

Immunological Pathogenesis of Bovine *E. coli* Infection in a Model of *C. elegans*

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Primers used for synthesis immunity genes of *C. elegans*

Table S2 (A, B) summarized primers in this study to clone immune genes which was studied. All listed primers have been tested previously.

Table S2 (A) Primers for immune gene cloning

Gene name	Primer sequence (5'-3')	Target fragment /bp
Act-1	F:CCCCACTCAATCCAAAGGCT	121
	R:GTACGTCCGGAAGCGTAGAG	
Dbl-1	F:TTTTGCGGCGAACAATCGT	194
	R:TTCGCTGTTGCCTGTTTGTG	
Tir-1	F:TTGGGTGCACAAAGAGCTGA	223
	R:GGTCGGTGTCTGTTCTGTTCA	
Nsy-1	F:AGCGGCTCGATCAACAAGAA	122
	R:CCCATTCCACCGATATGCGA	
Sek-1	F:CACTGTTTGGCGACGATGAG	158
	R:ATTCCGTCCACGTTGCTGAT	
Pmk-1	F:CCAAAAATGACTCGCCGTGA	115
	R:CTTTTGCAGTTGGACGACGA	
Skn-1	F:CTGGCATCCTCTACCACCAC	153
	R:TTGGTGATGATGGCCGTGTT	
Daf-16	F:TCGTCTCGTGTTTCTCCAGC	181
	R:TAATCGGCTTCGACTCCTGC	

Table S2 (B) Primers for immune gene cloning

Gene name	Primer sequence (5'-3')	Target fragment /bp
Age-1	F:CTCCTGAACCGACTGCCAAT	359
	R:AAATGCGAGTTCGGAGAGCA	
Lys-7	F:GTACAGCGGTGGAGTCACTG	153
	R:GCCTTGAGCACATTTCCAGC	
Clec-60	F:CGGTTTCAATGCGGTATGGC	219
	R:TGAAGCTGTGGTTGAGGCAT	
Clec-85	F:CCAATGGGATGACGGAACCA	121
	R:CTTCTGTCCAGCCAACGTCT	
Abf-3	F:AACAGATTGGGGTCAGCTCG	189
	R:TGGAGACCATTATTGCCGGG	
Abf-2	F:CCGTTCCCTTTTCCTTGAC	176
	R:GACGACCGCTTCGTTTCTTG	
Spp-1	F:TGGACTATGCTGTTGCCGTT	106
	R:ACGCCTTGTCTGGAGAATCC	