List of predicted target sites of the 24 HutC/GntR members of *S. coelicolor*

	orf	+/-	*gene*, function	#	Sequence
1	SCO0213	-	*narK*, possible nitrate/nitrite extrusion protein	1	acacg**GT**G**TA**C**AC**acgac
2	SCO0214	+	Conserved hypothetical protein		
3	SCO0676	+	Possibleintegral membrane sensor protein	1	Cggca**GT**g**TA**g**AC**atggG
4	SCO1117	-	Possible secreted protein	1	GtttG**GT**C**TA**G**AC**CgcgC
5	SCO1166	-	putative integral membrane protein	1	cCtcc**GT**G**TA**C**AC**tcgGc
6	SCO1167	+	putative helicase (fragment)		
7	SCO1373	-	conserved hypothetical oxidoreductase protein	1	atGtc**GT**a**TA**a**AC**tcCgc
8	SCO1374	+	putative secreted protein		
9	SCO1390	+	*crr*, PTS system sugar phosphotransferase component IIA	1	gtGtG**GT**C**TA**G**AC**CtCta
10	SCO1517	-	putative secreted protein	1	cGGcg**GT**G**TA**C**AC**acCCc
11	SCO1547	-	putative anthranilate synthase, chorismate binding enzyme	1	AAcCC**GT**g**TA**g**AC**GGcTT
12	SCO2112	-	conserved hypothetical protein	1	AcTAA**GT**C**TA**G**AC**TTAcT
13	SCO2113	+	*bfr*, probable bacterioferritin		
14	SCO2182	+	GntR family transcriptional regulator	1	gTatt**GT**c**TA**a**AC**gtcAg
15	SCO2833	-	*chb*, secreted chitin binding protein	1	acttG**GT**C**TA**G**AC**Ctgca
16	SCO2905	-	*malX2*, PTS enzyme EIIB specific for N-acetyl- glucosamine uptake	1	GTcaACTG**GT**c**TA**c**ACC**AGTgtAC
17	SCO2906	+	*nagE1*, PTS transmembrane and sugar-binding component EIIC		
18	SCO2907	+	*nagE2*, PTS transmembrane component EIIC	1 2	aAcaG**GT**c**TA**c**AC**CacTg GaGTG**GT**g**TA**g**AC**CACcaC
19	SCO3207	-	Putative tetR-family transcriptional regulator	1	caCag**GT**c**TA**a**AC**ggGga
20	SCO3208	+	putative secreted protein		
21	SCO3366	-	putative efflux permease	1	aagtt**GT**c**TA**c**AC**tggga
22	SCO3367	+	putative tetR-family regulator		
23	SCO3563	+	*acsA*, acetyl-coenzyme A synthetase	1	AAcaG**GT**c**TA**a**AC**CatTT
24	SCO3655	-	putative spermidine synthase	1	gAacc**GT**a**TA**a**AC**ctgTg
25	SCO3711	+	putative small membrane protein	1	CcGtC**GT**c**TA**c**AC**GgCcG
26	SCO4285	-	possible sugar kinase	1	cggtG**GT**g**TA**g**AC**Cttaa
27	SCO4286	+	putative solute-binding protein		
28	SCO4630	-	hypothetical protein	1	taGgC**GT**c**TA**a**AC**GgCag
29	SCO5036	-	Unknown ABC transpoter system operon	1	ggtgc**GT**a**TA**c**AC**cgtgt
30	SCO5159	-	putative integral membrane transport protein	1	ttggc**GT**a**TA**c**AC**atagt
31	SCO5160	+	hypothetical protein		
32	SCO5231	-	*dasR*, GntR-family transcriptional regulator	1	tAcTG**GT**c**TA**c**AC**CAtTg
33	SCO5232	+	*dasA*, possible sugar transporter sugar binding protein		
34	SCO5236	-	*nagB*, glucosamine phosphate isomerase	1	gATTG**GT**c**TA**a**AC**CAcATa
35	SCO5240	-	*wblE*, hypothetical protein	1	cgaac**GT**t**TA**g**AC**cagga
36	SCO5749	+	two-component regulator	1	ggtgt**GT**g**TA**a**AC**ggcgg
37	SCO5841	-	*ptsH*, phosphocarrier protein hpr	1	aAgTt**GT**C**TA**G**AC**cAgTc
38	SCO5842	+	conserved hypothetical protein	2	gtCTt**GT**C**TA**G**AC**cAGtt
39	SCO5976	+	*arcB*, ornithine carbamoyltransferase	1	aGttc**GT**a**TA**g**AC**ttcCa
40	SCO6032	-	putative hydrolase, possible beta-hexosaminidase	1	tCTTG**GT**a**TA**g**AC**CAAGg
41	SCO6033	+	hypothetical protein		
42	SCO6062	+	putative ABC transporter ATP-binding subunit	1	cagcc**GT**c**TA**c**AC**tcgac
43	SCO6178	-	*nodB* putative chitooligosaccharide deacetylase	1	tg**C**Gt**GT**A**TA**T**AC**gCGgt
44	SCO6179	+	putative nucleotide-sugar dehydratase		
45	SCO6214	+	putative permease	1	CcGaC**GT**g**TA**a**AC**GaCcG
46	SCO6222	-	putative aminotransferase class-I	1	Aactt**GT**c**TA**c**AC**tgcgT
47	SCO6223	+	conserved hypothetical protein		
48	SCO6300	-	putative secreted hydrolase, possible beta-hexosaminidase	1	Atttt**GT**C**TA**G**AC**ctctT
49	SCO6344	-	putative secreted amidase	1	ctaAG**GT**C**TA**G**AC**CTgca
50	SCO6345	+	possible secreted chitinase	2	CGtAG**GT**C**TA**G**AC**CTgCG
51	SCO6445	+	putative inositol monophosphatase	1	caCgc**GT**G**TA**C**AC**ctGat
52	SCO6925	-	putative membrane protein	1	TgCct**GT**A**TA**T**AC**gcGtA
53	SCO6926	+	hypothetical protein		
54	SCO7017	-	hypothetical protein	1	cgAGC**GT**G**TA**C**AC**CTgc
55	SCO7018	+	hypothetical protein		
56	SCO7056	-	GntR-family transcriptional regulator	1	agcTG**GT**t**TA**g**AC**CAatg
57	SCO7224	-	putative integral membrane protein	1	cccTt**GT**C**TA**G**AC**cAata
58	SCO7225	+	secreted chitinase	2 3	cTatG**GT**C**TA**G**AC**CtgAa gtCAG**GT**C**TA**G**AC**CTGta
59	SCO7263	+	*chiF*, chitinase	1	aActG**GT**c**TA**c**AC**CctTg
60	SCO7290	-	putative dehydrogenase	1	gCcc**GT**t**TA**c**AC**ctGt
61	SCO7410	-	putative binding-protein dependent transport protein	1	GGcat**GT**c**TA**c**AC**tgcCC
62	SCO7411	+	putative LacI-family transcriptional regulator		