

### CONCORDANCE - United States to International Patent Classification

U.S.			IPC			U.S.			IPC			U.S.			IPC						
Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation				
<b>U.S. CLASS 433--Con.</b>																					
31	A 61 C	1 / 00		A 61 C	13 / 225		G 09 B	11 / 02	345-354	G 09 B	3 / 00	47	C 12 P	35 / 00							
32	A 61 C	19 / 00	184-188	A 61 C	13 / 24	167	G 09 B	1 / 00	353-362	G 09 B	7 / 00	48	C 12 P	35 / 08							
33	A 61 G	15 / 00	189	A 61 C	13 / 235		G 09 B	19 / 00	357	G 09 B	3 / 00	49	C 12 P	35 / 06							
34	A 61 C	19 / 00	190	A 61 C	13 / 225	168	G 09 B	1 / 08	360-361	G 09 B	3 / 00	50	C 12 P	35 / 04							
35-38	A 61 C	9 / 00	191-196	A 61 C	13 / 10		G 09 B	1 / 38	363-364	G 09 B	3 / 00	51	C 12 P	35 / 02							
39	A 61 C	5 / 04	197-198	A 61 C	13 / 08	169	G 09 B	5 / 00	365-407	G 09 B	25 / 00	52	C 12 P	33 / 00							
40-48	A 61 C	9 / 00	199.1-200.1	A 61 C	13 / 00	170	G 09 B	1 / 00	408-409	B 43 L	1 / 00	53	C 12 P	33 / 20							
49	A 61 C	1 / 14	201.1	A 61 C	8 / 00	171	G 09 B	1 / 36	410	B 43 L	1 / 12	54	C 12 P	33 / 12							
	A 61 C	3 / 04	202.1-212.1	A 61 C	13 / 08	172	G 09 B	1 / 00	411-421	B 43 L	1 / 00	55	C 12 P	33 / 16							
50	A 61 C	3 / 00	213	A 61 C	11 / 00	173	G 09 B	1 / 24	415	B 43 L	23 / 00	56	C 12 P	33 / 18							
51	A 61 C	3 / 06	214	A 61 C	9 / 00	174	G 09 B	1 / 00	417	B 43 L	21 / 00	57	C 12 P	33 / 14							
52	A 61 C	3 / 00	215	A 61 C	5 / 00	175	G 09 B	1 / 28	418	B 43 L	7 / 00	58	C 12 P	33 / 06							
53	A 61 C	19 / 00	216	A 61 C	15 / 00	176	G 09 B	3 / 02	422-425	B 43 L	1 / 02	59	C 12 P	33 / 08							
54-67	A 61 C	11 / 00	217.1	A 61 C	5 / 00		G 09 B	7 / 02	426-429	G 09 B	25 / 00	60	C 12 P	33 / 10							
59	A 61 C	19 / 00	218-222.1	A 61 C	5 / 08	177	A 63 F	9 / 00	430-431	G 09 B	29 / 00	61	C 12 P	33 / 02							
68-69	A 61 C	19 / 04	223	A 61 C	5 / 10	178	G 09 B	17 / 00	432	A 47 B	39 / 00	62	C 12 P	33 / 04							
70-71	A 61 C	9 / 00	224	A 61 C	5 / 02	179-181	G 09 B	17 / 04	433	A 47 B	41 / 00	63	C 12 P	31 / 00							
72-73	A 61 C	19 / 04	225-227	A 61 C	5 / 04	181-183	G 09 B	17 / 02		G 09 B	19 / 00	64	C 12 P	29 / 00							
74	A 61 C	19 / 00	228.1	A 61 C	5 / 00	183	G 09 B	17 / 04				65	C 12 P	27 / 00							
75	A 61 C	3 / 00	229	A 61 B	5 / 117	184	G 09 B	17 / 00				66	C 12 P	25 / 00							
76	A 61 C	3 / 02		A 61 C		185	G 09 B	19 / 04	<b>U.S. CLASS 435 CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY</b>									67	C 12 P	23 / 00	
77-79	A 61 C	13 / 38				186	G 09 B	23 / 00										68.1-69.1	C 12 P	21 / 06	
	A 61 G	15 / 00					G 09 B	25 / 00										69.2-69.4	C 12 N	15 / 09	
80	A 61 C	17 / 00					G 09 B	9 / 00	69.5	C 12 P	21 / 02										
	A 61 C	17 / 02					G 09 B	23 / 02	69.51-71.3	C 12 P	21 / 04										
	A 61 G	17 / 02					G 09 B	19 / 02	72	C 12 P	19 / 00										
	A 61 G	17 / 02					G 09 B	19 / 02	73	C 12 P	19 / 64										
81	A 61 C	5 / 02	1-10	G 09 B	9 / 00	190	G 09 B	1 / 08	1.1-1.3	A 01 N	1 / 02	74	C 12 P	19 / 44							
	A 61 G	5 / 02	3-10	G 01 S			G 09 B	1 / 38	2	A 01 N	1 / 02	75	C 12 P	19 / 60							
82	A 61 C	1 / 10	3-5	G 01 S	7 / 40	192	B 43 L	1 / 00	3	C 12 Q	3 / 00	76	C 12 P	19 / 62							
	A 61 C	1 / 12	6	G 01 S	7 / 52	193-196	G 09 B	1 / 00	4	C 12 Q	1 / 00	77	C 12 P	19 / 58							
	A 61 C	17 / 02	7-10	G 09 B	9 / 56	197	G 09 B	1 / 24	5	C 12 Q	1 / 70	78	C 12 P	19 / 56							
83	A 61 C	3 / 08	11-13	F 41 A	33 / 00	198-200	G 09 B	1 / 02	6.1-6.19	C 12 Q	1 / 68	79	C 12 P	19 / 46							
84-85	A 61 C	1 / 10	14-17	G 09 B	19 / 00	201	G 09 B	5 / 00	7.1	G 01 N	33 / 53	80	C 12 P	19 / 48							
	A 61 C	1 / 12	16	F 41 A	33 / 00	202-204	G 09 B	19 / 02	7.2	G 01 N	33 / 53	81	C 12 P	19 / 54							
	A 61 C	17 / 02		F 41 G	3 / 26	202	G 09 B	1 / 00	7.21	G 01 N	33 / 567	82	C 12 P	19 / 50							
86	A 61 C	1 / 07	18	F 41 A	33 / 00	203-204	G 06 C	1 / 00	7.22	G 01 N	33 / 53	83	C 12 P	19 / 52							
87	A 61 C	1 / 10	19-23	F 41 G	3 / 26	205-210	G 09 B	1 / 00		G 01 N	33 / 569	84	C 12 P	19 / 26							
	A 61 C	1 / 12	24-25	G 09 B	19 / 00		G 09 B	19 / 00	7.23	G 01 N	33 / 574	85	C 12 P	19 / 28							
	A 61 C	17 / 02	24-26	G 09 B	9 / 00	211-216	G 09 B	23 / 02	7.24-7.25	G 01 N	33 / 00	86	C 12 P	19 / 42							
88	A 61 C	3 / 02	24	F 41 A	33 / 00		G 09 B	23 / 04	7.3-7.31	G 01 N	33 / 53	87	C 12 P	19 / 38							
89-90	A 61 C	5 / 04	27	F 41 G	3 / 26	217-219	G 09 B	19 / 00		G 01 N	33 / 554	88	C 12 P	19 / 40							
91-97	A 61 C	17 / 06	28	G 01 S		217	G 09 B	23 / 00	7.32	G 01 N	33 / 554	89	C 12 P	19 / 30							
	A 61 C	17 / 14		G 09 B	9 / 00	218	G 09 B	25 / 00		G 01 N	33 / 569	90	C 12 P	19 / 36							
98-101	A 61 C	1 / 02		G 09 B	9 / 26		G 09 B	9 / 00		G 01 N	33 / 569	91	C 12 P	19 / 34							
102	A 61 C	5 / 02	29-71	G 09 B	19 / 16	220	G 09 B	19 / 14	7.33-7.35	G 01 N	33 / 569	91.1-91.33	C 12 P	19 / 34							
103-109	A 61 C	1 / 00	29	G 09 B	9 / 02	221	G 09 B	19 / 00	7.36	G 01 N	33 / 571	91.4	C 12 N	15 / 64							
110-111	A 61 C	1 / 06	30-59	G 09 B	9 / 08	222	G 09 B	19 / 26	7.37	G 01 N	33 / 569	91.41	C 12 N	15 / 64							
	A 61 C	1 / 08	60	G 09 B	9 / 06	223-226	G 09 B	19 / 00	7.4	G 01 N	33 / 573		C 12 N	15 / 66							
112	A 61 C	1 / 18	61-71	G 09 B	9 / 04	227-230	G 09 B	13 / 00	7.5-7.8	G 01 N	33 / 53	91.42	C 12 N	15 / 64							
113	A 61 C	1 / 04	72-80	G 09 B	25 / 00	231-232	G 09 B	13 / 02	7.9	G 01 N	33 / 53	91.5-91.53	C 12 P	19 / 34							
114	A 61 C	1 / 10	81-83	G 09 B	11 / 00	233	G 09 B	13 / 00		G 01 N	33 / 542	92	C 12 P	19 / 32							
	A 61 C	3 / 00	84	G 09 B	11 / 10	234-238	G 09 B	19 / 00		G 01 N	33 / 53	93	C 12 C	1 / 00							
115	A 61 C	1 / 05	85-87	G 09 B	11 / 00	234	G 09 B	25 / 02	7.91	G 01 N	33 / 00	94	C 12 P	19 / 24							
116	A 61 C	1 / 16	88	G 09 B	11 / 04	239-244	G 01 S		7.92-7.95	G 01 N	33 / 00	95	C 12 P	19 / 22							
117	A 61 C	1 / 08		G 09 B	11 / 06		G 09 B	9 / 00	8	C 12 Q	1 / 66	96	C 12 P	19 / 20							
118-124	A 61 C	1 / 07	89-92	G 09 B	11 / 00		G 09 B	9 / 26	9	C 12 Q	1 / 64	97	C 12 P	19 / 18							
	A 61 C	3 / 03	93	G 09 B	25 / 08	245-251	G 09 B	19 / 00	10	C 12 Q	1 / 62	98	C 12 P	19 / 16							
	A 61 C	3 / 08	94	G 09 B	19 / 10	246	A 44 C	23 / 00	11	C 12 Q	1 / 60	99	C 12 P	19 / 14							
125	A 61 C	3 / 06	95	G 09 B	19 / 20	247-251	A 63 B	69 / 00	12	C 12 Q	1 / 58	100	C 12 P	19 / 12							
126	A 61 C	1 / 08	96-106	G 09 B	19 / 00		G 09 B	9 / 00	13	C 12 Q	1 / 56	101	C 12 P	19 / 04							
127-129	A 61 C	1 / 14	107-110	G 09 B	19 / 18	252	A 63 B	69 / 36	14	C 12 Q	1 / 54	102	C 12 P	19 / 10							
130	A 61 C	1 / 12	111	G 01 C	21 / 02	253	A 63 B	69 / 18	15	C 12 Q	1 / 52	103	C 12 P	19 / 08							
131	A 61 C	1 / 00		G 01 C	21 / 24	254	A 63 B	69 / 10	16	C 12 Q	1 / 50	104	C 12 P	19 / 06							
132	A 61 C	1 / 05	112-114	G 09 B	21 / 00		A 63 B	69 / 12	17	C 12 Q	1 / 48	105	C 12 P	19 / 02							
133	A 61 C	1 / 12	115	G 09 B	21 / 02	255-259	G 09 B	19 / 00	18	C 12 Q	1 / 44	106	C 12 P	13 / 04							
134-135	A 61 C	3 / 06	116	G 06 K	9 / 00	260	G 09 B	19 / 24	19	C 12 Q	1 / 42	107	C 12 P	13 / 24							
136-137	A 61 C	5 / 14	117	G 09 B	21 / 00	261	G 09 B	19 / 00	20	C 12 Q	1 / 40	108	C 12 P	13 / 22							
138-139	A 61 C	5 / 12	118-127	G 09 B	19 / 00	262-275	G 09 B	23 / 28	21	C 12 Q	1 / 38	109	C 12 P	13 / 20							
140	A 61 C	5 / 00	126	G 09 B	25 / 00	276	G 09 B	23 / 00	22	C 12 Q	1 / 36	110	C 12 P	13 / 14							
141	A 61 C	3 / 00		G 09 B	9 / 00	277-282	G 09 B	23 / 26	23-24	C 12 Q	1 / 37										