<b>Word</b>	Corrected P-value
transposase	2.19E-112
putative	5.23E-68
fimbrial	4.26E-47
iscro1	9.12E-40
protein	3.96E-36
island	7.46E-36
pathogenicity	7.46E-36
hypothetical	4.34E-25
membrane	1.37E-22 1.02E-21
prophage outer	1.12E-21
effector	5.66E-20
curli	4.49E-17
is200	4.49E-17
pilin	1.16E-14
invasion	1.39E-14
secretory	2.38E-13
secreted	2.38E-13
sequence	4.75E-13
element	4.75E-13
virulence	2.04E-12
fibre	6.60E-12
usher	1.86E-11 3.40E-11
adhesin secretion	7.22E-11
general	3.53E-10
t3ss	5.09E-10
fima	7.03E-10
pilus	1.88E-09
insertion	2.09E-09
fimbriae	2.48E-09
tail	5.63E-09
leader	1.28E-08
exported	2.77E-08
chaperone	4.64E-08
iscro3	5.94E-08
type	5.94E-08
assembly	1.02E-07
fragment	1.75E-07
triphosphohydrolase	2.53E-07
iscro4	2.53E-07
isec14	2.53E-07
unknown	0.00000327
fimbrial-like	5.58E-07
possible	7.24E-07
curlin	0.00000768
is102	1.11E-06
trap-type	0.00002512
ferrous	2.58E-06
dtdp-4-dehydrorhamnose	2.81E-06
pathway	3.22E-06
phosphoribulokinase	3.22E-06
poly-beta-1	3.22E-06
function	3.33E-06
lipoprotein	3.74E-06
large-conductance deoxyguanosinetriphosphate	4.39E-06 4.39E-06
cadc	4.39E-06 0.0000491
fkbp-type cryptic	6.56E-06
luxr	8.50E-06
production	8.70E-06
autotransporter	8.99E-06
galactitol-specific	1.83E-05
bactoprenol-linked	1.89E-05
euts	1.89E-05
mechanosensitive	3.88E-05
during	4.66E-05
porin	0.000049676
cellobiose-specific	7.15E-05
haemolysin	9.50E-05
dihydroorotate	0.0001220835 0.000146769
tnpa adherence	0.000146769
ferritin	0.000146769
stylti	0.000146769
associated	0.0001662196
ferritin-like	0.0002200841
trap	0.0002338847
potassium-efflux	0.0003132541
5-dehydrogenase	0.0003534953
caif	0.0003592484
rcsf	0.0003592484
glutathione-regulated conserved	0.0005656823 0.0005656823
cadaverine	0.0005656823
luxr-family	0.0005656823
modulating	0.0005656823
5-epimerase	0.0006125402
lipopolysaccharide	0.0006574058
core	0.0007029668
universal	0.0007029668
<ul><li>-diacetylchitobiose-specific</li></ul>	0.0008812555
dna-binding	0.0011105287
tight	0.0011952509
yad-type	0.0014736815
yiam	0.0014736815
within	0.0014736815
cell-division	0.0014736815
minor	0.0017372251
stimulation	0.001881871
phage	0.0019646081
virulence-associated	0.0020811247
eutp	0.0020811247
gifsy-2	0.0020811247
stpa	0.0020811247
6-n-acetyl-d-glucosamine sugar	0.0020811247 0.0020811247
stress	0.0024941973
fermentation	0.0024941973
trans-activator	0.0024941973
alkaline	0.0029902177
inducible	0.0040059426
integrase	0.0043434469
Table S1. List of words   EMPL file description of	
EMBL file description o losses. P-values are calc	
running Fisher's exact test on the	
number of repetitions of each word in the	
description of beneficial losses compared	
to other genes and the number of other words in the description of these two	
groups of genes. The P-values are then	
adjusted using the Benj	
and Yekutieli method.	