

Table S1: Other virulence genes detected in human and porcine *E. coli* isolates

Virulence factors	Humans % (n=63)	Pigs % (n=106)	Total % (n = 169)
Adherence and colonization			
<i>capU</i>	4.76 (3)	0.94 (1)	2.37 (4)
<i>eilA</i>	12.70 (8)	1.89 (2)	5.92 (10)
<i>etpD</i>	1.59 (1)	0.00 (0)	0.59 (1)
<i>etsC</i>	6.35 (4)	2.83 (3)	4.14 (7)
<i>gad</i>	49.21 (31)	31.13 (33)	37.87 (64)
<i>hra</i>	14.29 (9)	26.42 (28)	21.89 (37)
<i>ibeA</i>	1.59 (1)	0.00 (0)	0.59 (1)
<i>iha</i>	42.86 (27)	0.00 (0)	15.98 (27)
<i>iss</i>	58.73 (37)	26.42 (28)	38.46 (65)
<i>irp2</i>	38.10 (24)	12.26 (13)	21.89 (37)
<i>katP</i>	1.59 (1)	5.66 (6)	4.14 (7)
<i>lpfA</i>	41.27 (26)	24.53 (26)	30.77 (52)
<i>ompT</i>	44.44 (28)	21.70 (23)	30.18 (51)
<i>papA_F9</i>	3.17 (2)	0.00 (0)	1.18 (2)
<i>papA_F11</i>	3.17 (2)	0.00 (0)	1.18 (2)
<i>papA_F19</i>	0.00 (0)	0.94 (1)	0.59 (1)
<i>papA_F20</i>	0.00 (0)	0.94 (1)	0.59 (1)
<i>papA_F43</i>	3.17 (2)	0.00 (0)	1.18 (2)
<i>papA_feiA_F8</i>	1.59 (1)	0.00 (0)	0.59 (1)
<i>papA_fsiA_F16</i>	3.17 (2)	0.00 (0)	1.18 (2)
F17 (f17A; f17G)	1.59 (1)	0.00 (0)	0.59 (1)
<i>papC</i>	9.52 (6)	11.32 (12)	10.65 (18)
<i>traT</i>	60.32 (38)	41.51 (44)	48.52 (82)
<i>tsh</i>	3.17 (2)	13.21 (14)	9.47 (16)
<i>usp</i>	6.35 (4)	0.00 (0)	2.37 (4)
<i>yfcV</i>	4.76 (3)	0.00 (0)	1.78 (3)
Colicins			
<i>cba</i>	0.00 (0)	7.55 (8)	4.73 (8)
<i>cea</i>	11.11 (7)	3.77 (4)	6.51 (11)
<i>celb</i>	6.35 (4)	7.55 (8)	7.10 (12)
<i>cia</i>	9.52 (6)	7.55 (8)	8.28 (14)
<i>cma</i>	3.17 (2)	12.26 (13)	8.88 (15)
Iron acquisition			
<i>chuA</i>	20.63 (13)	5.66 (6)	11.24 (19)
<i>fyuA</i>	39.68 (25)	12.26 (13)	22.49 (38)
<i>ireA</i>	19.05 (12)	0.94 (1)	7.69 (13)
<i>iroN</i>	9.52 (6)	0.94 (1)	4.14 (7)
<i>iucC</i>	41.27 (26)	0.94 (1)	15.98 (27)
<i>iutA</i>	9.52 (6)	0.94 (1)	4.14 (7)
<i>sitA</i>	36.51 (23)	5.66 (6)	17.16 (29)
Microcins			
<i>cvaB</i>	3.17 (2)	0.00 (0)	1.18 (2)
<i>mchB</i>	4.76 (3)	5.66 (6)	5.33 (9)
<i>mchC</i>	3.17 (2)	5.66 (6)	4.73 (8)
<i>mchF</i>	7.94 (5)	6.60 (7)	7.10 (12)
<i>mcmA</i>	0.00 (0)	5.66 (6)	3.55 (6)

Virulence factors		Humans % (n=63)	Pigs % (n =106)	Total % (n = 169)
Serine protease autotransporters (SPATE)				
	<i>espI</i>	9.52 (6)	0.00 (0)	3.55 (6)
	<i>espP</i>	4.76 (3)	0.00 (0)	1.78 (3)
	<i>sepA</i>	3.17 (2)	2.83 (3)	2.96 (5)
Toxins				
	<i>hlyF</i>	6.35 (4)	0.94 (1)	2.96 (5)
	<i>senB</i>	12.70 (8)	0.00 (0)	4.73 (8)
	<i>toxB</i>	0.00 (0)	1.89 (2)	1.18 (2)
	<i>vat</i>	3.17 (2)	0.00 (0)	1.18 (2)

Table S2: Sequence type complex composition with the different STs detected in human and porcine *E. coli* isolates

Sequence type (ST) complex	Sequence type (ST)	Humans % (n=63)	Pigs % (n =106)	Total % (n = 169)
ST 10 complex	10	19.05 (12)	24.53 (26)	22.49 (38)
	34	3.17 (2)	0.94 (1)	1.78 (3)
	48	0.00 (0)	1.89 (2)	1.18 (2)
	215	0.00 (0)	3.77 (4)	2.37 (4)
	218	3.17 (2)	0.94 (1)	1.78 (3)
	227	1.59 (1)	0.00 (0)	0.59 (1)
	2223	0.00 (0)	0.94 (1)	0.59 (1)
	3877	1.59 (1)	0.00 (0)	0.59 (1)
	4427	0.00 (0)	0.94 (1)	0.59 (1)
	10170	0.00 (0)	0.94 (1)	0.59 (1)
	11222	0.00 (0)	0.94 (1)	0.59 (1)
	12410	1.59 (1)	0.00 (0)	0.59 (1)
	12515	0.00 (0)	0.94 (1)	0.59 (1)
	12416	0.00 (0)	0.94 (1)	0.59 (1)
ST complex 86	453	3.17 (2)	0.94 (1)	1.78 (3)
	641	3.17 (2)	3.77 (4)	3.55 (6)
	877	0.00 (0)	1.89 (2)	1.18 (2)
ST complex 95	95	1.59 (1)	0.00 (0)	0.59 (1)
	12411	1.59 (1)	0.00 (0)	0.59 (1)
ST complex 165	165	0.00 (0)	0.94 (1)	0.59 (1)
	1114	0.00 (0)	3.77 (4)	2.37 (4)
	1178	0.00 (0)	0.94 (1)	0.59 (1)
	5455	0.00 (0)	0.94 (1)	0.59 (1)
ST complex 168	93	0.00 (0)	2.83 (3)	1.78 (3)
	484	1.59 (1)	0.00 (0)	0.59 (1)
ST complex 206	793	1.59 (1)	0.00 (0)	0.59 (1)
	4995	0.00 (0)	0.94 (1)	0.59 (1)
ST complex 278	336	1.59 (1)	0.00 (0)	0.59 (1)
	795	0.00 (0)	1.89 (2)	1.18 (2)
ST complex 467	480	0.00 (0)	0.94 (1)	0.59 (1)
	2325	0.00 (0)	1.89 (2)	1.18 (2)
Complex not assigned	-2332	0.00 (0)	0.94 (1)	0.59 (1)
	117	0.00 (0)	0.94 (1)	0.59 (1)
	154	0.00 (0)	4.72 (5)	2.96 (5)
	202	0.00 (0)	1.89 (2)	1.18 (2)
	216	3.17 (2)	0.00 (0)	1.18 (2)
	224	1.59 (1)	0.00 (0)	0.59 (1)
	362	1.59 (1)	0.00 (0)	0.59 (1)
	401	1.59 (1)	0.00 (0)	0.59 (1)
	452	1.59 (1)	0.00 (0)	0.59 (1)
	500	0.00 (0)	0.94 (1)	0.59 (1)
	542	0.00 (0)	9.43 (10)	5.92 (10)
	543	1.59 (1)	0.00 (0)	0.59 (1)
	678	1.59 (1)	0.00 (0)	0.59 (1)
	871	1.59 (1)	1.89 (2)	1.78 (3)

Sequence type (ST) complex	Sequence type (ST)	Humans % (n=63)	Pigs % (n =106)	Total % (n = 169)
Complex not assigned	1056	1.59 (1)	0.00 (0)	0.59 (1)
	1081	0.00 (0)	2.83 (3)	1.78 (3)
	1112	1.59 (1)	0.94 (1)	1.18 (2)
	1146	1.59 (1)	0.00 (0)	0.59 (1)
	1571	1.59 (1)	0.00 (0)	0.59 (1)
	1716	0.00 (0)	0.94 (1)	0.59 (1)
	2144	3.17 (2)	0.00 (0)	1.18 (2)
	2522	1.59 (1)	0.00 (0)	0.59 (1)
	3947	1.59 (1)	0.94 (1)	1.18 (2)
	4214	0.00 (0)	2.83 (3)	1.78 (3)
	5308	1.59 (1)	0.00 (0)	0.59 (1)
	5617	1.59 (1)	0.00 (0)	0.59 (1)
	5951	0.00 (0)	0.94 (1)	0.59 (1)
	7651	0.00 (0)	0.94 (1)	0.59 (1)
	9063	1.59 (1)	0.00 (0)	0.59 (1)
	9628	0.00 (0)	0.94 (1)	0.59 (1)
	10907	1.59 (1)	0.00 (0)	0.59 (1)
	12412	1.59 (1)	0.00 (0)	0.59 (1)
	12413	0.00 (0)	0.94 (1)	0.59 (1)
	12414	0.00 (0)	0.94 (1)	0.59 (1)