

Shigella Pan-Select Peptide Pool Information (PM-Pan-SHiselect)

Covered Species	Number of Peptides
Shigella flexneri	38
Shigella sonnei	10
Shigella dysenteriae	8
Shigella boydii	26
Total	82

#	Covered Protein	Number of Peptides
1	conserved hypothetical protein	7
2	invasion plasmid antigen	4
3	Hypothetical protein	3
4	IS1294, transposase	3
5	ISSf14 ORF2	3
6	Iron transport protein, ATP-binding component	2
7	IS911 ORF2	2
8	Iron transport protein, inner membrane component	2
9	ferredoxin-NADP reductase	2
10	flavodoxin 1	2
11	PTS system, mannose/fructose/sorbose family, IID component	2
12	putative bacteriophage protein	1
13	putative cytochrome oxidase subunit	1
14	3-ketoacyl-(acyl-carrier-protein) reductase	1
15	cyclic diguanylate phosphodiesterase (EAL) domain protein	1
16	putative cytochrome oxidase	1
17	Iron transport protein	1
18	IS4 ORF	1
19	glucosyl transferase	1
20	IroC	1
21	putative tail tube protein	1
22	UPF0307 protein yjgA	1
23	Predicted hydrolase	1
24	WbsV	1
25	DNA polymerase IV	1
26	putative adhesin	1
27	putative transport protein	1
28	fimbrial chaperone protein	1
29	positive regulator of the fuc operon	1
30	plasmid stable inheritance protein	1
31	putative chloride channel	1
32	hypothetical lipoprotein	1
33	O-antigen polymerase	1
34	UDP-3-O-(3-hydroxymyristoyl)glucosamine N-acyltransferase	1
35	peptidase, U32 family	1
36	putative reductase	1
37	Uroporphyrinogen decarboxylase	1
38	putative protease/scaffold protein	1
39	Hypothetical protein ygcG	1
40	Putative adhesion and penetration protein	1
41	Uncharacterized transporter yfdV	1
42	Putative receptor protein	1



Innovative Peptide Solutions

43	mgl repressor, galactose operon inducer	1
44	Integrase	1
45	WbpS	1
46	ShiB	1
47	Arginine 3rd transport system periplasmic binding protein	1
48	putative IS1 encoded protein	1
49	phage minor tail protein L	1
50	iron/manganese transport system inner membrane protein SitC	1
51	heat shock protein HtrC	1
52	Putative head portal protein	1
53	Prelipin peptidase dependent protein	1
54	Mannose-1-phosphate guanylyltransferase	1
55	antitermination protein Q	1
56	Putative dehydrogenase	1
57	Putative oxidoreductase	1
58	Putative repeat unit transporter	1
59	Putative epimerase/dehydratase	1
60	putative tail component of prophage	1
61	putative tail fiber protein	1
	Total	82