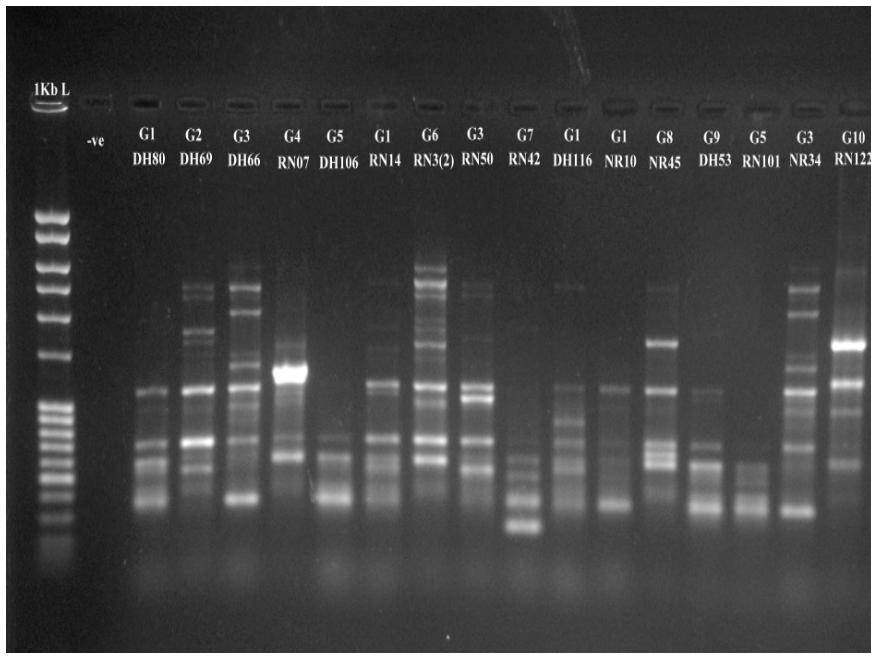
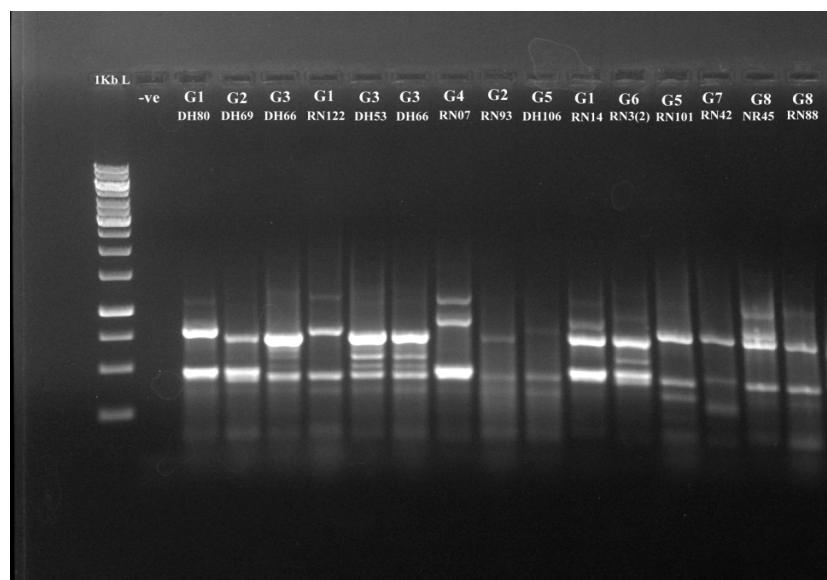


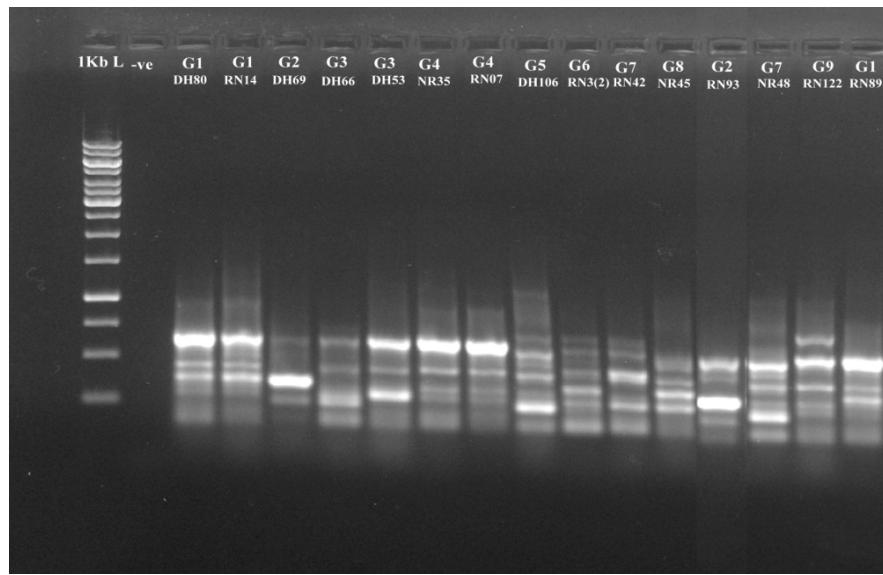
## Supplementary



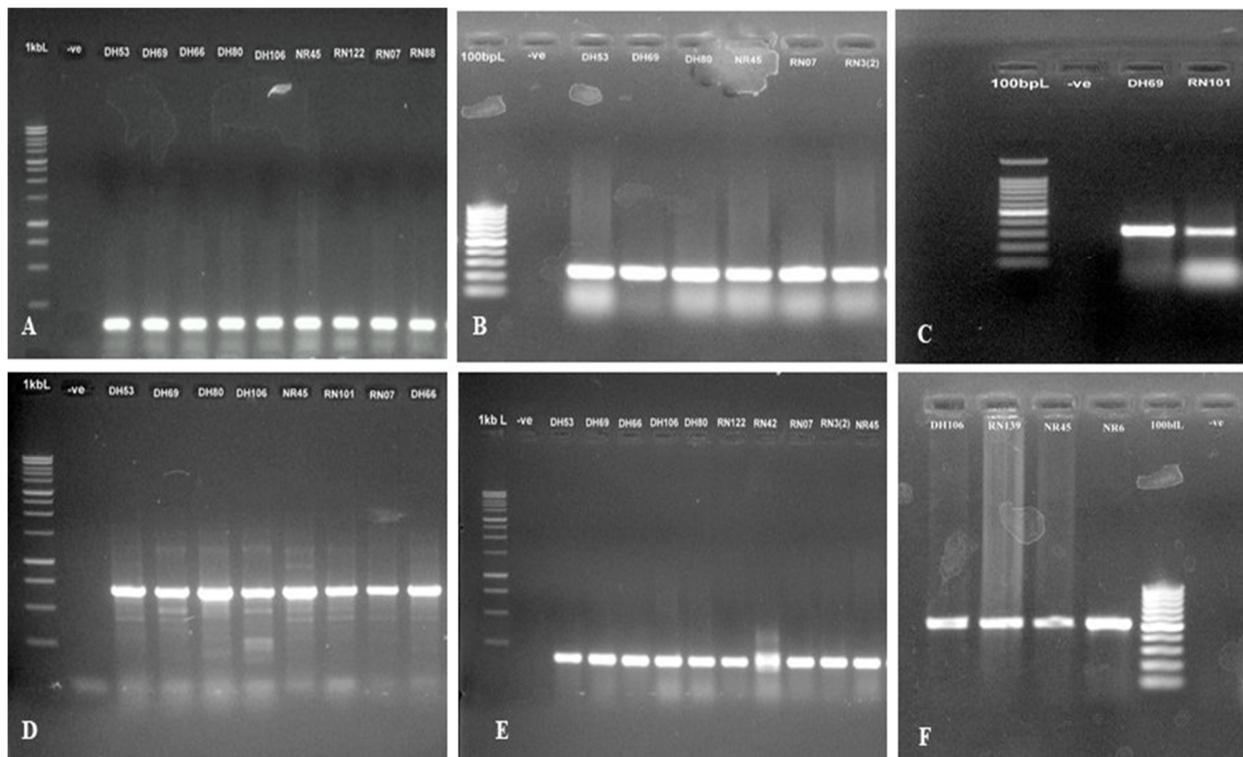
**Figure S1.** RAPD patterns of bacterial isolate using primer 1283. Lane 2 is negative blank control and lanes1 is molecular ladders. Lanes 3–18 are samples DH80, DH69, DH66, RN07, DH106, RN14, RN3 (2), RN50, RN42, DH116, NR10, NR45, DH53, RN101, NR34, RN122 respectively representing group 1-10.



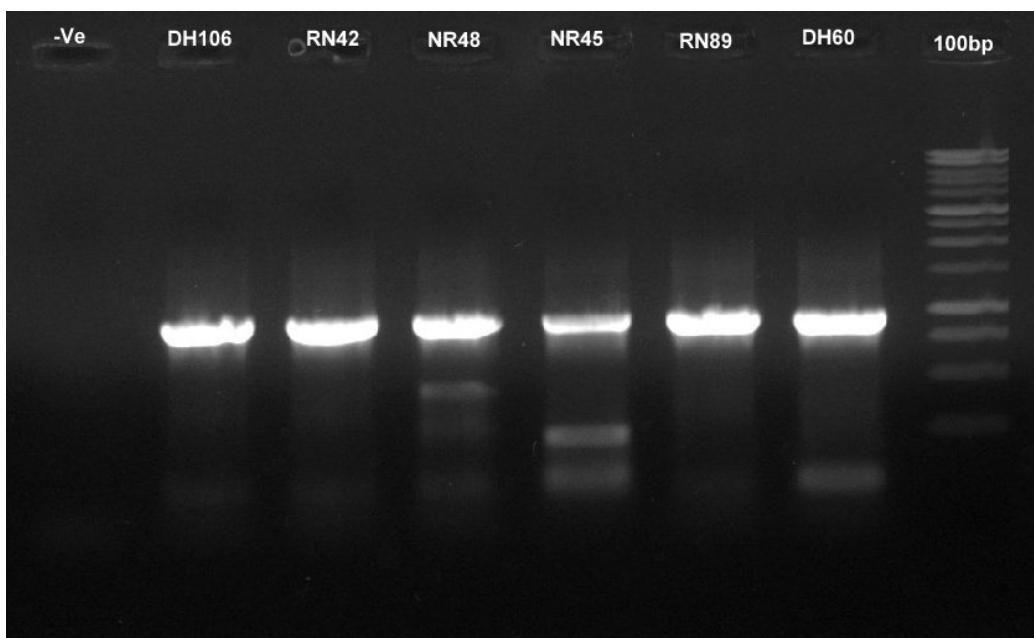
**Figure S2.** ERIC-PCR patterns of bacterial isolate using primer ERIC1 and ERIC2. Lane 2 is negative blank control and lanes 1 is molecular ladders. Lanes 3–17 are samples DH80, DH69,DH66, RN122, DH53, DH66, RN07, RN93, DH106, RN14, RN3 (2), RN101, RN42, NR45, RN88 respectively representing group 1-8.



**Figure S3.** BOX-PCR patterns of bacterial isolate using primer BOXA1R. Lane 2 is negative blank control and lanes 1 is molecular ladders. Lanes 3–17 are samples DH80, RN14, DH69, DH66, DH3, NR35, RN07, DH106, RN3 (2), RN42, NR45, RN93, NR48, RN122, RN89 respectively representing group 1-9.



**Figure S4.** PCR results for the detection of *E. coli* VG among the colibacillosis cases of Bangladeshi poultry samples. A) (*uidA*: 147bp) Lane 2 is negative blank control and lanes 1 is molecular ladders (1kb). Lanes 3-11 are strain DH53, DH69, DH66, DH80, DH106, NR45, RN122, RN07, RN88. B) (*crl*: 250bp) Lane 2 is negative blank control and lanes 1 is molecular ladders (100bp). Lanes 3-10 are strain DH53, DH69, DH80, NR45, RN07, RN3 (2). C) (*papC*: 328bp) Lane 2 is negative blank control and lanes 1 is molecular ladders (100bp). Lanes 3-4 are strain DH69, RN101. D) (*ial*: 650bp) Lane 2 is negative blank control and lanes 1 is molecular ladders (1kb). Lanes 3-10 are strain DH53, DH69, DH80, DH106, NR45, RN101, RN07, DH66. E) (*fimH*: 164bp) Lane 2 is negative blank control and lanes 1 is molecular ladders (1kb). Lanes 3-12 are strain DH53, DH69, DH66, DH106, DH80, RN122, RN42, RN07, RN3 (2), NR45. F) (*cjrc*: 518bp) Lane 6 is negative blank control and lanes 5 is molecular ladders (100bp). Lanes 1-4 are strain DH106, RN83, NR45, NR6.



**Figure S5.** Representative PCR results for the detection of *Escherichia coli* phylotypes among the colibacillosis cases of Bangladeshi poultry samples. (*arpA*: 400bp). Here, Lane 8 is molecular ladders (100bp), Lane 1 is negative blank control and Lanes 2–7 are the strains DH106, RN42, NR48, NR45, RN89, DH60, respectively.

**Table S1.** Sequence of oligonucleotide primers of different target genes used in this study to detect pathogenic *Escherichia coli* strains.

Target gene	DNA sequence (5'→3')	Amplified product (bp)	References
<i>ial</i>	GGTATGATGATGATGAGTCCA GGAGGCCAACAAATTATTCC	650	
<i>bfpA</i>	AATGGTGCTTGCCTGCTGC GCCGCTTATCCAACCTGGTA	334	
<i>Stx1</i>	CTGGATTAAATGTCGCATAGTG AGAACGCCACTGAGATCATC	150	[29]
<i>Stx2</i>	GGCACTGTCTGAAACTGCTCC TCGCCAGTTATCTGACATTCTG	255	
<i>eaeA</i>	GACCCGGCACAAAGCATAAGC CCACCTGCAGCAACAAGAGG	384	
<i>lt</i>	GGC GAC AGA TTA TAC CGT GC CGG TCT CTA TAT TCC CTG TT	450	[56]
<i>aggR</i>	GTATACACAAAAGAAGGAAGC ACAGAACCGTCAGCATCAGC	254	[57]
<i>uidA</i>	AAAACGGCAAGAAAAAG CAG ACGCGTGGTTACAGTCTT GCG	147	[32]
<i>cjrC</i>	AAACCTCAGCGAAAATCGT AGGCTTCAGGAATGGGTTCA	518	[32]
<i>fimH</i>	GTGCCAATTCTCTTACCGTT TGGAATAATCGTACCGTTGCG	164	[29, 32]

<i>crl</i>	TTTCGATTGTCTGGCTGTAT CTTCAGATTCAAGCGTCGTC	250	[29, 32]
<i>papC</i>	GACGGCTGTACTGCAGGGTGTGGCG ATATCCTTCTGCAGGGATGCAATA	328	[29, 72, 75]
<i>hlyA</i>	GCATCATCAAGCGTACGTTCC AATGAGCCAAGCTGGTTAAGCT	534	[29]
<i>ChuA</i>	GACGAACCAACGGTCAGGAT TGCCGCCAGTACCAAAGACA	279	
<i>Yja A</i>	TGAAGTGTCAAGGAGACGCTG ATGGAGAAATGCGTTCTAAC	211	
TspE4C2	GAGTAATGTCGGGGCATTCA CGCGCCAACAAAGTATTACG	152	[9]
<i>arpA</i>	AACGCTATTGCCAGCTTGC TCTCCCCATACCGTACGCTA	400	
<i>arpA</i>	GATTCCATCTGTCAAAATATGCC GAAAAGAAAAAGAATTCCAAGAG	301	
<i>trpA</i>	AGTTTATGCCAGTGCAG TCTGCGCCGGTCACGCC	219	

\**arpA* for phylotype E and *trpA* for phylotype C

**Table S2.** Relative comparison among isolated Pathogenic *E.coli* from different poultry farms of three sampling locations

Farm	Sources	Isolates ID	H or D Sample	Phylotype	CRA	Pathogenic genes Number	BF	Antibiotics pattern
Farm 1	DR	DH21	H	A1	++	ND	2	ND
		DH22	H	A1	++	ND	0	ND
		DH25	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialpapCcjrC</i>	1	DoTeFCIPNAGNCS
		DH26	D	D2	+	<i>udiAcrlfimHialpapC</i>	0	ND
		DH27	D	A1	+++	ND	0	ND
		DH28	D	D2	++	<i>udiAcrlfimHialpapCcjrC</i>	0	ND
		DH52	D	B2(B2 <sub>3</sub> )	++	ND	0	AMPDoTeFCIPGNCS
		DH53*	D	B1	+++	<i>udiAcrlfimHial</i>	4	AMPDoTeCIPNACSA TM
		DH55	D	B2(B2 <sub>3</sub> )	++	ND	3	AMPDoFCIPNAIMPC
		DH57	D	D2	++	<i>udiAcrlfimHialpapCcjrC</i>	0	DoTeFNAFoxGNCS
		DH59*	D	D2	+++	<i>udiAcrlfimHialpapCcjrC</i>	2	DoTeFCIPNAFoxIMPS
		DH60	D	B1	+++	<i>udiAcrlfimH</i>	0	ND
CS		DH10	D	B2(B2 <sub>3</sub> )	++	<i>udiAcrlfimHial</i>	3	AMPTeFNAGNNA
		DH23	D	A1	+++	<i>udiAcrlial</i>	4	ND
		DH24	H	A1	++	<i>udiAcrlial</i>	0	DoTeFNACS
		DH31	D	B2(B2 <sub>3</sub> )	++	ND	0	DoTeFNASATM
		DH32	H	A1	+	ND	0	AMPTeFNAFoxS
		DH33	D	A1	++	<i>udiAcrlial</i>	0	AMPDoTeFoxSATM
		DH34	D	A1	+++	<i>udiAcrlfimHial</i>	0	ND
		DH35	H	A1	++	ND	0	AMPDoFCIPFoxC
		DH42	H	B1	++	ND	2	AMPDoTeCIPFoxCAT M

		DH49	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHial</i>	3	AMPTeFCIPNAFoxIM PC
		DH67	D	B2(B2 <sub>3</sub> )	+	ND	0	DoTeFNAS
		DH69*	D	A1	+++	<i>udiAcrlfimHialpapC</i>	3	AMPDoPBCIPNAFoxI MP
F	DH1	D	A1	++	<i>udiAfimHialpapC</i>	4	DoTeFC	
	DH8*	D	B2(B2 <sub>3</sub> )	++	<i>udiAcrlfimHial</i>	3	AMPDoTeFoxIMPCAT M	
	DH48	D	B2(B2 <sub>3</sub> )	++	<i>udiAcrlfimHial</i>	1	ND	
	DH66*	D	B2(B2 <sub>2</sub> )	+++	<i>udiAcrlfimHial</i>	1	AMPDoTeFCATM	
W	DH29	D	A1	++	<i>udiAcrlfimHial</i>	2	FCIPNAFoxGNATM	
	DH43	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHial</i>	2	ND	
	DH44	H	A1	++	<i>udiAcrlfimHial</i>	0	AMPDoNAFoxIMPCA TM	
	DH50	D	B2(B2 <sub>3</sub> )	++	ND	2	TeFNACSATM	
	DH51	H	D2	+	<i>udiAcrlfimHial</i>	3	AMPDoTeFNAIMPC	
H	DH20#	H	A1	++	ND	1	DoTeFNAS	
Farm 2	DR	DH86*	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHial</i>	3	AMPDoTeFCIPNAFox S
		DH87	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHial</i>	0	TeFFoxCSATM
	DH89	D	D2	+++	<i>udiAcrlfimHial</i>	1	AMPDoTeFPBNAFoxI MP	
		DH90	D	B1	+++	<i>udiAcrlial</i>	0	ND
	DH93#	D	A1	+++	<i>udiAcrlfimHialpapC</i>	0	AMPTePBNAFoxGNC S	
		DH95	H	A1	++	ND	0	ND
	DH96	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialcjrc</i>	1	AMPDoFFoxCATM	
	DH97	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHial</i>	3	DoTeFoxSATM	

	CS	DH73#	D	B1	+++	<i>udiAcrlfimH</i>	0	AMPTeFCIPNAGNC TM
		DH74	D	B1	+++	<i>udiAcrlfimH</i>	0	ND
		DH75#	D	B1	+++	<i>udiAcrlfimHial</i>	0	AMPDoTeFCIPNAGN S
F		DH72	D	B2(B2 <sub>3</sub> )	++	ND	0	DoTeFFoxCSATM
W		DH71	D	D2	+	ND	0	AMPDoTeCIPNAFoxS
		DH91	H	B2(B2 <sub>3</sub> )	+	<i>udiAcrlfimHial</i>	0	ND
		DH94	H	A1	+	ND	4	ND
		DH100*	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialcjrC</i>	1	AMPDoTeFGNS
H		DH82	D	D2	++	<i>udiAcrlfimHialcjrC</i>	3	ND
		DH83*	D	A1	+++	<i>udiAcrlfimH</i>	0	AMPDoTeFCIPNAFoxI MPGNS
		DH85	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialpapC</i>	0	ND
IO(L)		DH76	H	B1	++	ND	0	AMPDoTeFCIPNAFox
		DH80*	D	B2(B2 <sub>2</sub> )	+++	<i>udiAcrlfimHialpapC</i>	0	AMPDoPBNAFoxCAT M
		DH103	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHial</i>	0	ND
		DH106*	D	D2	+++	<i>udiAcrlfimHialpapCcjrC</i>	1	AMPDoTeCIPNAGNC S
		DH108	H	B1	++	<i>udiAcrlfimHial</i>	4	AMPDoTeNAIMPGN
		DH109	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialpapC</i>	0	ND
Farm 3	DR	DH152	D	B2(B2 <sub>3</sub> )	++	ND	0	AMPDoTeNAGNATM
		DH162	D	A1	+++	<i>udiApapCcjrC</i>	0	ND
		DH185	H	B1	+	ND	0	ND
		DH170	H	A1	+	ND	2	AMPDoFNAGNS
		DH116*	D	B2(B2 <sub>2</sub> )	+++	<i>udiAcrlfimHial</i>	3	AMPDoTeFCIPNAIMP FoxGNCSATM

	W	DH141*	D	B2(B2 <sub>2</sub> )	+++	<i>udiAcrlfimHialpapC</i>	0	AMPDoTeCIPNAIMPC
	H	DH168	D	B2(B2 <sub>3</sub> )	++	<i>udiAcrlfimHial</i>	2	AMPDoTeFNAFoxATM
		DH179	H	A1	++	<i>udiAcrl papC</i>	4	ND
	ES	DH166	D	B1	+++	<i>udiAcrlfimHial</i>	3	ND
		DH187	H	A1	+	ND	0	AMPDoFCIPNAFoxC
	IO(L)	DH144	H	B2(B2 <sub>3</sub> )	+	ND	0	NS
		DH145	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialcjrc</i>	3	AMPDoTeFCIPNAIMP C
		DH149	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialpapC</i>	4	ND
		DH173	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHial</i>	1	ND
		DH175	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHial</i>	4	AMPDoTeFCIPNAGNSATM
		DH191	D	B2(B2 <sub>2</sub> )	+++	ND	0	AMPTeFAGNIMPCA TM
		DH196*	H	A1	++	ND	0	AMPTeFNAS
Farm 4	DR	RN3(2)*	D	B1	+++	<i>udiAcrlfimHial</i>	1	AMPDoTeCIPGNCSATM
		RN07#	D	A1	+++	<i>udiAcrlfimHial</i>	2	AMPDoTeFNA
		RN08	H	A1	+	ND	0	ND
		RN09	H	A1	++	<i>udiAfimHial</i>	0	ND
		RN10*	D	A1	+++	<i>udiAcrlfimHialpapC</i>	1	AMPTeNAGNS
		RN14*	D	B2(B2 <sub>2</sub> )	++	<i>udiAcrlfimHial</i>	1	AMPDoTeFCIPIMPC
		RN22	D	B2(B2 <sub>2</sub> )	+++	ND	0	AMPDoTeCIPIMPC
		RN33	H	B1	+++	ND	2	ND
		RN34	D	A1	+++	<i>udiAfimHialcjrc</i>	4	AMPFNAGNCS
		RN35#	D	B2(B2 <sub>2</sub> )	++	ND	3	AMPDoTeFNASCATM
		RN62	D	D2	+	<i>udiAcrlfimHial</i>	0	DoFIMP
		RN63	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialpapC</i>	1	ND

		RN64	D	A1	+++	<i>udiAcrlfimHial</i>	0	AMPDoTeF
		RN65	D	A1	+++	<i>udiAcrlfimHial</i>	0	ND
CS	RN36	H	B2(B2 <sub>3</sub> )	++	<i>udiAcrlfimHialcjrC</i>	4	ND	
	RN38	H	B2(B2 <sub>3</sub> )	+	ND	1	AMPDoTeCIPNAC	
	RN39	D	B2(B2 <sub>3</sub> )	++	ND	0	AMPDoTeFFoxGN	
	RN41#	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHial</i>	3	DoTeCS	
	RN66#	D	A1	+++	ND	0	AMPDoTeCIPNAC	
	RN68	H	A1	++	ND	4	ND	
F	RN42*	D	B2(B2 <sub>2</sub> )	+++	<i>udiAcrlfimHialcjrC</i>	0	AMPDoTeNA	
	RN43	H	A1	++	<i>udiAcrlfimHial</i>	0	ND	
W	RN32	D	D2	+	<i>udiAcrlfimHialpapCcjrC</i>	1	AMPDoTeCIPNAFoxS	
H	RN16	D	A1	+++	<i>udiAcrlfimH</i>	0	AMPDoFCIPFoxATM	
	RN18	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialpapC</i>	4	AMPDoTeFFoxCS	
	RN19	D	B2(B2 <sub>2</sub> )	++	<i>udiAcrlfimHial</i>	4	TeFCIPIMPCATM	
	RN29	D	D2	+++	<i>udiAcrlfimHialpapCcjrC</i>	0	AMPDoTeNAFoxIMP	
	RN30	D	B2(B2 <sub>3</sub> )	++	<i>udiAcrlfimHial</i>	2	TeFCIPFoxS	
	RN31	H	B2(B2 <sub>3</sub> )	++	<i>udiAcrlfimHial</i>	0	DoTeNAFoxGN	
IO(L))	RN20	H	B2(B2 <sub>3</sub> )	+	ND	0	ND	
	RN46	H	B2(B2 <sub>3</sub> )	+	ND	4	AMPDoFCATM	
	RN47	H	A1	++	<i>udiAcrlfimHial</i>	0	ND	
	RN48	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialcjrC</i>	0	AMPTeFPBNAGNAT M	
	RN50*	D	B2(B2 <sub>2</sub> )	+++	<i>udiAcrlfimHialcjrC</i>	0	AMPDoTeFCIP	
	RN51*	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHial</i>	0	DoTeCIPNAFoxCATM	
	RN52	H	B2(B2 <sub>3</sub> )	++	ND	2	ND	
	RN53	H	A1	+	ND	0	ND	
	RN54	D	A1	+++	<i>udiAialpapC</i>	2	AMPFPB	

		RN55	D	A1	+++	<i>udiAialpapC</i>	0	AMPTeCIPFoxIMPS
		RN58	D	B2(B2 <sub>3</sub> )	++	ND	0	AMPDoTeFCIP
		RN59*	D	D2	+++	<i>udiAcrlfimHialpapCcjrC</i>	2	DoTeFCIPGNCS
		RN60	D	A1	++	ND	0	ND
Farm 5	DR	RN93*	H	B1	+++	<i>udiAcrlfimHial</i>	4	AMPDoTeFNAFoxS
		RN105	D	B2(B2 <sub>2</sub> )	++	<i>udiAcrlfimHialpapC</i>	0	ND
		RN106	H	B2(B2 <sub>3</sub> )	++	ND	3	DoTeCIPNAC
		RN110	D	A1	+++	<i>udiAcrlfimHial</i>	0	DoTeCIPNAS
		RN111	H	A1	++	<i>udiAcrlfimHial</i>	0	AMPDoTeNAFoxGNC
		RN112	H	A1	++	<i>udiAcrlfimHial</i>	0	AMPTeFNAFoxGN
		RN113	D	B2(B2 <sub>2</sub> )	+++	<i>udiAcrlfimHialcjrc</i>	0	ND
		RN114	H	B2(B2 <sub>2</sub> )	+	ND	1	ND
		RN117*	D	B2(B2 <sub>3</sub> )	++	<i>udiAcrlfimHialcjrc</i>	2	AMPDoTeFNASATM
		RN118#	D	A1	+++	<i>udiAcrlfimHialcjrc</i>	0	AMPDoTeCIPNAIMPC
		RN122*	H	A1	+++	<i>udiAcrlfimH</i>	1	DoTeFC
		RN133	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialpapC</i>	0	AMPDoTePBCIPGNC
		RN135	H	B2(B2 <sub>3</sub> )	++	ND	0	ND
		RN138	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialcjrc</i>	0	AMPDoTeCIPFoxCAT M
		RN139	D	B2(B2 <sub>3</sub> )	++	<i>udiAcrlfimHialcjrc</i>	0	DoTeFGN
CS		RN99	H	B2(B2 <sub>3</sub> )	+	ND	3	ND
		RN100	D	B2(B2 <sub>2</sub> )	++	<i>udiAcrlfimHialpapC</i>	0	ND
		RN101*	D	D2	+++	<i>udiAcrlfimHialpapCcjrC</i>	1	ND
		RN102	D	D2	++	<i>udiAcrlfimHial</i>	0	ND
		RN119	H	A1	++	ND	0	AMPTeFS
W		RN123	H	A1	++	<i>udiAcrlfimHial</i>	0	ND
		RN128	D	A1	+++	<i>udiAcrlfimHial</i>	0	ND
		RN131	D	A1	+++	<i>udiAcrlfimHial</i>	0	ND

		RN132	D	A1	++	ND	0	AMPDoFIMPS
ES	RN83*	D	B2(B2 <sub>3</sub> )	++	<i>udiAcrlfimHial</i>	0	AMPDoTeFCIPFox	
	RN84	D	A1	+++	<i>udiAcrlfimHial</i>	0	AMPDoFCSATM	
	RN85	D	A1	+++	<i>udiAialpapC</i>	0	AMPDoTeFNAATM	
	RN86	D	A1	++	ND	0	AMPDoTePBCIPFoxGN	
	RN87	D	B2(B2 <sub>3</sub> )*	+++	<i>udiAcrlfimHial</i>	0	AMPTeC	
	RN88	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHial</i>	1	ND	
H	RN70	D	D2	++	<i>udiAcrlfimHialpapCcjrC</i>	1	ND	
	RN71*	D	D2	+++	<i>udiAcrlfimHialpapCcjrC</i>	2	AMPDoTeFCIPGNS	
	RN89#	D	A1	+++	<i>udiAcrlfimHial</i>	0	DoTeFCIP	
	RN90	D	B2(B2 <sub>3</sub> )	++	<i>udiAcrlfimHialpapCcjrC</i>	0	AMPFCIPFoxIMPCATM	
	RN95	D	B2(B2 <sub>3</sub> )	++	ND	3	ND	
	RN96*	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialpapCcjrC</i>	1	AMPTeCIPCS	
IO(L)	RN97*	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialpapC</i>	3	AMPDoTeCIPFox	
	RN126	D	D2	++	<i>udiAcrlfimHialpapC</i>	0	ND	
	RN98	D	B2(B2 <sub>3</sub> )	++	<i>udiAcrlfimHialpapC</i>	2	AMPDoTeFC	
Farm 6	DR	NR1*	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialcjrC</i>	1	AMPDoTeFNAC
		NR3	D	B2(B2 <sub>3</sub> )	+++	ND	0	ND
		NR4	D	B2(B2 <sub>3</sub> )	++	ND	0	ND
		NR6	D	D2	+++	<i>udiAcrlfimHialpapCcjrC</i>	0	ND
		NR9	D	B2(B2 <sub>3</sub> )	++	ND	1	AMPDoTeNAFoxS
		NR10#	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHialpapC</i>	2	AMPDoTeFPBCIPNAIMPCATM
CS	NR13	D	B2(B2 <sub>3</sub> )	+	ND	0	AMPDoTeNACS	
	NR14	D	A1	+++	<i>udiAcrlfimHial</i>	2	AMPDoTeFCIPNACS	
	NR15	D	A1	+	ND	3	ND	

		NR20	D	A1	++	<i>udiAcrlfimHial</i>	3	ND
F	NR28	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHial</i>	0	ND	
	NR34#	D	A1	+++	<i>udiAcrlfimHialcjrC</i>	0	TeFNAFoxCS	
IO(L)	NR35	D	B2(B2 <sub>3</sub> )	+++	<i>udiAcrlfimHial</i>	2	AMPDoTeFNAFoxIMP CS	
	NR45*	D	A1	+++	<i>udiAcrlfimHialcjrC</i>	1	AMPTeNAFoxSATM	
	NR46*	D	B2(B2 <sub>2</sub> )	++	<i>udiAcrlfimHialcjrC</i>	2	AMPDoTeNAFoxIMP GNATM	
	NR47	D	A1	++	<i>udiAcrlfimHial</i>	2	FCIPNACSATM	
	NR48*	D	D2	+++	<i>udiAcrlfimHialpapCcjrC</i>	1	DoTeFNACS	

DH- Dhamrai, RN- Rupganj, NR- Norshingdi, DR-Dropping, CS-Cloacal Samples, F- Feed, W-Feeding Water; H = Handler Swab; ES = Egg Surface Swab; IO(L) = Internal Organ(Liver); H=healthy, D=Diseases, BF-Biofilm Formation, CRA-Congo Red Assay, ND- Not Done; AMP = ampicillin; Te = Tetracycline; Do = doxycycline; F = nitrofurantoin; Pb = polymixin CIP=ciprofloxacin; NA=nalidixic acid; Fox=cefoxitin; IMP = imipenem;GN=gentamycin; C = chloramphenicol S3 = Sulfonamide; AZM = azithromycin; + = Positive; 0 = Not Done; 4=Not Biofilm Producer; 3 = Weak biofilm producer ; 2 = Moderate biofilm producer; 1 =Strong biofilm producer. \*-Plasmid Positive; # Plasmid Negative.

