

SUPPLEMENTAL DATA**The secreted effector protein EspZ is essential for virulence of rabbit
enteropathogenic *Escherichia coli***

John Scott Wilbur^{1§}, Wyatt Byrd^{§5}, Shylaja Ramamurthy¹, Hannah Ledvina¹, Khaldoon
Khirfan⁵, Michael Riggs¹, Edgar Boedeker⁵, Gayatri Vedantam^{1,2,3,4} and V.K.
Viswanathan^{1,2,3*}

¹School of Animal & Comparative Biomedical Sciences, ²Department of Immunobiology,
³The Bio5 Institute for Collaborative Research, University of Arizona, Tucson, AZ, and
⁴Southern Arizona VA Healthcare System, Tucson, AZ. ⁵Division of Gastroenterology,
University of New Mexico, and the Albuquerque VA Medical Center, Albuquerque, New
Mexico, USA

15 **Supplemental Table 1. Clinical Observation Scoring**

<u>Parameter</u>	<u>Description</u>	<u>Score</u>
1. Appearance and Behavior	Normal (alert, facing out, olfaction)	0
	Minor changes (hypoactivity/restlessness)	1
	Lack of grooming, eye/nasal discharge	2
	Hunched back, depressed, ataxia	3
	Moribund, eyes half closed, pale mucous membranes	4
2. Provoked Behavior	Normal	0
	Mild depression to aggression	1
	Moderate depression or aggression; weak, less responsive to stimulus; exaggerated respiration	2
	Unable to respond to mild stimulus	3
3. Gastrointestinal (GI)	Normal (normal stool, appetite and drinking)	0
	Mild (soft or scant stool)	1
	Mild to Moderate (diarrhea, no blood; fecal-stained fur; decreased appetite and/or drinking)	2
	Moderate (diarrhea with blood; decreased appetite or drinking; gaunt flank)	3
	Severe (diarrhea with blood; not eating or drinking; shocky with pale mucous membranes; or boarded abdomen; or tenesmus (rectal prolapse))	4
4. Body Weight (BW)	Normal	0
	≥ 5% BW Loss	1
	≥ 10% BW Loss	2
	≥ 15% BW Loss	3
	≥ 20% BW loss	4
Total Score	0-18 (> 11 total, high score within any group or level 3 for both BW & GI - requires early end-point euthanasia)	18