

LOOP CLUSTER		redundancy	cluster number	APC score				LOOP CLUSTER		redundancy	cluster number	APC score				LOOP CLUSTER		redundancy	cluster number	APC score			
P-code	binary code			CONSENSUS				P-code	binary code			CONSENSUS				P-code	binary code			CONSENSUS			
				C	E	H	#					C	E	H	#					C	E	H	#
1	[1]	90	34270	52	13	30	5	121	[1111001]	90	184	62	19	17	2	275	[100010011]	90	54	63	16	15	5
3	[11]	90	16901	65	9	21	4	123	[1111011]	75	102	67	13	16	4	277	[100010101]	90	50	64	12	18	5
5	[101]	90	9521	63	11	24	3	125	[1111101]	90	102	68	14	11	7	279	[100010111]	90	33	58	18	11	13
7	[111]	90	7113	67	10	17	6	127	[1111111]	70	50	63	12	7	19	281	[100011001]	90	39	61	15	21	3
9	[1001]	90	4657	56	12	27	4	137	[10001001]	90	159	52	14	29	5	291	[100100011]	90	68	55	10	28	7
11	[1011]	90	3667	65	12	19	4	139	[10001011]	90	102	62	14	19	5	293	[100100101]	90	55	59	8	32	2
13	[1101]	90	3705	66	12	18	3	141	[10001101]	90	107	55	18	18	8	295	[100100111]	90	32	58	19	14	9
15	[1111]	75	2346	70	11	15	4	143	[10001111]	90	76	58	16	22	4	297	[100101001]	90	49	52	13	26	9
17	[10001]	90	1967	52	13	31	5	145	[10010001]	90	155	50	15	29	6	299	[100101011]	90	34	67	9	15	9
19	[10011]	90	1387	64	12	20	4	147	[10010011]	90	121	58	13	23	6	305	[100110001]	90	60	57	15	24	4
21	[10101]	90	1569	65	12	20	3	149	[10010101]	90	110	66	10	20	4	307	[100110011]	90	35	69	12	13	5
23	[10111]	90	1029	69	12	14	5	151	[10010111]	90	78	65	15	8	12	313	[100111001]	90	32	64	13	16	8
25	[11001]	90	1491	62	12	22	4	153	[10010001]	90	86	59	10	21	11	325	[101000101]	90	72	55	17	23	5
27	[11011]	85	1028	70	10	15	5	155	[10011011]	90	54	72	14	13	1	327	[101000111]	90	44	60	16	18	6
29	[11101]	90	1054	68	12	16	4	157	[10011101]	90	58	56	24	16	3	329	[101001001]	90	50	55	14	26	4
31	[11111]	90	777	73	12	10	5	163	[10100011]	90	116	63	16	16	5	331	[101001011]	90	41	69	9	20	2
35	[100011]	70	633	57	16	23	4	165	[10100101]	90	119	62	11	20	7	333	[101001101]	90	37	65	14	15	6
37	[100101]	90	737	61	12	22	5	167	[10100111]	90	79	65	15	15	4	337	[101010001]	90	51	58	17	22	4
39	[100111]	75	434	64	11	20	5	169	[10101001]	90	120	60	10	23	7	339	[101010011]	90	41	69	14	14	3
41	[101001]	90	762	59	12	25	4	171	[10101011]	90	80	68	11	16	5	355	[101100011]	90	62	62	16	18	4
43	[101011]	90	461	67	12	17	4	173	[10101101]	90	71	67	11	20	2	357	[101100101]	90	30	60	11	19	10
45	[101101]	90	470	66	12	18	4	175	[10101111]	80	40	65	14	14	7	359	[101100111]	90	31	70	18	8	4
47	[101111]	90	318	72	12	11	4	177	[10110001]	90	103	57	17	20	7	361	[101101001]	90	32	61	16	18	5
49	[110001]	90	709	54	13	28	5	179	[10110011]	90	83	64	16	15	5	363	[101101011]	90	38	71	10	12	7
51	[110011]	90	466	68	11	16	4	181	[10110101]	90	79	75	8	12	5	365	[101101101]	90	32	72	11	12	6
53	[110101]	90	440	66	11	20	3	183	[10110111]	90	48	67	14	10	9	369	[101110001]	90	35	60	18	16	6
55	[110111]	90	347	72	12	12	4	185	[10111001]	90	64	56	10	18	15	393	[110001001]	90	54	46	12	34	8
57	[111001]	90	510	63	10	21	6	187	[10111011]	90	58	64	21	11	4	395	[110001011]	90	49	50	11	24	14
59	[111011]	90	303	69	10	14	7	189	[10111101]	90	54	76	14	9	1	397	[110001101]	90	46	64	15	14	7
61	[111101]	90	358	65	12	18	5	197	[11000101]	90	140	59	13	24	4	399	[110001111]	90	38	64	17	16	3
63	[111111]	75	213	71	14	11	4	199	[11000111]	90	94	63	13	16	8	401	[110010001]	90	65	55	12	29	4
69	[1000101]	85	334	53	16	26	5	201	[11001001]	90	120	55	13	26	6	403	[110010011]	90	44	57	20	21	2
71	[1000111]	90	228	60	15	20	5	203	[11001011]	90	86	65	11	17	7	405	[110010101]	90	37	64	12	11	13
73	[1001001]	90	350	52	12	29	6	205	[11001101]	80	93	69	9	16	7	419	[110100011]	90	48	59	16	21	4
75	[1001011]	90	214	63	14	18	5	207	[11001111]	90	60	74	10	9	6	421	[110100101]	90	38	62	19	19	1
77	[1001101]	90	210	64	17	16	3	209	[11010001]	90	150	55	15	26	4	423	[110100111]	90	30	64	11	11	13
79	[1001111]	90	151	62	15	14	8	211	[11010011]	90	87	61	13	18	8	425	[110101001]	90	53	56	14	25	5
81	[1010001]	90	289	56	14	25	5	213	[11010101]	90	88	66	10	18	6	433	[110101001]	90	49	55	15	18	13
83	[1010011]	90	269	68	14	17	2	215	[11010111]	90	41	73	8	17	2	437	[11010101]	90	33	69	11	15	4
85	[1010101]	90	205	63	14	18	5	217	[11011001]	90	57	60	10	23	7	453	[111000101]	90	57	61	14	22	4
87	[1010111]	90	153	71	11	14	4	219	[11011011]	90	33	79	8	9	5	455	[111000111]	90	44	59	13	17	11
89	[1011001]	90	257	60	14	20	6	221	[11011101]	90	44	68	13	14	4	457	[111001001]	90	35	62	11	26	2
91	[1011011]	75	128	68	12	15	4	227	[11100011]	75	88	59	15	23	4	459	[111001011]	90	51	27	5	6	62
93	[1011101]	90	147	65	16	16	3	229	[11100101]	90	82	66	13	17	4	461	[111001101]	90	31	65	10	20	5
95	[1011111]	90	73	70	17	10	2	231	[11100111]	90	47	65	9	20	6	465	[111100001]	90	35	63	9	25	2
99	[1100011]	90	280	64	10	22	4	233	[11100101]	90	76	64	8	22	6	483	[111100011]	85	41	60	17	14	9
101	[1100101]	90	218	60	12	23	5	235	[11101011]	90	54	71	13	12	4	485	[111100101]	90	38	62	16	16	6
103	[1100111]	90	148	66	10	18	7	237	[11101101]	90	42	77	9	9	5	547	[1000100011]	90	38	54	16	24	7
105	[1101001]	90	282	59	13	24	5	239	[11101111]	90	30	68	10	17	5	553	[1000101001]	90	38	56	13	25	6
107	[1101011]	90	149	72	8	16	4	241	[11110001]	90	83	61	12	19	8	581	[1001000101]	90	35	53	11	26	10
109	[1101101]	90	146	69	12	14	5	243	[11110011]	90	52	62	12	23	4	585	[1001001001]	90	35	54	15	19	11
111	[1101111]	90	99	70	13	13	5	245	[11110101]	90	56	65	11	15	8	613	[1001100101]	90	32	59	16	17	8
113	[1110001]	90	253	54	15	25	6	249	[11111001]	90	43	67	8	16	9	649	[1010001001]	90	44	53	12	20	15
115	[1110011]	75	157	67	12	15	6	251	[11111011]	90	36	75	10	12	3	657	[1010010001]	90	38	54	16	27	2
117	[1110101]	90	160	69	10	17	4	253	[11111101]	85	34	65	14	13	8	659	[1010010011]	90	30	61	12	25	2
119	[1110111]	90	84	72	9	15	4	273	[100010001]	90	94	47	12	33	9								