Supplementary Table 1. Iron-repressible open reading frames of *Neisseria gonorrhoeae* FA1090.

Fold Change (Fe-/Fe+)	Gene	Product	Gene	SignalP
4.46	NG0554	hypothetical protein		S
3.55	NG0574c	carbonic anhydrase	*cah*	S
3.37	NG1718	putative virulence factor MviN protein	*mviN*	NS
3.20	NG0863c	conserved hypothetical protein		NS
2.67	NG1442	putative alcohol dehydrogenase	*adhA*	NS
2.55	NG1174c	conserved hypothetical protein		NS
2.38	NG0186c	zinc-binding alcohol dehydrogenase		NS
2.28	NG0788	genome-derived Neisseria antigen 1220 (GNA1220)		S
2.27	NG0887c	conserved hypothetical protein		NS
2.25	NG0867c	conserved hypothetical protein		NS
2.23	NG0164c	conserved hypothetical protein		NS
2.12	NG0025	AraC-family transcriptional regulator		NS
2.09	NG1358	putative glutamate dehydrogenase		NS
2.08	NG0474c	hypothetical protein		NS
2.01	NG1177c	conserved hypothetical protein		NS
2.00	NG0602	MerR-family transcriptional regulator		NS
1.98	NG1141c	conserved hypothetical protein		NS
1.95	NG0142	putative sugar transporter		NS
1.95	NG1002c	hypothetical protein		NS
1.95	NG1586	conserved hypothetical protein		NS
1.93	NG0931	50S ribosomal protein L36		NS
1.91	NG1085	hypothetical protein		NS
1.90	NG0600c	putative esterase D		NS
1.87	NG1495c	transferrin-binding protein A	*tbpA*	S
1.86	NG0656	putative membrane transporter		NS
1.86	NG2114c	aldehyde dehydrogenase A	*aldA*	NS
1.84	NG0322	conserved hypothetical protein		NS
1.83	NG1013c	repressor		NS
1.82	NG1139c	conserved hypothetical protein		NS
1.81	NG0208	conserved hypothetical protein		NS
1.79	NG0467c	hypothetical protein		NS
1.79	NG0495	hypothetical protein		NS
1.79	NG1173	DNA mismatch endonuclease, patch repair	*vsr*	NS
1.77	NG2115c	AraC-family transcriptional regulator		NS
1.76	NG0108	conserved hypothetical protein		NS
1.76	NG0125	hypothetical protein		NS
1.76	NG0713c	4-hydroxy-2-oxoglutarate aldolase	*eda*	NS
1.75	NG0853	conserved hypothetical protein		S
1.73	NG1063c	conserved hypothetical protein		S
1.73	NG2093c	ferric enterobactin receptor	*fetA*	S
1.72	NG1318c	conserved hypothetical protein		NS
1.71	NG1391c	hypothetical protein		NS
1.70	NG1168c	conserved hypothetical protein		S
1.69	NG0385	delta-aminolevulinic acid dehydratase	*hemB*	NS
1.69	NG0754	molybdopterin-guanine dinucleotide		NS
1.68	NG0156	conserved hypothetical protein		NS
1.68	NG1622c	conserved hypothetical protein		S
1.65	NG0319c	conserved hypothetical protein		NS
1.65	NG0757c	conserved hypothetical protein		S
1.64	NG0449	conserved hypothetical protein		S
1.63	NG0472c	hypothetical protein		NS
1.63	NG0510	hypothetical protein		NS
1.63	NG0787	conserved hypothetical protein		S
1.63	NG1239	conserved hypothetical protein		NS
1.62	NG0473c	hypothetical protein		NS
1.62	NG0930	putative additional 50S ribosomal protein		NS
1.61	NG0497	hypothetical protein		NS
1.61	NG0988c	putative methylated-DNA-protein-cysteine		NS
1.60	NG0347	DNA polymerase III delta' subunit		NS
1.60	NG1004c	hypothetical protein		NS
1.60	NG1117	hypothetical protein		NS
1.60	NG2065c	UDP-3-O-3-hydroxymyristoyl N-acetylglucosamine deacetylase	*envA*	NS
1.59	NG0849	glutamate 5-kinase	*proB*	NS
1.59	NG1140c	putative TspB-like protein (TspB1)		NS
1.59	NG1559	conserved hypothetical protein		S
1.59	NG1652c	hypothetical protein		NS

1.59	NG1690c	conserved hypothetical protein		NS
1.59	NG2092c	ferric enterobactin periplasmic binding protein	*fetB*	S
1.58	NG0217c	ABC transporter periplasmic binding protein	*fbpA*	S
1.58	NG0323c	2-amino-4-hydroxy-6-hydroxymethyldihydropteridine-pyrophosphokinase	*folK*	NS
1.58	NG0553	putative TonB-dependent receptor		S
1.58	NG1702c	conserved hypothetical protein		NS
1.57	NG0165c	conserved hypothetical protein		S
1.57	NG0468c	hypothetical protein		NS
1.57	NG0506	hypothetical protein		NS
1.57	NG0709	hypothetical protein		NS
1.57	NG0975c	nitrogen fixation protein	*fixS*	NS
1.57	NG1118	hypothetical protein		NS
1.57	NG1138c	conserved hypothetical protein		NS
1.57	NG1237	conserved hypothetical protein		S
1.57	NG1381c	putative glutaredoxin 2	*glr2*	NS
1.57	NG1657c	conserved hypothetical protein		NS
1.56	NG0475c	hypothetical protein		NS
1.56	NG0974c	conserved hypothetical protein		NS
1.56	NG1066	MafI protein (MafI1)		S
1.56	NG1383c	conserved hypothetical protein		NS
1.56	NG1656c	conserved hypothetical protein		S
1.55	NG0777	DNA-binding protein Hu	*dbhA*	NS
1.55	NG0866	serine hydroxymethyltransferase	*glyA*	NS
1.55	NG0959c	conserved hypothetical protein		NS
1.55	NG1065	conserved hypothetical protein		NS
1.55	NG1300c	conserved hypothetical protein		NS
1.55	NG1651	conserved hypothetical protein		NS
1.54	NG0168c	putative ABC transporter periplasmic binding		S
1.54	NG0895c	conserved hypothetical protein		S
1.53	NG0009	hypothetical protein		NS
1.53	NG0218c	conserved hypothetical protein		NS
1.53	NG0466c	hypothetical protein		NS
1.53	NG0496	hypothetical protein		S
1.53	NG0586c	phosphatidylserine synthase	*pssA*	NS
1.53	NG1378c	transport protein	*exbB*	NS
1.53	NG1902c	DNA-binding competence protein 4	*comE4*	S
1.52	NG0263c	amidophosphoribosyltransferase	*purF*	NS
1.52	NG1012c	hypothetical protein		NS
1.52	NG1471	conserved hypothetical protein		S
1.52	NG1593	hypothetical protein		NS
1.52	NG2166c	putative malonyl CoA-acyl carrier protein transacylase	*fabD*	NS
1.51	NG1496c	transferrin-binding protein B	*tbpB*	S
1.50	NG1545c	conserved hypothetical protein		NS

SignalP: NS (no signal sequence detected), S (signal sequence detected)