallus gallus</i>
601	P01189	<i>Homo sapiens</i>
602	P42889	<i>Myocastor coypus</i>
603	P02866	<i>Canavalia ensiformis</i>
604	P23805	<i>Bos taurus</i>
605	Q8GFE2	<i>Desulfitobacterium hafniense</i>
606	Q6WN34	<i>Homo sapiens</i>
607	P02741	<i>Homo sapiens</i>
608	Q07203	<i>Xenopus laevis</i>
609	P21837	<i>Dictyostelium discoideum</i>
610	P54507	<i>Bacillus subtilis</i>
611	Q96318	<i>Arabidopsis thaliana</i>
612	F8S0Y4	<i>Crotalus adamanteus</i>
613	P52753	<i>Cryphonectria parasitica</i>
614	P0A1E7	<i>Salmonella enteritidis</i>
615	P27373	<i>Methanothermus fervidus</i>
616	Q50833	<i>Methanococcus voltae</i>
617	P0DML2	<i>Homo sapiens</i>
618	P13611	<i>Homo sapiens</i>
619	P08331	<i>Escherichia coli</i>
620	P84805	<i>Naja kaouthia</i>
621	Q7ZT98	<i>Ophiophagus hannah</i>
622	Q875I9	<i>Neosartorya fumigata</i>
623	P47796	<i>Gadus morhua</i>
624	A7L035	<i>Chironex fleckeri</i>
625	Q6UX52	<i>Homo sapiens</i>
626	O75629	<i>Homo sapiens</i>
627	Q60477	<i>Cavia porcellus</i>
628	P06205	<i>Limulus polyphemus</i>
629	Q8JI39	<i>Protobothrops flavoviridis</i>
630	Q8JGT9	<i>Rhabdophis tigrinus tigrinus</i>
631	P85197	<i>Lonomia obliqua</i>
632	P45590	<i>Hyalophora cecropia</i>
633	O95715	<i>Homo sapiens</i>
634	P09787	<i>Pseudomonas putida</i>
635	P74917	<i>Acidithiobacillus ferrooxidans</i>
636	P15452	<i>Hydrogenobacter thermophilus</i>
637	P00120	<i>Desulfovibrio vulgaris</i>
638	W1I921	<i>Achatina achatina</i>

639	P54107	Homo sapiens
640	O75462	Homo sapiens
641	P02742	Oryctolagus cuniculus
642	Q9ZWA9	Arabidopsis thaliana
643	Q7ZZN8	Naja atra
644	Q58232	Methanocaldococcus jannaschii
645	P0ABW7	Escherichia coli
646	Q08738	Bombyx mori
647	P77214	Escherichia coli
648	Q8T0W5	Pimpla hypochondriaca
649	Q8T0W0	Pimpla hypochondriaca
650	Q10746	Rattus norvegicus
651	P50228	Mus musculus
652	P00131	Desulfovibrio vulgaris
653	O33731	Shewanella frigidimarina
654	P00106	Pseudomonas aeruginosa
655	Q91055	Heloderma horridum horridum
656	Q9H4G1	Homo sapiens
657	P81761	Mesobuthus tamulus
658	Q8T635	Manduca sexta
659	P19667	Molineria latifolia
660	P43497	Saccharomyces cerevisiae
661	P02775	Homo sapiens
662	P24059	Bradyrhizobium diazoefficiens
663	P04032	Desulfovibrio vulgaris
664	P00091	Rhodopseudomonas palustris
665	P06206	Limulus polyphemus
666	Q7T1K6	Naja atra
667	P08796	Dictyostelium discoideum
668	P28307	Escherichia coli
669	Q86IV5	Dictyostelium discoideum
670	P83400	Mesobuthus tamulus
671	P80686	Tenebrio molitor
672	Q8T0W2	Pimpla hypochondriaca
673	P69770	Conus marmoreus
674	P19876	Homo sapiens
675	P80162	Homo sapiens
676	P02778	Homo sapiens
677	P00101	Pseudomonas stutzeri
678	O25825	Helicobacter pylori
679	Q06529	Allochromatium vinosum
680	P01037	Homo sapiens
681	P01036	Homo sapiens

682	Q6T6T4	<i>Bitis gabonica</i>
683	P47178	<i>Saccharomyces cerevisiae</i>
684	P30348	<i>Rattus norvegicus</i>
685	P42830	<i>Homo sapiens</i>
686	Q07325	<i>Homo sapiens</i>
687	O55038	<i>Mus musculus</i>
688	P00099	<i>Pseudomonas aeruginosa</i>
689	P94691	<i>Desulfovibrio africanus</i>
690	P46445	<i>Synechocystis</i> sp.
691	P00154	<i>Allochromatium vinosum</i>
692	P52013	<i>Caenorhabditis elegans</i>
693	P19313	<i>Rattus norvegicus</i>
694	P35481	<i>Cyprinus carpio</i>
695	P81534	<i>Homo sapiens</i>
696	P0AEB2	<i>Escherichia coli</i>
697	B8AL97	<i>Oryza sativa</i> subsp. <i>indica</i>
698	Q6F495	<i>Molineria latifolia</i>
699	P10889	<i>Mus musculus</i>
700	P80221	<i>Bos taurus</i>
701	O14625	<i>Homo sapiens</i>
702	P00096	<i>Paracoccus denitrificans</i>
703	P40136	<i>Bacillus anthracis</i>
704	P00094	<i>Rhodobacter capsulatus</i>
705	Q6TPK4	<i>Actinidia deliciosa</i>
706	P08750	<i>Bacillus subtilis</i>
707	P24228	<i>Escherichia coli</i>
708	P39844	<i>Bacillus subtilis</i>
709	P84908	<i>Streptomyces mobaraensis</i>
710	A7L036	<i>Chironex fleckeri</i>
711	Q9UAD0	<i>Mesobuthus martensii</i>
712	Q02113	<i>Bacillus subtilis</i>
713	P28319	<i>Saccharomyces cerevisiae</i>
714	P00083	<i>Blastochloris viridis</i>
715	P07497	<i>Synechococcus</i> sp.
716	Q9RQB9	<i>Methylophilus methylotrophus</i>
717	P00144	<i>Rhodospirillum rubrum</i>
718	P01034	<i>Homo sapiens</i>
719	Q98967	<i>Oncorhynchus keta</i>
720	Q6F3I7	<i>Pseudoxanthomonas mexicana</i>
721	V5YM14	<i>Pseudoxanthomonas mexicana</i>
722	P07625	<i>Roseobacter denitrificans</i>
723	Q5SME3	<i>Thermus thermophilus</i>
724	Q3J164	<i>Rhodobacter sphaeroides</i>

725	P00082	<i>Rhodomicrobium vannielii</i>
726	P00132	<i>Desulfovibrio vulgaris</i>
727	P81894	<i>Geobacter metallireducens</i>
728	P28325	<i>Homo sapiens</i>
729	P09228	<i>Homo sapiens</i>
730	P39045	<i>Actinomadura</i> sp.
731	P39042	<i>Streptomyces</i> sp.
732	P81605	<i>Homo sapiens</i>
733	Q8GPG1	<i>Rhodovulum sulfidophilum</i>
734	Q727P6	<i>Desulfovibrio vulgaris</i>
735	P43302	<i>Azotobacter vinelandii</i>
736	P00149	<i>Rhodopseudomonas palustris</i>
737	P00148	<i>Rhodobacter sphaeroides</i>
738	P01038	<i>Gallus gallus</i>
739	P08506	<i>Escherichia coli</i>
740	O07834	<i>Pseudoxanthomonas mexicana</i>
741	Q9H1M4	<i>Homo sapiens</i>
742	Q6GU94	<i>Centruroides limpidus limpidus</i>
743	Q8GTM0	<i>Nicotiana glauca</i>
744	P16700	<i>Escherichia coli</i>
745	P08174	<i>Homo sapiens</i>
746	Q99PX1	<i>Vibrio alginolyticus</i>
747	P85213	<i>Galleria mellonella</i>
748	Q8H6Q0	<i>Petunia hybrida</i>
749	B3F051	<i>Lens culinaris</i> subsp. <i>culinaris</i>
750	Q43413	<i>Capsicum annuum</i>
751	P30230	<i>Raphanus sativus</i>
752	P0C0V0	<i>Escherichia coli</i>
753	P39653	<i>Streptococcus downei</i>
754	P46168	<i>Bos taurus</i>
755	P46169	<i>Bos taurus</i>
756	P44883	<i>Haemophilus influenzae</i>
757	Q9NRR1	<i>Homo sapiens</i>
758	P35150	<i>Bacillus subtilis</i>
759	B3EWP3	<i>Arachis hypogaea</i>
760	P69241	<i>Raphanus sativus</i>
761	P46165	<i>Bos taurus</i>
762	P0AEE5	<i>Escherichia coli</i>
763	P18278	<i>Acetobacter aceti</i>
764	P15279	<i>Methylobacterium organophilum</i>
765	P12293	<i>Paracoccus denitrificans</i>
766	P22641	<i>Paracoccus versutus</i>
767	P37735	<i>Rhodobacter capsulatus</i>

768	Q8H6Q1	<i>Petunia hybrida</i>
769	P46162	<i>Bos taurus</i>
770	P46163	<i>Bos taurus</i>
771	B5LZ79	<i>Gymnadenia conopsea</i>
772	Q9UBT3	<i>Homo sapiens</i>
773	P30224	<i>Arabidopsis thaliana</i>
774	C0HJZ1	<i>Arachis hypogaea</i>
775	P19427	<i>Bos taurus</i>
776	P16027	<i>Methylobacterium extorquens</i>
777	P38540	<i>Methylophilus methylotrophus</i>
778	O18998	<i>Oryctolagus cuniculus</i>
779	P59665	<i>Homo sapiens</i>
780	B3EWP4	<i>Arachis hypogaea</i>
781	P26780	<i>Sinapis alba</i>
782	Q8T0W8	<i>Gastrophysa atrocyanea</i>
783	Q9SUQ8	<i>Arabidopsis thaliana</i>
784	Q75WF2	<i>Acanthaster planci</i>
785	P00639	<i>Bos taurus</i>
786	P24855	<i>Homo sapiens</i>
787	P39099	<i>Escherichia coli</i>
788	O94907	<i>Homo sapiens</i>
789	P16444	<i>Homo sapiens</i>
790	P31429	<i>Oryctolagus cuniculus</i>
791	Q9UBP4	<i>Homo sapiens</i>
792	P24093	<i>Escherichia coli</i>
793	P77202	<i>Escherichia coli</i>
794	Q01460	<i>Rattus norvegicus</i>
795	P18684	<i>Protophormia terraenovae</i>
796	P81999	<i>Canis lupus familiaris</i>
797	O42446	<i>Oreochromis mossambicus</i>
798	B2RIT0	<i>Porphyromonas gingivalis</i>
799	P00588	<i>Corynebacterium beta</i>
800	Q6E0U4	<i>Homo sapiens</i>
801	P22412	<i>Sus scrofa</i>
802	B2RKV3	<i>Porphyromonas gingivalis</i>
803	P0AEG6	<i>Escherichia coli</i>
804	P23903	<i>Bacillus circulans</i>
805	P11936	<i>Sus scrofa</i>
806	Q02126	<i>Hordeum vulgare</i>
807	P94522	<i>Bacillus subtilis</i>
808	P04067	<i>Streptomyces plicatus</i>
809	P12724	<i>Homo sapiens</i>
810	B0XRV0	<i>Neosartorya fumigata</i>

811	P23847	Escherichia coli
812	P0AEG4	Escherichia coli
813	Q62598	Rattus norvegicus
814	F7J1C8	Flammulina velutipes
815	P36911	Elizabethkingia meningoseptica
816	P11919	Manduca sexta
817	Q61508	Mus musculus
818	P24121	Staphylococcus aureus
819	P05305	Homo sapiens
820	G9M8X1	Nephotettix cincticeps
821	Q6RUF5	Clostridium perfringens
822	P0C8Z8	Escherichia coli O18:K1:H7
823	F8WQK8	Porphyromonas endodontalis
824	P82593	Streptomyces chartreusis
825	P20827	Homo sapiens
826	Q9GU69	Lymnaea stagnalis
827	P25331	Bombyx mori
828	Q62894	Rattus norvegicus
829	Q9ZT66	Zea mays
830	P0CK94	Escherichia coli
831	P32890	Escherichia coli
832	Q9M069	Arabidopsis thaliana
833	P15737	Hordeum vulgare
834	P22388	Rattus norvegicus
835	P52798	Homo sapiens
836	P19957	Homo sapiens
837	F1N5C8	Bos taurus
838	P01553	Staphylococcus aureus
839	P80036	Flavobacterium sp.
840	P23827	Escherichia coli
841	Q29143	Trichosurus vulpecula
842	Q99372	Rattus norvegicus
843	Q39688	Daucus carota
844	Q99944	Homo sapiens
845	P15570	Phytophthora cryptogea
846	Q96HE7	Homo sapiens
847	P35578	Zootoca vivipara
848	Q9EZE7	Escherichia coli O127:H6
849	P23141	Homo sapiens
850	Q8I034	Felis catus
851	Q63010	Rattus norvegicus
852	P22266	Streptomyces scabiei
853	P35501	Myzus persicae

854	Q07792	Vibrio mimicus
855	P0A0L2	Staphylococcus aureus
856	P01552	Staphylococcus aureus
857	P12993	Staphylococcus aureus
858	P04552	Haliotis rufescens
859	O97939	Sus scrofa
860	Q5JNJ5	Oryza sativa subsp. japonica
861	Q64610	Rattus norvegicus
862	Q8I817	Aplysia californica
863	P28770	Oncorhynchus mykiss
864	P81623	Bos taurus
865	P30040	Homo sapiens
866	Q04457	Caenorhabditis elegans
867	P12337	Oryctolagus cuniculus
868	P0C8E8	Rhipicephalus sanguineus
869	P14756	Pseudomonas aeruginosa
870	P21128	Homo sapiens
871	P01588	Homo sapiens
872	Q8BK48	Mus musculus
873	Q79F14	Bacillus subtilis
874	P50448	Bos taurus
875	P14625	Homo sapiens
876	P12992	Heliothis virescens
877	P58738	Zea mays
878	Q07154	Zea mays
879	Q20224	Caenorhabditis elegans
880	P39176	Escherichia coli
881	Q7BSW5	Escherichia coli O157:H7
882	P81429	Schizaphis graminum
883	P21760	Gallus gallus
884	P98140	Bos taurus
885	O00748	Homo sapiens
886	P00748	Homo sapiens
887	P17259	Neisseria gonorrhoeae
888	P10959	Rattus norvegicus
889	O30434	Enterococcus faecium
890	P23142	Homo sapiens
891	O75636	Homo sapiens
892	P13036	Escherichia coli
893	P0C8E7	Rhipicephalus sanguineus
894	Q1ZYQ8	Zea mays
895	O48818	Arabidopsis thaliana
896	P05160	Homo sapiens

897	Q04962	<i>Cavia porcellus</i>
898	P02970	<i>Escherichia coli</i>
899	P02771	<i>Homo sapiens</i>
900	O95750	<i>Homo sapiens</i>
901	P0C1Y5	<i>Zea mays</i>
902	Q99003	<i>Escherichia coli</i>
903	P10675	<i>Schistocerca americana</i>
904	P37889	<i>Mus musculus</i>
905	P30438	<i>Felis catus</i>
906	P36980	<i>Homo sapiens</i>
907	Q26427	<i>Galleria mellonella</i>
908	Q47223	<i>Escherichia coli</i>
909	Q9NWM8	<i>Homo sapiens</i>
910	Q41649	<i>Vicia faba</i>
911	Q7SZN0	<i>Pseudonaja textilis</i>
912	P10384	<i>Escherichia coli</i>
913	Q08879	<i>Mus musculus</i>
914	P30440	<i>Felis catus</i>
915	Q5KQS1	<i>Gloydius blomhoffii</i>
916	Q9NSA1	<i>Homo sapiens</i>
917	P02675	<i>Homo sapiens</i>
918	P02679	<i>Homo sapiens</i>
919	O42807	<i>Aspergillus niger</i>
920	Q9HE18	<i>Talaromyces funiculosus</i>
921	P35755	<i>Haemophilus influenzae</i>
922	Q05202	<i>Yersinia enterocolitica</i>
923	Q9GZV9	<i>Homo sapiens</i>
924	P12799	<i>Bos taurus</i>
925	P21828	<i>Bombyx mori</i>
926	Q18184	<i>Caenorhabditis elegans</i>
927	P12266	<i>Klebsiella pneumoniae</i>
928	P33781	<i>Escherichia coli</i>
929	P12061	<i>Salmonella enteritidis</i>
930	Q8WZI8	<i>Aspergillus niger</i>
931	B8M9H9	<i>Talaromyces stipitatus</i>
932	A1C3L3	<i>Streptococcus parasanguinis</i>
933	Q7L513	<i>Homo sapiens</i>
934	P02765	<i>Homo sapiens</i>
935	P0AEM9	<i>Escherichia coli</i>
936	A1X158	<i>Perna viridis</i>
937	A1X159	<i>Perna viridis</i>
938	P35555	<i>Homo sapiens</i>
939	O00602	<i>Homo sapiens</i>

940	P12763	<i>Bos taurus</i>
941	P16869	<i>Escherichia coli</i>
942	P02672	<i>Bos taurus</i>
943	P14448	<i>Gallus gallus</i>
944	P02671	<i>Homo sapiens</i>
945	P04937	<i>Rattus norvegicus</i>
946	P45523	<i>Escherichia coli</i>
947	P32520	<i>Brachyspira hyodysenteriae</i>
948	P13421	<i>Serratia marcescens</i>
949	E3PPC4	<i>Escherichia coli</i> O78:H11
950	P01227	<i>Ovis aries</i>
951	O70165	<i>Mus musculus</i>
952	P21781	<i>Homo sapiens</i>
953	P37921	<i>Salmonella typhimurium</i>
954	P31697	<i>Escherichia coli</i>
955	P02751	<i>Homo sapiens</i>
956	P21982	<i>Spirochaeta aurantia</i>
957	Q99MG7	<i>Mesocricetus auratus</i>
958	P02702	<i>Bos taurus</i>
959	Q9Z4P0	<i>Shewanella frigidimarina</i>
960	P01226	<i>Equus caballus</i>
961	P05790	<i>Bombyx mori</i>
962	Q8TAL6	<i>Homo sapiens</i>
963	P30130	<i>Escherichia coli</i>
964	P08191	<i>Escherichia coli</i>
965	P18477	<i>Actinomyces viscosus</i>
966	Q12841	<i>Homo sapiens</i>
967	O95633	<i>Homo sapiens</i>
968	P19883	<i>Homo sapiens</i>
969	P97515	<i>Meriones unguiculatus</i>
970	P24090	<i>Rattus norvegicus</i>
971	P06399	<i>Rattus norvegicus</i>
972	O60046	<i>Neurospora crassa</i>
973	P12903	<i>Klebsiella pneumoniae</i>
974	P31515	<i>Xenopus laevis</i>
975	P17164	<i>Rattus norvegicus</i>
976	O34215	<i>Pantoea cyripedii</i>
977	P0A1N4	<i>Salmonella typhimurium</i>
978	P19369	<i>Aeromonas hydrophila</i>
979	P15488	<i>Escherichia coli</i>
980	B0JFB8	<i>Antheraea mylitta</i>
981	P42512	<i>Pseudomonas aeruginosa</i>
982	P34115	<i>Dictyostelium discoideum</i>

983	P0CS93	Gibberella zeae
984	Q867W1	Procambarus clarkii
985	P01225	Homo sapiens
986	P34116	Dictyostelium discoideum
987	O34214	Pantoea cypripedii
988	P54803	Homo sapiens
989	P22146	Saccharomyces cerevisiae
990	Q07WU7	Shewanella frigidimarina
991	P42578	Lymnaea stagnalis
992	P41822	Aedes aegypti
993	P01228	Sus scrofa
994	P05149	Acinetobacter calcoaceticus
995	P48842	Aspergillus aculeatus
996	P07662	Pseudomonas sp.
997	P07093	Homo sapiens
998	O60609	Homo sapiens
999	E9K9Z1	Lactobacillus plantarum
1000	Q8JFY4	Anguilla japonica
1001	P02226	Chironomus thummi thummi
1002	P80195	Bos taurus
1003	P04062	Homo sapiens
1004	P01350	Homo sapiens
1005	Q90W22	Lithobates catesbeiana
1006	Q76IQ4	Oncorhynchus mykiss
1007	P55320	Homarus americanus
1008	P84298	Chironomus thummi thummi
1009	P28316	Ascaris suum
1010	P01215	Homo sapiens
1011	P07474	Oryctolagus cuniculus
1012	Q9TT95	Sus scrofa
1013	Q8BHN3	Mus musculus
1014	Q6YZY5	Oryza sativa subsp. japonica
1015	O82833	Bacillus sp.
1016	Q9EQX0	Mus musculus
1017	P12550	Chironomus thummi thummi
1018	P02223	Chironomus thummi thummi
1019	Q7M413	Oligobranchia mashikoi
1020	Q7M418	Oligobranchia mashikoi
1021	Q02596	Mus musculus
1022	L8BRS3	Morus alba
1023	P07728	Oryza sativa subsp. japonica
1024	B0XT72	Neosartorya fumigata
1025	Q6ZBZ2	Oryza sativa subsp. japonica

1026	P01218	Ovis aries
1027	P18956	Escherichia coli
1028	P11069	Lumbricus terrestris
1029	P15522	Camelus dromedarius
1030	P01221	Cyprinus carpio
1031	P07730	Oryza sativa subsp. japonica
1032	Q95VP2	Epiphyas postvittana
1033	Q62867	Rattus norvegicus
1034	P01217	Bos taurus
1035	P09394	Escherichia coli
1036	P04405	Glycine max
1037	P49921	Sus scrofa
1038	P51919	Sparus aurata
1039	P21978	Leishmania amazonensis
1040	Q6IV20	Gallus gallus
1041	Q942A7	Oryza sativa subsp. japonica
1042	Q7M419	Oligobranchia mashikoi
1043	Q5KSB7	Oligobranchia mashikoi
1044	P81447	Capra hircus
1045	P0AEQ3	Escherichia coli
1046	P01274	Sus scrofa
1047	P82358	Acanthoscurria gomesiana
1048	P37042	Gallus gallus
1049	P25291	Canis lupus familiaris
1050	P35052	Homo sapiens
1051	P29794	Canis lupus familiaris
1052	P51918	Haplochromis burtoni
1053	P01148	Homo sapiens
1054	P43306	Clarias gariepinus
1055	P51925	Sparus aurata
1056	Q6UWM5	Homo sapiens
1057	P28798	Mus musculus
1058	P11021	Homo sapiens
1059	P37902	Escherichia coli
1060	P04706	Zea mays
1061	Q95VP3	Epiphyas postvittana
1062	P10144	Homo sapiens
1063	P10256	Oncorhynchus keta
1064	Q52085	Polysphondylium pallidum
1065	P09341	Homo sapiens
1066	P37696	Komagataeibacter hansenii
1067	P37699	Clostridium cellulolyticum
1068	P28623	Clostridium cellulovorans

1069	P35053	<i>Rattus norvegicus</i>
1070	Q2U4L7	<i>Aspergillus oryzae</i>
1071	O14412	<i>Orpinomyces</i> sp.
1072	P33682	<i>Streptomyces halstedii</i>
1073	P10475	<i>Bacillus subtilis</i>
1074	P18126	<i>Cellvibrio japonicus</i>
1075	P14090	<i>Cellulomonas fimi</i>
1076	A3DH67	<i>Clostridium thermocellum</i>
1077	P14095	<i>Rattus norvegicus</i>
1078	P20029	<i>Mus musculus</i>
1079	P04957	<i>Bacillus subtilis</i>
1080	P22541	<i>Butyrivibrio fibrisolvens</i>
1081	P27035	<i>Streptomyces lividans</i>
1082	P18336	<i>Cellulomonas uda</i>
1083	P50401	<i>Cellulomonas fimi</i>
1084	Q14520	<i>Homo sapiens</i>
1085	O18994	<i>Sus scrofa</i>
1086	C9K4X8	<i>Patiria pectinifera</i>
1087	P23659	<i>Clostridium stercorearium</i>
1088	Q01528	<i>Limulus polyphemus</i>
1089	Q8K0D2	<i>Mus musculus</i>
1090	Q95P08	<i>Scutigera coleoptrata</i>
1091	O60565	<i>Homo sapiens</i>
1092	P53543	<i>Clarias gariepinus</i>
1093	P01235	<i>Cyprinus carpio</i>
1094	P07982	<i>Hypocrea jecorina</i>
1095	P07987	<i>Hypocrea jecorina</i>
1096	P15644	<i>Klebsiella pneumoniae</i>
1097	P10257	<i>Oncorhynchus keta</i>
1098	P26221	<i>Thermobifida fusca</i>
1099	Q9C9H5	<i>Arabidopsis thaliana</i>
1100	P17901	<i>Clostridium cellulolyticum</i>
1101	P27033	<i>Cellvibrio japonicus</i>
1102	P27032	<i>Dickeya dadantii</i>
1103	P23044	<i>Robillarda</i> sp.
1104	P17989	<i>Fibrobacter succinogenes</i>
1105	Q02747	<i>Homo sapiens</i>
1106	Q8J0I9	<i>Trichoderma harzianum</i>
1107	P16216	<i>Ruminococcus albus</i>
1108	Q05156	<i>Streptomyces reticuli</i>
1109	Q5NAT0	<i>Oryza sativa</i> subsp. <i>japonica</i>
1110	P19487	<i>Xanthomonas campestris</i> pv. <i>campestris</i>

1111	Q02934	<i>Clostridium thermocellum</i>
1112	Q8IFJ8	<i>Scutigera coleoptrata</i>
1113	O88093	<i>Escherichia coli</i>
1114	P05546	<i>Homo sapiens</i>
1115	C6XZB6	<i>Pedobacter heparinus</i>
1116	Q07558	<i>Poecilobdella manillensis</i>
1117	Q59289	<i>Pedobacter heparinus</i>
1118	P02877	<i>Hevea brasiliensis</i>
1119	P43077	<i>Candida albicans</i>
1120	P00260	<i>Allochromatium vinosum</i>
1121	P25033	<i>Hyalophora cecropia</i>
1122	P50828	<i>Sus scrofa</i>
1123	P20059	<i>Rattus norvegicus</i>
1124	P06865	<i>Homo sapiens</i>
1125	P76341	<i>Escherichia coli</i>
1126	P09616	<i>Staphylococcus aureus</i>
1127	P16466	<i>Proteus mirabilis</i>
1128	Q06576	<i>Tamias sibiricus</i>
1129	P02790	<i>Homo sapiens</i>
1130	P20058	<i>Oryctolagus cuniculus</i>
1131	Q05819	<i>Pedobacter heparinus</i>
1132	Q47952	<i>Haemophilus ducreyi</i>
1133	Q04756	<i>Homo sapiens</i>
1134	P14210	<i>Homo sapiens</i>
1135	P14212	<i>Haemophilus influenzae</i>
1136	E1V825	<i>Halomonas elongata</i>
1137	Q06577	<i>Tamias sibiricus</i>
1138	P00739	<i>Homo sapiens</i>
1139	P49182	<i>Mus musculus</i>
1140	Q4VYA5	<i>Salmonella dublin</i>
1141	Q0Z8B6	<i>Enterococcus hirae</i>
1142	Q25055	<i>Holotrichia diomphalia</i>
1143	Q06575	<i>Tamias sibiricus</i>
1144	Q9GQV7	<i>Aedes aegypti</i>
1145	P00738	<i>Homo sapiens</i>
1146	P15515	<i>Homo sapiens</i>
1147	P0AEU0	<i>Escherichia coli</i>
1148	P0A074	<i>Staphylococcus aureus</i>
1149	P19250	<i>Vibrio parahaemolyticus</i> serotype O3:K6
1150	P15320	<i>Serratia marcescens</i>
1151	P09545	<i>Vibrio cholerae</i> serotype O1
1152	Q9Y251	<i>Homo sapiens</i>

1153	P02910	Salmonella typhimurium
1154	P01795	Mus musculus
1155	C4NZN9	Hyas araneus
1156	Q99289	Vibrio parahaemolyticus serotype O3:K6
1157	P32478	Saccharomyces cerevisiae
1158	O50319	Yersinia enterocolitica
1159	P86875	Vespa magnifica
1160	Q9VG55	Drosophila melanogaster
1161	P13691	Hordeum vulgare
1162	P01083	Triticum aestivum
1163	P16850	Triticum aestivum
1164	P21743	Rattus norvegicus
1165	P24854	Sus scrofa
1166	P35572	Rattus norvegicus
1167	Q16270	Homo sapiens
1168	P15321	Serratia marcescens
1169	P19007	Oryctolagus cuniculus
1170	P04196	Homo sapiens
1171	P01783	Mus musculus
1172	P45354	Haemophilus influenzae
1173	P86100	Mesobuthus martensii
1174	P16851	Triticum aestivum
1175	P08833	Homo sapiens
1176	P13384	Bos taurus
1177	P33129	Escherichia coli
1178	P07596	Hordeum vulgare
1179	Q4WZ11	Neosartorya fumigata
1180	P01568	Homo sapiens
1181	P01572	Mus musculus
1182	P01563	Homo sapiens
1183	P32881	Homo sapiens
1184	Q17128	Blaberus discoidalis
1185	Q63617	Rattus norvegicus
1186	O95998	Homo sapiens
1187	Q969J5	Homo sapiens
1188	P32936	Hordeum vulgare
1189	P01086	Hordeum vulgare
1190	P12843	Rattus norvegicus
1191	P17936	Homo sapiens
1192	P01068	Ananas comosus
1193	Q8MM24	Drosophila melanogaster
1194	P01570	Homo sapiens

1195	P01562	Homo sapiens
1196	P01344	Homo sapiens
1197	P01591	Homo sapiens
1198	P29459	Homo sapiens
1199	P29460	Homo sapiens
1200	P17314	Triticum aestivum
1201	P16159	Triticum aestivum
1202	P26461	Sus scrofa
1203	P15473	Rattus norvegicus
1204	P21744	Rattus norvegicus
1205	P05013	Homo sapiens
1206	Q9P0W0	Homo sapiens
1207	P07456	Bos taurus
1208	Q6UW32	Homo sapiens
1209	P60568	Homo sapiens
1210	P19874	Oryctolagus cuniculus
1211	P15247	Mus musculus
1212	P01822	Mus musculus
1213	P05155	Homo sapiens
1214	Q8MLZ7	Drosophila melanogaster
1215	P01569	Homo sapiens
1216	P01579	Homo sapiens
1217	P12707	Xenopus laevis
1218	Q9Z0M9	Mus musculus
1219	P11643	Hordeum vulgare
1220	P29421	Oryza sativa subsp. japonica
1221	P01092	Streptomyces tendae
1222	P82594	Streptomyces chartreusis
1223	P20959	Bos taurus
1224	P16611	Sus scrofa
1225	P22692	Homo sapiens
1226	P83472	Lumbricus terrestris
1227	P10822	Psophocarpus tetragonolobus
1228	P05000	Homo sapiens
1229	P01346	Rattus norvegicus
1230	Q9GZX6	Homo sapiens
1231	P08505	Mus musculus
1232	P01325	Mus musculus
1233	P81025	Oreochromis niloticus
1234	P01318	Ovis aries
1235	O00105	Aspergillus niger
1236	P28041	Hordeum vulgare
1237	P34951	Hordeum vulgare

1238	P56829	Ovis aries
1239	Q6UXB1	Homo sapiens
1240	Q96PD4	Homo sapiens
1241	Q9H293	Homo sapiens
1242	P12706	Xenopus laevis
1243	P05154	Homo sapiens
1244	Q9LAB5	Staphylococcus aureus
1245	P00996	Bos taurus
1246	P18510	Homo sapiens
1247	Q13007	Homo sapiens
1248	P26894	Sus scrofa
1249	P07994	Bos taurus
1250	P51460	Homo sapiens
1251	P01335	Cyprinus carpio
1252	P06306	Felis catus
1253	P01308	Homo sapiens
1254	P01311	Oryctolagus cuniculus
1255	Q05918	Nostoc commune
1256	Q2FV52	Staphylococcus aureus
1257	P26501	Pseudomonas sp.
1258	P01567	Homo sapiens
1259	P10764	Ovis aries
1260	Q16552	Homo sapiens
1261	Q9NYY1	Homo sapiens
1262	P05113	Homo sapiens
1263	P18958	Dickeya chrysanthemi
1264	P01326	Mus musculus
1265	Q14641	Homo sapiens
1266	Q96TU3	Aspergillus awamori
1267	P01005	Gallus gallus
1268	P37109	Sus scrofa
1269	P22301	Homo sapiens
1270	Q9UHD0	Homo sapiens
1271	P05231	Homo sapiens
1272	P01322	Rattus norvegicus
1273	P01321	Canis lupus familiaris
1274	P01317	Bos taurus
1275	P17715	Octodon degus
1276	P31608	Sagittaria sagittifolia
1277	P79263	Sus scrofa
1278	P10145	Homo sapiens
1279	P01077	Streptomyces nigrescens
1280	P01323	Rattus norvegicus

1281	O77801	Bos taurus
1282	P01313	Cricetulus longicaudatus
1283	P10184	Gallus gallus
1284	P07479	Sagittaria sagittifolia
1285	P20155	Homo sapiens
1286	Q6UWN8	Homo sapiens
1287	P01342	Myxine glutinosa
1288	Q8MVA6	Ixodes scapularis
1289	P09655	Rattus norvegicus
1290	P01001	Bos taurus
1291	Q14624	Homo sapiens
1292	Q9NII5	Mesobuthus martensii
1293	C0HJQ8	Mesobuthus eupeus
1294	Q9NII7	Mesobuthus martensii
1295	C0HJQ4	Mesobuthus eupeus
1296	P0DL37	Urodacus yaschenkoi
1297	Q9NJP7	Mesobuthus martensii
1298	C7G3K3	Liocheles australasiae
1299	Q9Y5Q6	Homo sapiens
1300	P67970	Gallus gallus
1301	P01329	Cavia porcellus
1302	P04667	Oncorhynchus keta
1303	P01315	Sus scrofa
1304	P00724	Saccharomyces cerevisiae
1305	P05560	Dromaius novaehollandiae
1306	Q9N2I2	Bos taurus
1307	Q5DT21	Homo sapiens
1308	P0AD59	Escherichia coli
1309	Q95NK7	Mesobuthus martensii
1310	A9XE60	Mesobuthus eupeus
1311	P09656	Rattus norvegicus
1312	P00995	Homo sapiens
1313	Q95NJ8	Mesobuthus martensii
1314	P0C1X6	Tityus discrepans
1315	Q5G8A6	Tityus costatus
1316	Q8WWA0	Homo sapiens
1317	P01088	Zea mays
1318	P62520	Chilobrachys guangxiensis
1319	Q9NBG9	Mesobuthus martensii
1320	P13487	Leiurus quinquestriatus hebraeus
1321	C0HJQ5	Mesobuthus eupeus
1322	P56972	Pandinus imperator
1323	P01070	Glycine max

1324	Q9PTT2	Lepidobatrachus laevis
1325	P00757	Mus musculus
1326	Q8I0L5	Mesobuthus martensii
1327	Q867F4	Androctonus australis
1328	Q5K0E0	Androctonus amoreuxi
1329	B3EWY1	Mesobuthus gibbosus
1330	P45628	Leiurus quinquestriatus hebraeus
1331	Q9TVX3	Mesobuthus martensii
1332	P0C194	Opisthacanthus madagascariensis
1333	P07288	Homo sapiens
1334	Q9U8D2	Mesobuthus martensii
1335	Q9BKB7	Mesobuthus eupeus
1336	Q9BJX2	Mesobuthus martensii
1337	P84777	Tityus discrepans
1338	D3JXM1	Mesobuthus eupeus
1339	P0C908	Buthus occitanus israelis
1340	Q934G3	Dickeya dadantii
1341	Q86QT3	Centruroides noxius
1342	Q00870	Fusarium solani subsp. phaseoli
1343	P45696	Androctonus australis
1344	Q96I82	Homo sapiens
1345	Q0GY40	Hadrurus gertschi
1346	P49862	Homo sapiens
1347	P01042	Homo sapiens
1348	O59896	Pycnopus cinnabarinus
1349	Q90121	Ustilago maydis P4 virus
1350	Q9TSN6	Bubalus bubalis
1351	P00713	Cavia porcellus
1352	P00716	Oryctolagus cuniculus
1353	A2AJB7	Mus musculus
1354	P01048	Rattus norvegicus
1355	Q55P57	Cryptococcus neoformans var. neoformans serotype D
1356	P02758	Equus caballus
1357	P02754	Bos taurus
1358	Q2ULM2	Aspergillus oryzae
1359	P17454	Oryctolagus cuniculus
1360	Q7JZV0	Drosophila melanogaster
1361	E1XUJ2	Castellaniella defragrans
1362	Q6QX33	Bothrops insularis
1363	Q9YGP1	Trimeresurus stejnegeri
1364	Q9ZG90	Sphingobacterium multivorum
1365	P04119	Sus scrofa

1366	P67976	Ovis aries
1367	P33575	Petromyzon marinus
1368	P04180	Homo sapiens
1369	P91629	Drosophila miranda
1370	Q41162	Robinia pseudoacacia
1371	C6JUN9	Micrurus corallinus
1372	P02872	Arachis hypogaea
1373	Q8WPD0	Patiria pectinifera
1374	P01661	Mus musculus
1375	P01633	Mus musculus
1376	P19137	Mus musculus
1377	Q61001	Mus musculus
1378	Q9HZQ8	Pseudomonas aeruginosa
1379	P06911	Rattus norvegicus
1380	P91627	Drosophila miranda
1381	P92201	Drosophila melanogaster
1382	Q39528	Cladrastis kentukea
1383	P07439	Megabalanus rosa
1384	Q99538	Homo sapiens
1385	P81715	Streptomyces exfoliatus
1386	P02755	Bubalus bubalis
1387	P00712	Capra hircus
1388	P33577	Petromyzon marinus
1389	P92192	Drosophila melanogaster
1390	Q70DJ5	Arachis hypogaea
1391	B2KNH9	Dendrobium findlayanum
1392	P22394	Geotrichum candidum
1393	P06858	Homo sapiens
1394	P01045	Bos taurus
1395	P01634	Mus musculus
1396	P01639	Mus musculus
1397	P07380	Equus caballus
1398	P02756	Capra hircus
1399	P29822	Rhizobium radiobacter
1400	P00709	Homo sapiens
1401	P18137	Sus scrofa
1402	Q60675	Mus musculus
1403	Q61789	Mus musculus
1404	P80060	Locusta migratoria
1405	P31025	Homo sapiens
1406	P82384	Drosophila melanogaster
1407	Q39529	Cladrastis kentukea
1408	Q02988	Pleurodeles waltl

1409	O62644	Bos taurus
1410	P15917	Bacillus anthracis
1411	Q01584	Rhinella marina
1412	Q05489	Burkholderia glumae
1413	P26877	Pseudomonas sp.
1414	Q9GZZ8	Homo sapiens
1415	P00714	Rattus norvegicus
1416	A3RJ36	Bubalus bubalis
1417	P23631	Latrodectus tredecimguttatus
1418	Q01774	Drosophila miranda
1419	P20013	Trametes versicolor
1420	P40601	Photorhabdus luminescens
1421	P20462	Macropus eugenii
1422	P18428	Homo sapiens
1423	P02873	Phaseolus vulgaris
1424	P83519	Bothrops jararacussu
1425	Q39527	Cladrastis kentukea
1426	P16030	Bauhinia purpurea
1427	Q08380	Homo sapiens
1428	P15018	Homo sapiens
1429	P27657	Rattus norvegicus
1430	P04635	Staphylococcus hyicus
1431	Q8N6C8	Homo sapiens
1432	P0AD96	Escherichia coli
1433	P04816	Escherichia coli
1434	P16404	Erythrina corallodendron
1435	P02870	Lens culinaris
1436	P09056	Mus musculus
1437	Q71DJ5	Arabidopsis thaliana
1438	Q62813	Rattus norvegicus
1439	P04651	Bos taurus
1440	P01229	Homo sapiens
1441	P25275	Pseudomonas sp.
1442	P10758	Rattus norvegicus
1443	O35806	Rattus norvegicus
1444	O88188	Mus musculus
1445	P80035	Canis lupus familiaris
1446	P04634	Rattus norvegicus
1447	P11151	Bos taurus
1448	P61316	Escherichia coli
1449	P31715	Staphylococcus aureus
1450	P12068	Sus scrofa
1451	P59206	Streptococcus pneumoniae

1452	P54421	Bacillus subtilis
1453	P07098	Homo sapiens
1454	P06857	Canis lupus familiaris
1455	Q64424	Myocastor coypus
1456	P54318	Rattus norvegicus
1457	P22088	Burkholderia cepacia
1458	Q93MW7	Streptomyces rimosus
1459	Q6UWN5	Homo sapiens
1460	P0AEX9	Escherichia coli
1461	Q5ECE3	Lonomia obliqua
1462	P08751	Equus caballus
1463	Q6IY74	Oryctolagus cuniculus
1464	P84809	Buthus occitanus tunetanus
1465	P01724	Mus musculus
1466	P01729	Mus musculus
1467	P83673	Crassostrea virginica
1468	P01232	Sus scrofa
1469	P31716	Staphylococcus aureus
1470	P84810	Buthus occitanus tunetanus
1471	P04421	Bos taurus
1472	P67977	Semnopithecus entellus
1473	P02977	Streptococcus pyogenes serotype M5
1474	Q9UAH3	Pinctada fucata
1475	P01549	Streptomyces macromomyceticus
1476	P05533	Mus musculus
1477	O95711	Homo sapiens
1478	P00719	Struthio camelus
1479	Q7YT16	Musca domestica
1480	Q8T1G4	Dictyostelium discoideum
1481	P00698	Gallus gallus
1482	P61626	Homo sapiens
1483	P39848	Bacillus subtilis
1484	Q9NL38	Pinctada maxima
1485	Q17058	Apis mellifera
1486	P31723	Penicillium citrinum
1487	P48740	Homo sapiens
1488	Q9JJS8	Rattus norvegicus
1489	P19999	Rattus norvegicus
1490	Q05443	Bos taurus
1491	Q95P90	Mesobuthus martensii
1492	Q14210	Homo sapiens
1493	P16636	Rattus norvegicus
1494	B3A003	Crassostrea virginica

1495	P61629	Papio anubis
1496	P00702	Phasianus colchicus colchicus
1497	P85045	Bufo gargarizans andrewsi
1498	O07532	Bacillus subtilis
1499	O33599	Staphylococcus aureus
1500	Q8WPJ2	Mytilus edulis
1501	Q27908	Pinctada fucata
1502	P80513	Bos taurus
1503	Q53599	Staphylococcus aureus
1504	P30659	Lutzomyia longipalpis
1505	O54082	Staphylococcus aureus
1506	O54081	Staphylococcus aureus
1507	P00705	Anas platyrhynchos
1508	P00697	Rattus norvegicus
1509	P00701	Coturnix coturnix japonica
1510	P48816	Bombyx mori
1511	Q02114	Bacillus subtilis
1512	Q8L5J1	Solanum lycopersicum
1513	Q4WBS1	Neosartorya fumigata
1514	P55145	Homo sapiens
1515	P29399	Alteromonas sp.
1516	P05099	Gallus gallus
1517	P61870	Penicillium camembertii
1518	Q86Y78	Homo sapiens
1519	Q1XG90	Crassostrea virginica
1520	P00703	Meleagris gallopavo
1521	P08905	Mus musculus
1522	P19401	Streptococcus pyogenes
1523	P16947	Streptococcus pyogenes serotype M49
1524	Q9NL39	Pinctada maxima
1525	P51529	Streptomyces lividans
1526	P0C0T5	Escherichia coli
1527	O48540	Solanum lycopersicum
1528	P16699	Bacillus mannanilyticus
1529	O05512	Bacillus subtilis
1530	Q5U9S1	Sus scrofa
1531	P52706	Prunus serotina
1532	P11226	Homo sapiens
1533	Q7MSJ8	Wolinella succinogenes
1534	P01499	Apis mellifera
1535	P13113	Serratia marcescens
1536	Q8C1Q4	Mus musculus

1537	Q800Y2	Argyrosomus regius
1538	O35701	Mus musculus
1539	Q9XSW3	Sus scrofa
1540	P01076	Solanum lycopersicum
1541	C5P3X6	Coccidioides posadasii
1542	P21956	Mus musculus
1543	P83636	Orconectes limosus
1544	P0A908	Escherichia coli
1545	Q70YI1	Legionella pneumophila
1546	P81446	Viscum album
1547	Q90611	Gallus gallus
1548	P07507	Bos taurus
1549	P21741	Homo sapiens
1550	P28053	Bos taurus
1551	P33436	Rattus norvegicus
1552	P09237	Homo sapiens
1553	P22894	Homo sapiens
1554	P14780	Homo sapiens
1555	P55083	Homo sapiens
1556	P20774	Homo sapiens
1557	P24052	Gallus gallus
1558	P45452	Homo sapiens
1559	P45323	Haemophilus influenzae
1560	P55847	Penaeus japonicus
1561	P51752	Coxiella burnetii
1562	P82683	Viscum album
1563	P01307	Sus scrofa
1564	P43174	Ambrosia psilostachya
1565	P77348	Escherichia coli
1566	Q16674	Homo sapiens
1567	P13087	Synsepalum dulcificum
1568	B0FHH8	Manduca sexta
1569	P12872	Homo sapiens
1570	P25289	Lymnaea stagnalis
1571	P82818	Bombyx mori
1572	Q8UUG0	Morone saxatilis
1573	P0A5Q5	Mycobacterium bovis
1574	Q41260	Phalaris aquatica
1575	P80090	Lymnaea stagnalis
1576	Q86LE5	Rhipicephalus microplus
1577	A7VN13	Protophormia flavoviridis
1578	Q8X150	Gaeumannomyces graminis var. tritici
1579	P9WIP1	Mycobacterium tuberculosis

1580	Q17060	<i>Apis mellifera</i>
1581	A7VN14	<i>Protothrips flavoviridis</i>
1582	Q9Z4I3	<i>Treponema maltophilum</i>
1583	P37329	<i>Escherichia coli</i>
1584	Q46203	<i>Chlamydomonas psittaci</i>
1585	P86872	<i>Pinctada margaritifera</i>
1586	Q03011	<i>Proteus mirabilis</i>
1587	A7VN15	<i>Protothrips flavoviridis</i>
1588	P08118	<i>Homo sapiens</i>
1589	P06597	<i>Chlamydia trachomatis</i> serovar L2
1590	P14946	<i>Lolium perenne</i>
1591	P9WG65	<i>Mycobacterium tuberculosis</i>
1592	P11590	<i>Mus musculus</i>
1593	Q59XX2	<i>Candida albicans</i>
1594	O77061	<i>Apis mellifera</i>
1595	A0QR29	<i>Mycobacterium smegmatis</i>
1596	P76342	<i>Escherichia coli</i>
1597	P28665	<i>Mus musculus</i>
1598	A1BQQ5	<i>Conus marmoreus</i>
1599	O18330	<i>Apis mellifera</i>
1600	P39046	<i>Enterococcus hirae</i>
1601	Q13421	<i>Homo sapiens</i>
1602	O02826	<i>Sus scrofa</i>
1603	P38577	<i>Leuconostoc mesenteroides</i>
1604	P02761	<i>Rattus norvegicus</i>
1605	Q96DR8	<i>Homo sapiens</i>
1606	Q99972	<i>Homo sapiens</i>
1607	Q9BZM5	<i>Homo sapiens</i>
1608	P01477	<i>Crotalus oreganus helleri</i>
1609	P29241	<i>Aplysia californica</i>
1610	P17050	<i>Homo sapiens</i>
1611	Q969H8	<i>Homo sapiens</i>
1612	A5F7A4	<i>Vibrio cholerae</i> serotype O1
1613	P44544	<i>Haemophilus influenzae</i>
1614	P81186	<i>Desulfovibrio desulfuricans</i>
1615	P41271	<i>Homo sapiens</i>
1616	P86407	<i>Mesobuthus eupeus</i>
1617	Q02083	<i>Homo sapiens</i>
1618	P33937	<i>Escherichia coli</i>
1619	P83313	<i>Opisthophthalmus carinatus</i>
1620	P82103	<i>Mytilus galloprovincialis</i>
1621	P82102	<i>Mytilus galloprovincialis</i>
1622	P0ABL3	<i>Escherichia coli</i>

1623	Q9I596	<i>Pseudomonas aeruginosa</i>
1624	Q8MTX2	<i>Opisthacanthus madagascariensis</i>
1625	G8YYA6	<i>Androctonus amoreuxi</i>
1626	Q94EG3	<i>Nicotiana langsdorffii</i> x <i>Nicotiana sanderae</i>
1627	Q7M4T0	<i>Neurospora crassa</i>
1628	P33406	<i>Yersinia enterocolitica</i>
1629	P44654	<i>Haemophilus influenzae</i>
1630	Q8MMJ7	<i>Opisthacanthus madagascariensis</i>
1631	P01175	<i>Bos taurus</i>
1632	P20068	<i>Rattus norvegicus</i>
1633	Q02834	<i>Micromonospora viridifaciens</i>
1634	F1AWB0	<i>Vaejovis mexicanus</i>
1635	P01180	<i>Bos taurus</i>
1636	P01185	<i>Homo sapiens</i>
1637	Q14112	<i>Homo sapiens</i>
1638	G8YYA5	<i>Androctonus amoreuxi</i>
1639	P46739	<i>Escherichia coli</i>
1640	P80188	<i>Homo sapiens</i>
1641	Q06006	<i>Pseudomonas chlororaphis</i>
1642	A0AT32	<i>Lens culinaris</i>
1643	Q43871	<i>Hordeum vulgare</i>
1644	P39186	<i>Cupriavidus necator</i>
1645	P0A3R9	<i>Streptomyces carzinostaticus</i>
1646	P33183	<i>Sambucus nigra</i>
1647	Q43767	<i>Hordeum vulgare</i>
1648	A0AT29	<i>Lens culinaris</i>
1649	P19656	<i>Zea mays</i>
1650	C5J887	<i>Opisthacanthus cayaporum</i>
1651	P10673	<i>Canis lupus familiaris</i>
1652	P82900	<i>Triticum aestivum</i>
1653	Q51705	<i>Paracoccus denitrificans</i>
1654	P48745	<i>Homo sapiens</i>
1655	P24474	<i>Pseudomonas aeruginosa</i>
1656	Q8MJV4	<i>Bos taurus</i>
1657	P01303	<i>Homo sapiens</i>
1658	Q84UV8	<i>Nicotiana langsdorffii</i> x <i>Nicotiana sanderae</i>
1659	Q9Z0J8	<i>Rattus norvegicus</i>
1660	P01183	<i>Sus scrofa</i>
1661	P10493	<i>Mus musculus</i>
1662	Q9XFS7	<i>Arabidopsis thaliana</i>
1663	Q7Q7R8	<i>Anopheles gambiae</i>

1664	Q27441	<i>Aplysia californica</i>
1665	Q99519	<i>Homo sapiens</i>
1666	P82007	<i>Helianthus annuus</i>
1667	Q0IQK9	<i>Oryza sativa</i> subsp. <i>japonica</i>
1668	P24296	<i>Triticum aestivum</i>
1669	P10976	<i>Spinacia oleracea</i>
1670	P61916	<i>Homo sapiens</i>
1671	P0ABK9	<i>Escherichia coli</i>
1672	P94127	<i>Achromobacter cycloclastes</i>
1673	P12670	<i>Solanum lycopersicum</i>
1674	P07808	<i>Rattus norvegicus</i>
1675	Q9Y2I2	<i>Homo sapiens</i>
1676	O34313	<i>Bacillus subtilis</i>
1677	L0DSL2	<i>Thioalkalivibrio nitratreducens</i>
1678	Q6ASY2	<i>Oryza sativa</i> subsp. <i>japonica</i>
1679	E6Y8S8	<i>Apium graveolens</i>
1680	P07597	<i>Hordeum vulgare</i>
1681	O04004	<i>Ambrosia artemisiifolia</i>
1682	P10975	<i>Ricinus communis</i>
1683	Q10ST8	<i>Oryza sativa</i> subsp. <i>japonica</i>
1684	O97763	<i>Sus scrofa</i>
1685	Q8MI35	<i>Sus scrofa</i>
1686	Q9PW68	<i>Typhlonectes natans</i>
1687	Q9S1E5	<i>Wolinella succinogenes</i>
1688	Q8MP00	<i>Aedes aegypti</i>
1689	Q62718	<i>Rattus norvegicus</i>
1690	Q9P121	<i>Homo sapiens</i>
1691	A2AEP0	<i>Mus musculus</i>
1692	P31418	<i>Manduca sexta</i>
1693	P31420	<i>Manduca sexta</i>
1694	P84838	<i>Gluconacetobacter diazotrophicus</i>
1695	P34171	<i>Bombyx mori</i>
1696	P34170	<i>Bombyx mori</i>
1697	F1NSM7	<i>Gallus gallus</i>
1698	Q04064	<i>Bordetella pertussis</i>
1699	O55232	<i>Rattus norvegicus</i>
1700	Q8BHP7	<i>Mus musculus</i>
1701	Q41350	<i>Solanum lycopersicum</i>
1702	B0B815	<i>Chlamydia trachomatis</i> serovar L2
1703	P23515	<i>Homo sapiens</i>
1704	P34210	<i>Escherichia coli</i>
1705	P0A915	<i>Escherichia coli</i>
1706	P33136	<i>Escherichia coli</i>

1707	Q588Z2	Sphingopyxis sp.
1708	P56742	Crotalus atrox
1709	A8QL58	Naja atra
1710	P24021	Aspergillus oryzae
1711	O95157	Homo sapiens
1712	Q9Z0L3	Mus musculus
1713	Q9S3R9	Porphyromonas gingivalis
1714	P38368	Haemophilus influenzae
1715	Q9XYT4	Cryptorchestia cavimana
1716	P14170	Nicotiana tabacum
1717	Q60557	Mesocricetus auratus
1718	Q9D3H2	Mus musculus
1719	Q6UWY5	Homo sapiens
1720	Q07081	Lithobates catesbeiana
1721	B5AR80	Bothrops pauloensis
1722	J7H670	Lachesis muta
1723	P26202	Oryctolagus cuniculus
1724	P08878	Crotalus durissus terrificus
1725	P20476	Trimeresurus gramineus
1726	Q2YHJ6	Trimeresurus puniceus
1727	Q7ZTA6	Crotalus viridis viridis
1728	Q6H3C7	Trimeresurus stejnegeri
1729	Q8QG87	Bothrops insularis
1730	P00623	Crotalus adamanteus
1731	P18998	Crotalus scutulatus scutulatus
1732	P62023	Crotalus scutulatus scutulatus
1733	Q2PG81	Protobothrops elegans
1734	P0DJJ9	Protobothrops flavoviridis
1735	P20474	Bothrops asper
1736	Q1ZY03	Deinagkistrodon acutus
1737	Q2YHJ2	Trimeresurus borneensis
1738	Q9QXX3	Mus musculus
1739	P24605	Bothrops asper
1740	P17935	Vipera ammodytes ammodytes
1741	P00615	Oxyuranus scutellatus scutellatus
1742	P00616	Oxyuranus scutellatus scutellatus
1743	P31419	Manduca sexta
1744	P29739	Photobacterium profundum
1745	P31096	Bos taurus
1746	G8XQX1	Daboia russelii
1747	Q8T113	Bombyx mori
1748	A2VBC4	Polybia paulista
1749	A8CG86	Daboia russelii

1750	Q7T2R1	Daboia siamensis
1751	P14424	Vipera ammodytes ammodytes
1752	Q90W39	Protobothrops mucrosquamatus
1753	Q6EER4	Bothriechis schlegelii
1754	Q6H3D6	Trimeresurus stejnegeri
1755	Q6H3D3	Trimeresurus stejnegeri
1756	P80963	Bothriechis schlegelii
1757	O57385	Deinagkistrodon acutus
1758	P81418	Phytolacca americana
1759	Q8WMP9	Bos taurus
1760	P01299	Canis lupus familiaris
1761	Q3V1G4	Mus musculus
1762	P25871	Nicotiana tabacum
1763	P80604	Pasteurella multocida
1764	Q57483	Haemophilus influenzae
1765	Q05811	Rhizobium leguminosarum bv. viciae
1766	Q83EK8	Coxiella burnetii
1767	Q9S3R8	Porphyromonas gingivalis
1768	P77747	Escherichia coli
1769	P20740	Gallus gallus
1770	Q6IWZ0	Aplysia californica
1771	X2JCV5	Cerastes cerastes
1772	P31854	Vipera berus berus
1773	Q8UVU7	Cerrophidion godmani
1774	Q3HLQ4	Protobothrops mucrosquamatus
1775	Q6H3D2	Trimeresurus stejnegeri
1776	Q6H3D5	Trimeresurus stejnegeri
1777	P11657	Streptococcus mutans
1778	Q8NCC3	Homo sapiens
1779	P13083	Cavia porcellus
1780	P01301	Ovis aries
1781	P80603	Pasteurella multocida
1782	P76773	Escherichia coli
1783	P06111	Vibrio cholerae serotype O1
1784	P13725	Homo sapiens
1785	P40120	Escherichia coli
1786	P23843	Escherichia coli
1787	A8QL52	Bungarus fasciatus
1788	Q96RQ9	Homo sapiens
1789	P81383	Ophiophagus hannah
1790	P21171	Listeria monocytogenes serovar 1/2a
1791	P0CAR9	Cerastes cerastes
1792	P00625	Ovophis okinavensis

1793	A8CG78	Daboia siamensis
1794	F8QN53	Vipera renardi
1795	Q6H3D0	Trimeresurus stejnegeri
1796	Q8JIY9	Protobothrops jerdonii
1797	A8E2V8	Trimeresurus gracilis
1798	A8CG90	Daboia russelii
1799	P24027	Crotalus durissus terrificus
1800	P14555	Homo sapiens
1801	Q2YHJ9	Trimeresurus puniceus
1802	Q2YHJ4	Trimeresurus borneensis
1803	Q8UVZ7	Crotalus atrox
1804	P31956	Arthrobacter viscosus
1805	P06875	Escherichia coli
1806	O64411	Zea mays
1807	Q3YJT5	Solanum tuberosum
1808	Q8WP90	Solenopsis invicta
1809	P18959	Manduca sexta
1810	P0AFH8	Escherichia coli
1811	P08721	Rattus norvegicus
1812	P83371	Oncorhynchus keta
1813	P83632	Galleria mellonella
1814	P23028	Pseudonaja textilis
1815	Q6H3C8	Trimeresurus stejnegeri
1816	Q2HZ28	Bothrops erythromelas
1817	Q8AXY1	Bothrops jararacussu
1818	B5U6Z2	Macrovipera lebetina transmediterranea
1819	Q2YHJ3	Trimeresurus borneensis
1820	P0DJJ8	Protobothrops flavoviridis
1821	P45881	Bothrops jararacussu
1822	Q9PTA1	Bungarus multicinctus
1823	Q6EER2	Sistrurus catenatus tergeminus
1824	Q805A2	Protobothrops flavoviridis
1825	Q90Y77	Protobothrops flavoviridis
1826	P49121	Agkistrodon contortrix laticinctus
1827	G9I930	Micrurus tener tener
1828	Q6H3D7	Trimeresurus stejnegeri
1829	P13720	Escherichia coli
1830	P15399	Rattus norvegicus
1831	Q95VF0	Epiphyas postvittana
1832	P0AFI5	Escherichia coli
1833	P34174	Bombyx mori
1834	Q47459	Escherichia coli

1835	Q63415	Rattus norvegicus
1836	Q8NBP7	Homo sapiens
1837	Q9NRC9	Homo sapiens
1838	Q28042	Bos taurus
1839	P26203	Oryctolagus cuniculus
1840	P06859	Protobothrops flavoviridis
1841	D0UGJ0	Bothrops pauloensis
1842	A8CG89	Daboia russelii
1843	Q1RP79	Vipera nikolskii
1844	Q71QE8	Crotalus viridis viridis
1845	A6MEY4	Bungarus fasciatus
1846	P14423	Rattus norvegicus
1847	Q6JK69	Bothrops atrox
1848	P09466	Homo sapiens
1849	P01302	Bos taurus
1850	C7G1H4	Lactobacillus plantarum
1851	P15478	Solanum tuberosum
1852	P27773	Mus musculus
1853	B5U6Y4	Echis ocellatus
1854	Q09098	Mus musculus
1855	P80964	Sus scrofa
1856	P20797	Antheraea polyphemus
1857	Q9UKZ9	Homo sapiens
1858	V5NC32	Agaricus xanthodermus
1859	P11598	Rattus norvegicus
1860	Q15084	Homo sapiens
1861	Q95UE8	Lucilia cuprina
1862	P68248	Gallus gallus
1863	P13909	Bos taurus
1864	P04785	Rattus norvegicus
1865	P30101	Homo sapiens
1866	Q96S96	Homo sapiens
1867	Q95121	Bos taurus
1868	P15922	Dickeya chrysanthemi
1869	P19136	Phanerochaete chrysosporium
1870	Q9N2D3	Callithrix jacchus
1871	P84516	Sorghum bicolor
1872	P10720	Homo sapiens
1873	A8CL69	Apis mellifera
1874	P80284	Hordeum vulgare
1875	P81058	Litopenaeus vannamei
1876	P04073	Rattus norvegicus
1877	Q24825	Entamoeba histolytica

1878	P86242	<i>Streptomyces mobaraensis</i>
1879	P09791	<i>Trypanosoma brucei brucei</i>
1880	Q8NBM8	<i>Homo sapiens</i>
1881	Q3L1D1	<i>Agaricus bisporus</i>
1882	Q3L245	<i>Leucoagaricus meleagris</i>
1883	Q03035	<i>Bordetella bronchiseptica</i>
1884	Q8W257	<i>Ptilota filicina</i>
1885	P35355	<i>Rattus norvegicus</i>
1886	Q8NBL1	<i>Homo sapiens</i>
1887	Q9GK12	<i>Camelus dromedarius</i>
1888	Q8VCS0	<i>Mus musculus</i>
1889	O76537	<i>Trichoplusia ni</i>
1890	P09102	<i>Gallus gallus</i>
1891	P38660	<i>Mesocricetus auratus</i>
1892	P91745	<i>Lucilia cuprina</i>
1893	P94449	<i>Bacillus subtilis</i>
1894	Q02567	<i>Phanerochaete chrysosporium</i>
1895	P81498	<i>Suncus murinus</i>
1896	P00433	<i>Armoracia rusticana</i>
1897	O68900	<i>Escherichia coli</i> O44:H18
1898	P34095	<i>Entamoeba histolytica</i>
1899	P26216	<i>Zea mays</i>
1900	Q01129	<i>Rattus norvegicus</i>
1901	O00100	<i>Aspergillus terreus</i>
1902	O00092	<i>Neosartorya fumigata</i>
1903	P05307	<i>Bos taurus</i>
1904	P07237	<i>Homo sapiens</i>
1905	Q25255	<i>Lucilia cuprina</i>
1906	Q0P9X8	<i>Campylobacter jejuni</i> subsp. <i>jejuni</i> serotype O:2
1907	Q01172	<i>Aspergillus niger</i>
1908	P22864	<i>Aspergillus niger</i>
1909	Q4W1I8	<i>Zinnia violacea</i>
1910	P05164	<i>Homo sapiens</i>
1911	P07897	<i>Rattus norvegicus</i>
1912	Q765P4	<i>Holotrichia diomphalia</i>
1913	Q96PD5	<i>Homo sapiens</i>
1914	Q9XTN0	<i>Bombyx mori</i>
1915	P80109	<i>Bos taurus</i>
1916	P28581	<i>Morganella morganii</i>
1917	P80463	<i>Phaseolus lunatus</i>
1918	P34754	<i>Aspergillus niger</i>
1919	Q70LM3	<i>Phlebia radiata</i>

1920	P78733	Phanerochaete chrysosporium
1921	P81497	Suncus murinus
1922	P08176	Dermatophagoides pteronyssinus
1923	P10820	Mus musculus
1924	Q24824	Entamoeba histolytica
1925	Q00293	Aspergillus tubingensis
1926	P20041	Ralstonia solanacearum
1927	P05117	Solanum lycopersicum
1928	Q6KF82	Homarus americanus
1929	P11889	Bacillus cereus
1930	Q56S59	Nicotiana tabacum
1931	P12273	Homo sapiens
1932	P20142	Homo sapiens
1933	Q9XIV8	Nicotiana tabacum
1934	Q07831	Entamoeba histolytica
1935	P16112	Homo sapiens
1936	P79208	Ovis aries
1937	P47853	Rattus norvegicus
1938	P12943	Desulfovibrio gigas
1939	P81941	Pseudopleuronectes americanus
1940	P02776	Homo sapiens
1941	O93233	Gloydius brevicaudus siniticus
1942	P82143	Gloydius brevicaudus siniticus
1943	Q9BX93	Homo sapiens
1944	P96740	Bacillus subtilis
1945	Q9VYX7	Drosophila melanogaster
1946	Q765P3	Holotrichia diomphalia
1947	Q9GL30	Bos taurus
1948	Q8NHP8	Homo sapiens
1949	P24802	Gallus gallus
1950	Q02809	Homo sapiens
1951	Q01269	Pseudomonas aeruginosa
1952	Q0TV31	Clostridium perfringens
1953	Q03178	Saccharomyces cerevisiae
1954	P20626	Corynebacterium pseudotuberculosis
1955	Q6KF81	Homarus americanus
1956	Q41015	Pisum sativum
1957	P49763	Homo sapiens
1958	Q9PWI4	Elaphe quadrivirgata
1959	A1XRN2	Atropoides nummifer
1960	P81054	Grifola frondosa
1961	P55058	Homo sapiens
1962	Q9LLT1	Juniperus virginiana

1963	P0C1C0	Pectobacterium carotovorum
1964	P34752	Aspergillus niger
1965	P97535	Rattus norvegicus
1966	Q9PWI3	Elaphe quadrivirgata
1967	P82144	Gloydius brevicaudus siniticus
1968	P18632	Cryptomeria japonica
1969	Q04681	Proteus mirabilis
1970	P21163	Elizabethkingia miricola
1971	P32722	Pseudomonas aeruginosa
1972	Q7BS42	Escherichia coli O44:H18
1973	Q03180	Saccharomyces cerevisiae
1974	Q8GT41	Platanus acerifolia
1975	P06867	Sus scrofa
1976	P39116	Bacillus subtilis
1977	Q6F4C6	Pinctada fucata
1978	P05695	Pseudomonas aeruginosa
1979	P29288	Rattus norvegicus
1980	P35483	Pseudomonas aeruginosa
1981	K4LAH1	Pseudomonas aeruginosa
1982	P09487	Bos taurus
1983	Q10E50	Oryza sativa subsp. japonica
1984	P21697	Synechocystis sp.
1985	P06868	Bos taurus
1986	P00747	Homo sapiens
1987	P81294	Juniperus ashei
1988	P22751	Dickeya chrysanthemi
1989	P80672	Campylobacter jejuni subsp. jejuni serotype O:2
1990	Q51485	Pseudomonas aeruginosa
1991	P0AFK9	Escherichia coli
1992	P42251	Bacillus subtilis
1993	P51740	Rattus norvegicus
1994	P08289	Rattus norvegicus
1995	Q90ZY0	Pseudopleuronectes americanus
1996	O57690	Protophthirus flavoviridis
1997	Q8AYA2	Bothrops moojeni
1998	P83326	Actinidia deliciosa
1999	P38008	Chlamydia trachomatis
2000	P13686	Homo sapiens
2001	P00635	Saccharomyces cerevisiae
2002	P19406	Bacillus subtilis
2003	P35482	Pseudomonas aeruginosa
2004	P05186	Homo sapiens

2005	Q9TW32	Dictyostelium discoideum
2006	P33579	Rattus norvegicus
2007	Q13162	Homo sapiens
2008	P01239	Bos taurus
2009	P17572	Meleagris gallopavo
2010	P54660	Dictyostelium discoideum
2011	P37726	Pseudomonas fluorescens
2012	Q12546	Aspergillus ficuum
2013	P07102	Escherichia coli
2014	P15693	Rattus norvegicus
2015	P09923	Homo sapiens
2016	P10619	Homo sapiens
2017	P13727	Homo sapiens
2018	P27177	Gallus gallus
2019	P09319	Oreochromis mossambicus
2020	P48096	Salmo salar
2021	Q949Y3	Arabidopsis thaliana
2022	Q01682	Schizosaccharomyces pombe
2023	P10163	Homo sapiens
2024	P09318	Oreochromis mossambicus
2025	P58294	Homo sapiens
2026	P81264	Bos taurus
2027	Q09131	Glycine max
2028	P19405	Bacillus subtilis
2029	P19111	Bos taurus
2030	P29523	Bombyx mori
2031	P23284	Homo sapiens
2032	P09585	Cyprinus carpio
2033	P01238	Sus scrofa
2034	Q9HC23	Homo sapiens
2035	P02810	Homo sapiens
2036	P31133	Escherichia coli
2037	P0AFL3	Escherichia coli
2038	P80311	Bos taurus
2039	Q01490	Orpinomyces sp.
2040	P34207	Rattus norvegicus
2041	Q99935	Homo sapiens
2042	P0AFM2	Escherichia coli
2043	P04280	Homo sapiens
2044	P31083	Synechococcus sp.
2045	P35495	Sus scrofa
2046	P35496	Sus scrofa
2047	Q868Z9	Drosophila melanogaster

2048	P04284	<i>Solanum lycopersicum</i>
2049	P09586	<i>Mus musculus</i>
2050	P10279	<i>Bos taurus</i>
2051	P04925	<i>Mus musculus</i>
2052	P12420	<i>Equus caballus</i>
2053	P01236	<i>Homo sapiens</i>
2054	P01237	<i>Rattus norvegicus</i>
2055	P81295	<i>Juniperus ashei</i>
2056	P0A402	<i>Synechococcus elongatus</i>
2057	G3XDA8	<i>Pseudomonas aeruginosa</i>
2058	O02853	<i>Bos taurus</i>
2059	Q95JC9	<i>Sus scrofa</i>
2060	Q9LD79	<i>Juniperus virginiana</i>
2061	P09489	<i>Serratia marcescens</i>
2062	P11472	<i>Synechococcus elongatus</i>
2063	P0A431	<i>Thermosynechococcus elongatus</i>
2064	P02781	<i>Rattus norvegicus</i>
2065	O43653	<i>Homo sapiens</i>
2066	Q968Z6	<i>Dictyostelium discoideum</i>
2067	P23857	<i>Escherichia coli</i>
2068	P0AG82	<i>Escherichia coli</i>
2069	O76942	<i>Encephalitozoon cuniculi</i>
2070	Q42502	<i>Solanum tuberosum</i>
2071	P01269	<i>Sus scrofa</i>
2072	P12729	<i>Dictyostelium discoideum</i>
2073	P02782	<i>Rattus norvegicus</i>
2074	P63090	<i>Rattus norvegicus</i>
2075	Q9I194	<i>Pseudomonas aeruginosa</i>
2076	P10549	<i>Synechocystis</i> sp.
2077	Q8DJE2	<i>Thermosynechococcus elongatus</i>
2078	P01268	<i>Bos taurus</i>
2079	P0C8G7	<i>Pomacea canaliculata</i>
2080	Q588Z1	<i>Sphingopyxis</i> sp.
2081	P41222	<i>Homo sapiens</i>
2082	P01270	<i>Homo sapiens</i>
2083	P0C8G6	<i>Pomacea canaliculata</i>
2084	Q46444	<i>Comamonas testosteroni</i>
2085	Q8GR64	<i>Pseudomonas putida</i>
2086	P21782	<i>Bos taurus</i>
2087	P10082	<i>Homo sapiens</i>
2088	P10631	<i>Rattus norvegicus</i>
2089	Q4W6G0	<i>Pseudomonas putida</i>
2090	P05451	<i>Homo sapiens</i>

2091	O09049	Mus musculus
2092	Q99969	Homo sapiens
2093	P86009	Dromaius novaehollandiae
2094	Q8WXF3	Homo sapiens
2095	P06281	Mus musculus
2096	P02925	Escherichia coli
2097	Q62703	Rattus norvegicus
2098	P64534	Escherichia coli
2099	P04090	Homo sapiens
2100	P27485	Sus scrofa
2101	P02752	Gallus gallus
2102	Q05186	Mus musculus
2103	P44737	Haemophilus influenzae
2104	P82943	Bos taurus
2105	Q6UW15	Homo sapiens
2106	P01347	Rattus norvegicus
2107	P01348	Sus scrofa
2108	P00797	Homo sapiens
2109	P10745	Homo sapiens
2110	P04916	Rattus norvegicus
2111	Q40772	Phytolacca americana
2112	P24817	Momordica charantia
2113	P20656	Saponaria officinalis
2114	Q8HY17	Sus scrofa
2115	P51456	Oryctolagus cuniculus
2116	Q7SZI7	Xenopus laevis
2117	P06912	Oryctolagus cuniculus
2118	P02879	Ricinus communis
2119	P21326	Mirabilis jalapa
2120	P25031	Rattus norvegicus
2121	Q9BYZ8	Homo sapiens
2122	Q9TRM8	Canis lupus familiaris
2123	P22969	Equus caballus
2124	P02753	Homo sapiens
2125	Q9S8P4	Pisum sativum
2126	P33185	Bryonia dioica
2127	Q5F0I3	Gynostemma pentaphyllum
2128	P10297	Phytolacca americana
2129	P98184	Bryonia dioica
2130	Q00017	Aspergillus aculeatus
2131	Q8RJP2	Dickeya dadantii
2132	P24476	Dianthus caryophyllus
2133	P24478	Trichosanthes kirilowii

2134	P09989	Trichosanthes kirilowii
2135	P16094	Momordica charantia
2136	Q9HB40	Homo sapiens
2137	P56626	Trichosanthes anguina
2138	Q6EH50	Phytolacca heterotepala
2139	P93543	Sambucus nigra
2140	P61823	Bos taurus
2141	P00655	Aspergillus giganteus
2142	P07998	Homo sapiens
2143	P15468	Sus scrofa
2144	P00652	Aspergillus clavatus
2145	P80022	Solanum lycopersicum
2146	A5HAK0	Danio rerio
2147	P00683	Mus musculus
2148	P67876	Aspergillus restrictus
2149	O80323	Pyrus pyrifolia
2150	P08904	Bos taurus
2151	P11916	Lithobates catesbeiana
2152	P08056	Rhizopus niveus
2153	P10281	Aspergillus oryzae
2154	O86308	Micrococcus luteus
2155	P00669	Bos taurus
2156	P34096	Homo sapiens
2157	P60153	Homo sapiens
2158	P39873	Bos taurus
2159	Q7M438	Dictyostelium discoideum
2160	P10282	Gibberella fujikuroi
2161	P00684	Rattus norvegicus
2162	P83618	Panax ginseng
2163	P10153	Homo sapiens
2164	P21338	Escherichia coli
2165	P00651	Aspergillus oryzae
2166	P42813	Arabidopsis thaliana
2167	Q9PVW8	Silurus asotus
2168	Q04672	Glycine max
2169	Q4TUA4	Mesobuthus martensii
2170	P23389	Bos taurus
2171	Q9BZR6	Homo sapiens
2172	P02739	Neovison vison
2173	P19708	Canis lupus familiaris
2174	P81608	Sus scrofa
2175	Q8FDW4	Escherichia coli O6:H1
2176	Q86SC0	Oryctes rhinoceros

2177	O35314	<i>Rattus norvegicus</i>
2178	P15223	<i>Centruroides noxius</i>
2179	P56611	<i>Tityus bahiensis</i>
2180	P60212	<i>Tityus obscurus</i>
2181	Q7YXD3	<i>Androctonus mauritanicus</i> <i>mauritanicus</i>
2182	P05366	<i>Mus musculus</i>
2183	P0DJI8	<i>Homo sapiens</i>
2184	P35541	<i>Bos taurus</i>
2185	P02743	<i>Homo sapiens</i>
2186	P16933	<i>Schizophyllum commune</i>
2187	Q9UAC8	<i>Mesobuthus martensii</i>
2188	C9X4K7	<i>Tityus discrepans</i>
2189	Q8RUW5	<i>Arabidopsis thaliana</i>
2190	B7SNV8	<i>Parabuthus granulatus</i>
2191	B7JAQ0	<i>Acidithiobacillus ferrooxidans</i>
2192	P19707	<i>Felis catus</i>
2193	Q04791	<i>Anas platyrhynchos</i>
2194	Q9UAC9	<i>Mesobuthus martensii</i>
2195	Q9SW93	<i>Lilium longiflorum</i>
2196	Q9NBW2	<i>Mesobuthus martensii</i>
2197	P05060	<i>Homo sapiens</i>
2198	C9X4J9	<i>Tityus discrepans</i>
2199	C9X4K1	<i>Tityus discrepans</i>
2200	P45662	<i>Centruroides noxius</i>
2201	P60215	<i>Tityus obscurus</i>
2202	Q8WRY4	<i>Centruroides limpidus limpidus</i>
2203	Q5D710	<i>Scylla serrata</i>
2204	O34344	<i>Bacillus subtilis</i>
2205	P31532	<i>Mus musculus</i>
2206	P02740	<i>Anas platyrhynchos</i>
2207	P07602	<i>Homo sapiens</i>
2208	P31226	<i>Lithobates catesbeiana</i>
2209	Q86SE1	<i>Androctonus amoreuxi</i>
2210	Q5MJP5	<i>Anuroctonus phaiodactylus</i>
2211	P45697	<i>Mesobuthus martensii</i>
2212	P56612	<i>Tityus stigmurus</i>
2213	P01484	<i>Androctonus australis</i>
2214	P01480	<i>Androctonus australis</i>
2215	P17728	<i>Leiurus quinquestriatus hebraeus</i>
2216	P22629	<i>Streptomyces avidinii</i>
2217	P22340	<i>Salmonella typhimurium</i>
2218	P01492	<i>Centruroides sculpturatus</i>

2219	Q2NME3	Tityus zulianus
2220	B7FDP2	Centruroides suffusus suffusus
2221	P84693	Tityus obscurus
2222	P84685	Tityus obscurus
2223	O61705	Mesobuthus martensii
2224	P01491	Centruroides sculpturatus
2225	P29457	Rattus norvegicus
2226	P13430	Escherichia coli O6:K15:H31
2227	P02784	Bos taurus
2228	O46162	Schistocerca gregaria
2229	Q7Z0H4	Mesobuthus martensii
2230	P01495	Centruroides noxius
2231	Q86SD9	Androctonus amoreuxi
2232	P01494	Centruroides sculpturatus
2233	P60213	Tityus obscurus
2234	P45658	Androctonus australis
2235	P84688	Tityus obscurus
2236	O76192	Galleria mellonella
2237	O95968	Homo sapiens
2238	Q6XE38	Homo sapiens
2239	O52057	Allochromatium vinosum
2240	Q5HEA4	Staphylococcus aureus
2241	P0C175	Tityus serrulatus
2242	C9X4J8	Tityus discrepans
2243	P01479	Androctonus australis
2244	Q86SE0	Androctonus amoreuxi
2245	P01493	Centruroides sculpturatus
2246	O77463	Tityus serrulatus
2247	Q96HF1	Homo sapiens
2248	Q6UW10	Homo sapiens
2249	P42579	Lymnaea stagnalis
2250	P01497	Androctonus australis
2251	O61668	Mesobuthus martensii
2252	P15147	Androctonus australis
2253	Q26292	Leiurus quinquestriatus hebraeus
2254	Q56TT9	Hottentotta judaicus
2255	C9X4K4	Tityus discrepans
2256	O75711	Homo sapiens
2257	P60214	Tityus obscurus
2258	P0DMM8	Tityus trivittatus
2259	Q9S1G7	Thauera selenatis
2260	P04557	Bos taurus
2261	P81019	Bos taurus

2262	P06908	<i>Canis lupus familiaris</i>
2263	P02780	<i>Rattus norvegicus</i>
2264	O52179	<i>Allochroa matium vinosum</i>
2265	Q9Z4N3	<i>Salmonella typhimurium</i>
2266	Q6X5T3	<i>Bitis arietans</i>
2267	Q56EB1	<i>Bothrops jararaca</i>
2268	Q8AV98	<i>Protophrops flavoviridis</i>
2269	P35823	<i>Aeromonas salmonicida</i>
2270	Q7T045	<i>Macrovipera lebetina</i>
2271	Q8VSL2	<i>Shigella flexneri</i>
2272	Q8N474	<i>Homo sapiens</i>
2273	P04148	<i>Bombyx mori</i>
2274	Q28862	<i>Bos taurus</i>
2275	G4V4F9	<i>Cupiennius salei</i>
2276	P0A1Z2	<i>Salmonella typhimurium</i>
2277	Q56EB0	<i>Bothrops jararaca</i>
2278	Q9YI92	<i>Gloydus blomhoffii</i>
2279	Q9DEA1	<i>Deinagkistrodon acutus</i>
2280	W5XCJ6	<i>Macrovipera lebetina</i>
2281	E2DQZ5	<i>Protophrops jerdonii</i>
2282	Q4PRD1	<i>Daboia siamensis</i>
2283	P0AGC3	<i>Escherichia coli</i>
2284	P60042	<i>Rattus norvegicus</i>
2285	Q92765	<i>Homo sapiens</i>
2286	P35248	<i>Rattus norvegicus</i>
2287	O52055	<i>Allochroa matium vinosum</i>
2288	P19855	<i>Leiurus quinquestriatus quinquestriatus</i>
2289	P56637	<i>Hottentotta judaicus</i>
2290	P0AEU7	<i>Escherichia coli</i>
2291	Q9SU40	<i>Arabidopsis thaliana</i>
2292	P23806	<i>Protophrops flavoviridis</i>
2293	P38538	<i>Brevibacillus choshinensis</i>
2294	P09333	<i>Brevibacillus brevis</i>
2295	O93427	<i>Crotalus durissus terrificus</i>
2296	Q9YGN4	<i>Gloydus brevicaudus</i>
2297	W5XDM0	<i>Macrovipera lebetina</i>
2298	Q8KIL1	<i>Gluconobacter thailandicus</i>
2299	P03973	<i>Homo sapiens</i>
2300	P01245	<i>Equus caballus</i>
2301	P01241	<i>Homo sapiens</i>
2302	Q96QR1	<i>Homo sapiens</i>
2303	P15196	<i>Oryctolagus cuniculus</i>

2304	P24336	Hottentotta judaicus
2305	E2DQZ6	Protobothrops jerdonii
2306	Q4PRD2	Daboia siamensis
2307	P97430	Mus musculus
2308	I7ICN3	Bitis rhinoceros
2309	P01242	Homo sapiens
2310	P08899	Anguilla japonica
2311	P01248	Sus scrofa
2312	Q8KDM7	Chlorobium tepidum
2313	O75556	Homo sapiens
2314	P81238	Rhodobacter sphaeroides
2315	O62605	Galleria mellonella
2316	Q9XY87	Mesobuthus martensii
2317	Q8AV97	Protobothrops flavoviridis
2318	P38059	Lactobacillus helveticus
2319	Q9YGG9	Gloydus blomhoffii
2320	D1MGU0	Protobothrops jerdonii
2321	Q9DEA2	Deinagkistrodon acutus
2322	P0A3V1	Bacillus cereus
2323	Q696W1	Macrovipera lebetina
2324	P02814	Homo sapiens
2325	P00446	Photobacterium leiognathi
2326	Q7TMF5	Mus musculus
2327	P29392	Bos taurus
2328	P16225	Sus scrofa
2329	P04278	Homo sapiens
2330	Q15465	Homo sapiens
2331	P55000	Homo sapiens
2332	Q9I840	Calloselasma rhodostoma
2333	D7UQ40	Alternaria solani
2334	P01246	Bos taurus
2335	P21919	Gadus morhua
2336	D7A6E5	Starkeya novella
2337	P07759	Mus musculus
2338	P0C0J0	Streptococcus pyogenes
2339	P09486	Homo sapiens
2340	P23807	Protobothrops flavoviridis
2341	P49051	Bacillus anthracis
2342	Q38L02	Daboia siamensis
2343	Q7T2Q0	Echis multisquamatus
2344	P01170	Lophius americanus
2345	P15453	Brucella abortus biovar 1
2346	P34745	Ictalurus punctatus

2347	P51688	Homo sapiens
2348	O43278	Homo sapiens
2349	P43131	Brevibacillus choshinensis
2350	Q2FXC2	Staphylococcus aureus
2351	Q2FXC4	Staphylococcus aureus
2352	Q2FXC8	Staphylococcus aureus
2353	O93426	Crotalus durissus terrificus
2354	Q9YGN5	Gloydus brevicaudus
2355	Q8JGT6	Protopharyngodon marmoratus
2356	I7JUQ0	Bitis rhinoceros
2357	Q9IAM1	Deinagkistrodon acutus
2358	Q82S91	Nitrosomonas europaea
2359	P0AGD1	Escherichia coli
2360	P10813	Lithobates catesbeiana
2361	O33434	Paracoccus pantotrophus
2362	Q939U1	Rhodovulum sulfidophilum
2363	Q9NAX4	Dictyostelium discoideum
2364	B9A8D7	Crassostrea virginica
2365	P36233	Oryctolagus cuniculus
2366	P16975	Rattus norvegicus
2367	Q966V2	Halocynthia roretzi
2368	P77754	Escherichia coli
2369	P09350	Physarum polycephalum
2370	P01006	Streptomyces albogriseolus
2371	Q3UN54	Mus musculus
2372	P13432	Rattus norvegicus
2373	P01168	Sus scrofa
2374	Q8MP06	Tyria jacobaeae
2375	P10607	Oncorhynchus kisutch
2376	P34746	Oreochromis mossambicus
2377	P67930	Ovis aries
2378	P20362	Paralichthys olivaceus
2379	Q8RLX0	Chlorobaculum thiosulfatophilum
2380	P06654	Streptococcus sp. group G
2381	Q8CEK3	Mus musculus
2382	P08375	Sarcophaga peregrina
2383	P10298	Cyprinus carpio
2384	P33093	Macaca mulatta
2385	Q9BQB4	Homo sapiens
2386	P15270	Dictyostelium discoideum
2387	P20112	Sus scrofa
2388	P10124	Homo sapiens
2389	Q6X4U4	Homo sapiens

2390	Q08IS0	Hydrogenophilus thermoluteolus
2391	Q9TTE1	Bos taurus
2392	P22323	Cavia porcellus
2393	P05545	Rattus norvegicus
2394	P50470	Streptococcus pyogenes serotype M1
2395	P23061	Choristoneura biennis entomopoxvirus
2396	Q2FXC3	Staphylococcus aureus
2397	Q27967	Bos taurus
2398	Q55025	Synechococcus elongatus
2399	P83544	Streptomyces mobaraensis
2400	P61153	Streptomyces lividans
2401	P02808	Homo sapiens
2402	P18417	Catharanthus roseus
2403	P02906	Salmonella typhimurium
2404	P04189	Bacillus subtilis
2405	B3STN7	Nosema bombycis
2406	Q8NKX2	Streptococcus pyogenes serotype M18
2407	Q30HU9	Crassostrea virginica
2408	Q05894	Heliothis armigera entomopoxvirus
2409	P07214	Mus musculus
2410	Q2FZL3	Staphylococcus aureus
2411	P02783	Rattus norvegicus
2412	Q90WJ9	Takifugu pardalis
2413	Q8T9R8	Stomoxys calcitrans
2414	P35706	Streptomyces longisporus
2415	P52823	Homo sapiens
2416	P0AG78	Escherichia coli
2417	Q8NBK3	Homo sapiens
2418	P0ABZ6	Escherichia coli
2419	P07767	Staphylococcus aureus
2420	P00779	Streptococcus dysgalactiae subsp. equisimilis
2421	P53616	Saccharomyces cerevisiae
2422	B3STN5	Nosema bombycis
2423	E7CLP2	Rhopalurus junceus
2424	P23564	Paenibacillus alvei
2425	Q9U8X3	Tachypleus tridentatus
2426	P0C2E9	Clostridium perfringens
2427	Q3YBN2	Mesocricetus auratus
2428	Q06987	Neisseria meningitidis serogroup B
2429	P25068	Bos taurus

2430	P13385	Homo sapiens
2431	Q7Z0T3	Aplysia californica
2432	P05452	Homo sapiens
2433	Q5D231	Illawarra wisharti
2434	P78581	Aspergillus oryzae
2435	Q27270	Tenebrio molitor
2436	P0ADA1	Escherichia coli
2437	P04155	Homo sapiens
2438	P14214	Tachypleus tridentatus
2439	P24821	Homo sapiens
2440	P14213	Tachypleus tridentatus
2441	P10646	Homo sapiens
2442	Q9XSC9	Bos taurus
2443	P20062	Homo sapiens
2444	Q07654	Homo sapiens
2445	P01544	Triticum aestivum
2446	Q9NBW4	Theromyzon tessulatum
2447	P27477	Synechococcus elongatus
2448	Q9VMD9	Drosophila melanogaster
2449	Q06988	Neisseria meningitidis serogroup B
2450	E1VBK1	Halomonas elongata
2451	Q9YH85	Gallus gallus
2452	O08523	Mus musculus
2453	P01359	Sus scrofa
2454	Q6T6C2	Theromyzon tessulatum
2455	Q9U8W7	Tachypleus tridentatus
2456	Q5EPH2	Rhipicephalus bursa
2457	P15242	Rattus norvegicus
2458	Q9UVI4	Claviceps fusiformis
2459	P01830	Rattus norvegicus
2460	P16035	Homo sapiens
2461	P16368	Bos taurus
2462	P27654	Saccharomyces cerevisiae
2463	P0A855	Escherichia coli
2464	P48307	Homo sapiens
2465	P05543	Homo sapiens
2466	Q8GTB6	Cannabis sativa
2467	Q6T6C1	Theromyzon tessulatum
2468	P01538	Viscum album
2469	P01545	Hordeum vulgare
2470	P01543	Triticum aestivum
2471	P01831	Mus musculus
2472	Q92563	Homo sapiens

2473	P31110	<i>Oryza sativa</i> subsp. <i>japonica</i>
2474	P50694	<i>Prunus avium</i>
2475	O95407	<i>Homo sapiens</i>
2476	P42705	<i>Canis lupus familiaris</i>
2477	P35625	<i>Homo sapiens</i>
2478	Q5JIZ5	<i>Thermococcus kodakarensis</i>
2479	P02789	<i>Gallus gallus</i>
2480	P02787	<i>Homo sapiens</i>
2481	P24627	<i>Bos taurus</i>
2482	P14632	<i>Sus scrofa</i>
2483	Q9XD84	<i>Escherichia coli</i> O78:H11
2484	Q9U8W8	<i>Tachypleus tridentatus</i>
2485	P81370	<i>Actinidia deliciosa</i>
2486	Q8MMG9	<i>Pimpla hypochondriaca</i>
2487	P01033	<i>Homo sapiens</i>
2488	P30120	<i>Rattus norvegicus</i>
2489	P26652	<i>Gallus gallus</i>
2490	Q9GZM7	<i>Homo sapiens</i>
2491	O80327	<i>Pyrus pyrifolia</i>
2492	P11439	<i>Pseudomonas aeruginosa</i>
2493	O14798	<i>Homo sapiens</i>
2494	P38683	<i>Escherichia coli</i>
2495	P00750	<i>Homo sapiens</i>
2496	O00300	<i>Homo sapiens</i>
2497	P80426	<i>Salmo salar</i>
2498	P19134	<i>Oryctolagus cuniculus</i>
2499	P02788	<i>Homo sapiens</i>
2500	P08582	<i>Homo sapiens</i>
2501	Q02942	<i>Blaberus discoidalis</i>
2502	P22297	<i>Manduca sexta</i>
2503	P00760	<i>Bos taurus</i>
2504	O14773	<i>Homo sapiens</i>
2505	D3RVD4	<i>Allochromatium vinosum</i>
2506	O55245	<i>Crocodylus porosus</i>
2507	P31779	<i>Lithobates catesbeiana</i>
2508	P55955	<i>Caenorhabditis elegans</i>
2509	Q4LCS9	<i>Androctonus australis</i>
2510	O46167	<i>Eratigena agrestis</i>
2511	I6S7G5	<i>Scolopendra mutilans</i>
2512	P12346	<i>Rattus norvegicus</i>
2513	Q26643	<i>Sarcophaga peregrina</i>
2514	P35441	<i>Mus musculus</i>
2515	Q05895	<i>Mus musculus</i>

2516	Q924B5	<i>Rattus norvegicus</i>
2517	I6RU32	<i>Scolopendra mutilans</i>
2518	P02767	<i>Rattus norvegicus</i>
2519	P58912	<i>Phyllodiscus semoni</i>
2520	Q08127	<i>Anguilla anguilla</i>
2521	P01222	<i>Homo sapiens</i>
2522	P02766	<i>Homo sapiens</i>
2523	E7BLC7	<i>Androctonus crassicauda</i>
2524	C0K3N1	<i>Bitis arietans</i>
2525	P37240	<i>Oncorhynchus mykiss</i>
2526	P01224	<i>Sus scrofa</i>
2527	O46654	<i>Sorex araneus</i>
2528	P49125	<i>Latrodectus tredecimguttatus</i>
2529	I6RA76	<i>Scolopendra mutilans</i>
2530	P0DMD3	<i>Scolopendra mutilans</i>
2531	P01223	<i>Bos taurus</i>
2532	P49141	<i>Monodelphis domestica</i>
2533	A9Q0M7	<i>Streptococcus uberis</i>
2534	P98066	<i>Homo sapiens</i>
2535	Q9JMI7	<i>Mus musculus</i>
2536	Q4LCS8	<i>Androctonus australis</i>
2537	O95881	<i>Homo sapiens</i>
2538	I6S390	<i>Scolopendra mutilans</i>
2539	Q9RU24	<i>Deinococcus radiodurans</i>
2540	Q09140	<i>Schizosaccharomyces pombe</i>
2541	P27731	<i>Gallus gallus</i>
2542	Q29616	<i>Macropus giganteus</i>
2543	B7ZS96	<i>Xenopus laevis</i>
2544	G5ED35	<i>Caenorhabditis elegans</i>
2545	I6S7I0	<i>Scolopendra mutilans</i>
2546	P67861	<i>Daboia russelii</i>
2547	Q03405	<i>Homo sapiens</i>
2548	P00749	<i>Homo sapiens</i>
2549	P07024	<i>Escherichia coli</i>
2550	P11684	<i>Homo sapiens</i>
2551	Q09332	<i>Drosophila melanogaster</i>
2552	P81828	<i>Rattus norvegicus</i>
2553	P21814	<i>Ovis aries</i>
2554	Q99ML8	<i>Mus musculus</i>
2555	Q9JLA3	<i>Rattus norvegicus</i>
2556	P35777	<i>Solenopsis invicta</i>
2557	Q47706	<i>Escherichia coli</i>
2558	P19425	<i>Aedes aegypti</i>

2559	P83234	Ophiophagus hannah
2560	Q28388	Equus caballus
2561	Q48245	Helicobacter pylori
2562	P15691	Bos taurus
2563	Q16927	Aedes aegypti
2564	C1IC50	Walterinnesia aegyptia
2565	P02779	Oryctolagus cuniculus
2566	Q6UXB2	Homo sapiens
2567	Q6T6T5	Bitis gabonica
2568	B2G331	Heteractis crispa
2569	Q90WA1	Pseudonaja textilis textilis
2570	Q9Z0K8	Mus musculus
2571	P35775	Solenopsis invicta
2572	P35759	Polistes exclamans
2573	Q6RG02	Fenneropenaeus merguensis
2574	C1IC53	Walterinnesia aegyptia
2575	P0C1X2	Conus striatus
2576	B2KTG1	Bungarus fasciatus
2577	P86870	Vespa magnifica
2578	P68638	Vaccinia virus
2579	P00992	Vipera ammodytes ammodytes
2580	Q7Z5L0	Homo sapiens
2581	P02774	Homo sapiens
2582	P22458	Oryctolagus cuniculus
2583	P22865	Lactococcus lactis subsp. cremoris
2584	P0DL40	Vespa magnifica
2585	Q589G4	Anoplius samariensis
2586	B1B5I8	Stichodactyla haddoni
2587	A8Y7P1	Daboia siamensis
2588	P00987	Bungarus multicinctus
2589	P00989	Bungarus multicinctus
2590	O64392	Triticum aestivum
2591	P35778	Solenopsis invicta
2592	P84843	Hybomitra bimaculata
2593	I2C090	Ophiophagus hannah
2594	P16612	Rattus norvegicus
2595	C1IC52	Walterinnesia aegyptia
2596	B6RLX2	Ophiophagus hannah
2597	Q7T2Q6	Bungarus flaviceps flaviceps
2598	B7S4N9	Oxyuranus scutellatus scutellatus
2599	Q8WQK0	Cotesia rubecula
2600	O70280	Rattus norvegicus
2601	Q09022	Xenopus laevis

2602	A2SY66	<i>Vicia sativa</i> subsp. <i>nigra</i>
2603	P00991	<i>Vipera ammodytes ammodytes</i>
2604	Q6T6S5	<i>Bitis gabonica</i>
2605	Q90WA0	<i>Pseudonaja textilis textilis</i>
2606	P21614	<i>Mus musculus</i>
2607	P01174	<i>Rattus norvegicus</i>
2608	Q9UBD3	<i>Homo sapiens</i>
2609	P33557	<i>Aspergillus kawachii</i>
2610	P07529	<i>Cryptococcus albidus</i>
2611	P42660	<i>Aedes aegypti</i>
2612	P49767	<i>Homo sapiens</i>
2613	P29788	<i>Mus musculus</i>
2614	P04275	<i>Homo sapiens</i>
2615	K7XWG4	Rat cytomegalovirus
2616	O76076	<i>Homo sapiens</i>
2617	Q53NL5	<i>Oryza sativa</i> subsp. <i>japonica</i>
2618	P37387	<i>Escherichia coli</i>
2619	Q9HGE1	<i>Humicola grisea</i> var. <i>thermoidea</i>
2620	P02896	<i>Trypanosoma brucei brucei</i>
2621	P48819	<i>Sus scrofa</i>
2622	Q7TQN3	<i>Mus musculus</i>
2623	Q76BW5	<i>Oryza sativa</i> subsp. <i>japonica</i>
2624	A4QD57	<i>Corynebacterium glutamicum</i>
2625	O46655	<i>Sus scrofa</i>
2626	O64393	<i>Triticum aestivum</i>
2627	Q8L5C6	<i>Triticum aestivum</i>
2628	Q6YDN9	<i>Brassica oleracea</i> var. <i>botrytis</i>
2629	P23030	<i>Cellvibrio japonicus</i>
2630	P35811	<i>Fibrobacter succinogenes</i>
2631	P04004	<i>Homo sapiens</i>
2632	Q9AQS0	<i>Bacillus</i> sp.
2633	P36917	<i>Thermoanaerobacterium saccharolyticum</i>
2634	P26515	<i>Streptomyces lividans</i>
2635	Q8J0K5	<i>Talaromyces funiculosus</i>
2636	Q28631	<i>Oryctolagus cuniculus</i>
2637	P54423	<i>Bacillus subtilis</i>
2638	Q3MUH7	<i>Paenibacillus</i> sp.
2639	P40943	<i>Geobacillus stearothermophilus</i>
2640	Q8NJ73	<i>Magnaporthe grisea</i>
2641	P26514	<i>Streptomyces lividans</i>
2642	P23031	<i>Cellvibrio japonicus</i>
2643	P45796	<i>Paenibacillus polymyxa</i>

2644	Q9S7Y7	<i>Arabidopsis thaliana</i>
2645	P07528	<i>Bacillus halodurans</i>
2646	P23360	<i>Thermoascus aurantiacus</i>
2647	Q45071	<i>Bacillus subtilis</i>
2648	Q41638	<i>Phaseolus angularis</i>
2649	Q2PGV8	<i>Aureobasidium pullulans</i>
2650	W0HJ53	<i>Rhizopus oryzae</i>
2651	P33559	<i>Aspergillus kawachii</i>
2652	Q2PGY1	<i>Penicillium citrinum</i>
2653	P44276	<i>Haemophilus influenzae</i>
2654	A4QFQ3	<i>Corynebacterium glutamicum</i>
2655	P43972	<i>Haemophilus influenzae</i>
2656	Q57449	<i>Haemophilus influenzae</i>
2657	P94421	<i>Bacillus subtilis</i>
2658	P0AAX8	<i>Escherichia coli</i>
2659	P0A8X2	<i>Escherichia coli</i>
2660	P0ADU5	<i>Escherichia coli</i>
2661	P37648	<i>Escherichia coli</i>
2662	P33219	<i>Escherichia coli</i>
2663	O31737	<i>Bacillus subtilis</i>
2664	P77269	<i>Escherichia coli</i>
2665	P76172	<i>Escherichia coli</i>
2666	P76520	<i>Escherichia coli</i>
2667	O31803	<i>Bacillus subtilis</i>
2668	P96729	<i>Bacillus subtilis</i>
2669	P76344	<i>Escherichia coli</i>
2670	P39172	<i>Escherichia coli</i>
2671	P54484	<i>Bacillus subtilis</i>
2672	P39325	<i>Escherichia coli</i>
2673	Q59Y31	<i>Candida albicans</i>
2674	P42111	<i>Bacillus subtilis</i>
2675	Q9UK55	<i>Homo sapiens</i>
2676	P0AAA9	<i>Escherichia coli</i>
2677	P25311	<i>Homo sapiens</i>
2678	O60844	<i>Homo sapiens</i>
2679	P39187	<i>Escherichia coli</i>
2680	P94356	<i>Bacillus subtilis</i>
2681	P44526	<i>Haemophilus influenzae</i>
2682	Q60736	<i>Mus musculus</i>
2683	P33679	<i>Zea mays</i>