

Supplemental Table 3

#CHR1 to CHRY	non motif	compl	CGIs, expected counts for random occurrences	CGIs, Observed counts
CHR1	CGAACG	CGTTTCG	15	480
CHR1	CGATCG		6	163
CHR1	CGACCG	CGGTTCG	14	944
CHR1	CGAGCG	CGCTTCG	27	2160
CHR1	CGGCCG		37	2808
CHR2	CGAACG	CGTTTCG	11	321
CHR2	CGATCG		4	107
CHR2	CGACCG	CGGTTCG	10	660
CHR2	CGAGCG	CGCTTCG	17	1633
CHR2	CGGCCG		24	2112
CHR3	CGAACG	CGTTTCG	6	248
CHR3	CGATCG		3	77
CHR3	CGACCG	CGGTTCG	6	475
CHR3	CGAGCG	CGCTTCG	10	1087
CHR3	CGGCCG		14	1369
CHR4	CGAACG	CGTTTCG	6	175
CHR4	CGATCG		3	50
CHR4	CGACCG	CGGTTCG	5	388
CHR4	CGAGCG	CGCTTCG	9	911
CHR4	CGGCCG		11	1172
CHR5	CGAACG	CGTTTCG	7	248
CHR5	CGATCG		3	84
CHR5	CGACCG	CGGTTCG	6	469
CHR5	CGAGCG	CGCTTCG	11	1097
CHR5	CGGCCG		15	1322
CHR6	CGAACG	CGTTTCG	7	258
CHR6	CGATCG		3	67
CHR6	CGACCG	CGGTTCG	7	432
CHR6	CGAGCG	CGCTTCG	12	1089
CHR6	CGGCCG		16	1368
CHR7	CGAACG	CGTTTCG	10	251
CHR7	CGATCG		4	98
CHR7	CGACCG	CGGTTCG	10	498
CHR7	CGAGCG	CGCTTCG	17	1282
CHR7	CGGCCG		25	1678
CHR8	CGAACG	CGTTTCG	7	179
CHR8	CGATCG		3	67
CHR8	CGACCG	CGGTTCG	7	376

CHR8	CGAGCG	CGCTCG	11	960
CHR8	CGGCCG		15	1235
CHR9	CGAACG	CGTTTCG	7	233
CHR9	CGATCG		3	78
CHR9	CGACCG	CGGTTCG	7	447
CHR9	CGAGCG	CGCTCG	13	1075
CHR9	CGGCCG		18	1380
CHR10	CGAACG	CGTTTCG	10	176
CHR10	CGATCG		4	79
CHR10	CGACCG	CGGTTCG	8	393
CHR10	CGAGCG	CGCTCG	15	1071
CHR10	CGGCCG		19	1363
CHR11	CGAACG	CGTTTCG	8	268
CHR11	CGATCG		4	79
CHR11	CGACCG	CGGTTCG	9	514
CHR11	CGAGCG	CGCTCG	16	1164
CHR11	CGGCCG		21	1546
CHR12	CGAACG	CGTTTCG	7	189
CHR12	CGATCG		3	69
CHR12	CGACCG	CGGTTCG	7	454
CHR12	CGAGCG	CGCTCG	13	894
CHR12	CGGCCG		17	1274
CHR13	CGAACG	CGTTTCG	3	92
CHR13	CGATCG		1	33
CHR13	CGACCG	CGGTTCG	2	214
CHR13	CGAGCG	CGCTCG	4	487
CHR13	CGGCCG		6	678
CHR14	CGAACG	CGTTTCG	4	166
CHR14	CGATCG		2	45
CHR14	CGACCG	CGGTTCG	4	324
CHR14	CGAGCG	CGCTCG	8	731
CHR14	CGGCCG		10	959
CHR15	CGAACG	CGTTTCG	5	145
CHR15	CGATCG		2	47
CHR15	CGACCG	CGGTTCG	5	339
CHR15	CGAGCG	CGCTCG	9	825
CHR15	CGGCCG		11	1082
CHR16	CGAACG	CGTTTCG	13	228
CHR16	CGATCG		5	69
CHR16	CGACCG	CGGTTCG	13	479
CHR16	CGAGCG	CGCTCG	26	1113
CHR16	CGGCCG		31	1583
CHR17	CGAACG	CGTTTCG	15	315
CHR17	CGATCG		8	117
CHR17	CGACCG	CGGTTCG	17	609
CHR17	CGAGCG	CGCTCG	33	1438
CHR17	CGGCCG		44	1932

CHR18	CGAACG	CGTTTCG	3	104
CHR18	CGATCG		1	33
CHR18	CGACCG	CGGTTCG	3	207
CHR18	CGAGCG	CGCTTCG	5	517
CHR18	CGGCCG		7	699
CHR19	CGAACG	CGTTTCG	21	377
CHR19	CGATCG		11	124
CHR19	CGACCG	CGGTTCG	31	688
CHR19	CGAGCG	CGCTTCG	55	1495
CHR19	CGGCCG		85	2028
CHR20	CGAACG	CGTTTCG	6	148
CHR20	CGATCG		3	57
CHR20	CGACCG	CGGTTCG	7	314
CHR20	CGAGCG	CGCTTCG	11	703
CHR20	CGGCCG		17	980
CHR21	CGAACG	CGTTTCG	2	73
CHR21	CGATCG		1	23
CHR21	CGACCG	CGGTTCG	2	118
CHR21	CGAGCG	CGCTTCG	3	263
CHR21	CGGCCG		5	316
CHR22	CGAACG	CGTTTCG	5	134
CHR22	CGATCG		2	54
CHR22	CGACCG	CGGTTCG	7	279
CHR22	CGAGCG	CGCTTCG	13	618
CHR22	CGGCCG		17	915
CHRX	CGAACG	CGTTTCG	5	191
CHRX	CGATCG		2	54
CHRX	CGACCG	CGGTTCG	4	363
CHRX	CGAGCG	CGCTTCG	8	759
CHRX	CGGCCG		11	873
CHRY	CGAACG	CGTTTCG	1	20
CHRY	CGATCG		0	12
CHRY	CGACCG	CGGTTCG	0	25
CHRY	CGAGCG	CGCTTCG	1	66
CHRY	CGGCCG		1	98
TOTAL	CGAACG	CGTTTCG	172	5019
TOTAL	CGATCG		74	1686
TOTAL	CGACCG	CGGTTCG	165	10009
TOTAL	CGAGCG	CGCTTCG	298	23438
TOTAL	CGGCCG		404	30770