

598 **APPENDIXES:**599 **A-1: Resistance and intermediate resistance profiles of *V. vulnificus* isolates**

Isolates No	Resistance Profile	Intermediate Profile	VcgC
VV 1 D0	Aug2-Amp-Fot-Fox-Taz-Axo-Cep-Chl-Dox-Imi-Tet	Fep-Mero	
VV 2 D0	Aug2-Fox-Cep-Dox-Tet	Chl	
VV 3 D0	Fox-Cep-Dox-Tet	Chl	
VV 4 D0	Fep-Fot-Taz-Axo-Cep-Sxt	Amp-Fox	
VV 5 D0	Fot-Fox-Cep-Tet	Chl	
VV 6 D0	Cep	Fox	
VV 8 S1	Cep-Tet	Fox	
VV 9 S1	Cep	Fox	
VV 10 S1	Fox	Taz, Cep	
VV 11 S1	Cep	-----	
VV 12 S1	Amp-Cep-Imi	Aug2-Fox-Tet	
VV 13 S1	Amp-Cep-Imi	Aug2-Fox-Dox	
VV 14 S2	Aug2-Cep	-----	
VV 15 S2	Cep	2-Aug	
VV 16 S2	Aug2-Cep	-----	
VV 20 S2	Cep	Fox	
VV 21 S2	Aug2-Amp-Cep-Imi	Fox-Dox	
VV 22 S2	Cep	Fox	
VV 23 S1	Taz-Axo-Cep	Chl-Tet	
VV 24 S1	Axo-Cep	Aug2-Fep-Fox-Dox-Mero-Tet	
VV 25 S1	Cep	Fox	
VV 26 S1	Fox-Taz-Axo-Cep	-----	
VV 27 S1	Fot-Fox-Taz-Axo-Cep	-----	
VV 28 S1	Cep	-----	Positive
VV 29 D0	Fox-cep	Axo	
VV 30 D0	Cep	Fep-Fot-Mero	
VV 33 D0	Imi	-----	
VV 34 S1	Cep	Fox-Axo	
VV 35 S1	Cep	-----	
VV 36 S1	Taz-Axo	-----	
VV 37 S1	-----	Fox	
VV 40 S1	-----	Taz	Positive
VV 41 S2	Aug2-Amp-Cep-Dox-Tet	Fox	
VV 42 S2	-----	Fox	
VV 44 S1	-----	Ami-Fox	
VV 46 S1	Aug2-Amp-Cep-Dox-Tet	A/S2-Fox-Taz-Imi	
VV 47 S1	Aug2-Amp-Cep-Dox-Tet	Imi	Positive
VV 48 S2	Aug2-Amp-Cep-Dox-Tet	Imi-P/T4	Positive

VV 49 S2	Aug2-Amp-Taz-Cep-Dox-Imi	Fox-Chl-Tet	
VV 50 S2	Cep-Dox-Tet	Aug2-Fox-Imi	
VV 51 S1	Amp-Cep-Dox	Imi	
VV 52 S1	-----	Ami	
VV 53 S1	-----	Ami-Fox	
VV 54 S1	-----	Ami	
VV 55 S1	Aug2-Amp-Cep-Tet	Taz-Axo-Dox	
VV 56 S1	Tet	Taz-Axo-Chl	
VV 57 S1	Fox	-----	
VV 58 S1	-----	Fox-Taz	
VV 59 S1	-----	Ami-Fox	
VV 62 S2	Aug2-Amp-Cep-Dox-Imi-Tet	A/S2-Fox	Positive
VV 63 S2	Aug2-Amp-A/S2-Cep-Dox-Imi-Tet	Fox	Positive
VV 64 S2	Aug2-Amp-A/S2-Cep-Imi-Tet	Fox	Positive

D0: Harvesting day

600 S1: Moderate salinity site

601 S2: High salinity site

602 VV: *V. vulnificus*

603 *vcgC*: virulence correlating gene type C,

604 (AMI) Amicacin, (AUG2) Amoxicillin/ Clavulactic acid, (AMP) Ampicillin, (A/S2)

605 Ampicillin/Sulbactam, (FEP) Cefepime, (FOT) Cefotaxime, (FOX) Cefoxitin, (TAZ)

606 Ceftazidimide, (AXO) Ceftriaxone, (CEP) Cephalothin, (CHL) Chloramphenicol, (DOX)

607 Doxycycline, (IMI) Imipenem, (MERO) Meropenem, (PIP) Piperacillin, (TET) Tetracycline,

608 (P/T4) Piperacillin/Tazobactam

609

610 **A-2: Resistance and intermediate resistance profiles of *V. parahaemolyticus* isolates**

<b>Sample No</b>	<b>Resistance profile</b>	<b>Intermediate resistance profile</b>	<b>tdh/trh</b>
VP 1 D0	-----	Cep	
VP 2 D0	-----	Cep	
VP 3 D0	-----	Cep	
VP 4 D0	-----	Cep	
VP 5 D0	-----	Cep	
VP 9 S1	-----	Cep	
VP 10 S1	-----	Cep	
VP 11 S1	-----	Cep	
VP 13 S1	-----	Cep	
VP 15 S1	-----	Cep	
VP 16 S1	-----	Imi	
VP 17 S1	-----	Imi	
VP 18 S1	-----	Dox	
VP 20 S2	-----	Fox-Cep	
VP 21 S2	-----	Fox-Cep	
VP 22 S2	-----	Fox-Cep	
VP 23 S2	-----	Cep	
VP 24 S2	-----	Cep	
VP 25 S2	-----	Fox-Cep	
VP 28 S1	-----	Cep	
VP 30 S1	-----	Cep	
VP 31 S1	-----	Fox-Cep	
VP 33 S1	-----	Cep	
VP 35 S1	-----	Cep-Imi	
VP 36 S2	Cep	-----	
VP 37 S2	-----	Fox	
VP 39 S2	Fox	Cep	
VP 41 S2	-----	Fox-Axo-Cep	
VP 42 S2	Fot	-----	
VP 43 S2	-----	Fox	
VP 44 S1	-----	Fox-Cep	
VP 45 S1	-----	Fox	
VP 46 S1	-----	Fox-Cep	
VP 49 S1	-----	Fox-Axo	
VP 54 S2	-----	Cep	
VP 55 S2	-----	Chl	
VP 58 S2	-----	Fox	

VP 60 D0	Fox-Taz-Axo-Cep	Fep	
VP 62 D0	-----	Fox-Cep	
VP 64 D0	-----	Fox-Cep	
VP 65 D0	Amp-Fox-Taz	Cep	
VP 66 D0	Fox-Taz-Axo-Cep	Ami-Fep	
VP 67 D0	Taz	-----	
VP 68 S1	-----	Fox-Axo	
VP 69 S1	-----	Fox-Taz-Cep	
VP 70 S1	Axo	Fox-Cep	
VP 71 S1	Fot-Fox-Taz-Cep	-----	
VP 72 S2	-----	Fox-Taz-Cep	
VP 73 S2	Axo	Fox-Cep	
VP 74 S2	Fot-Fox-Taz-Cep	-----	
VP 75 S2	Fox	Amp-Fep	
VP 76 S2	Fep-Fox-Taz-Cep	Mero	
VP 77 S2	Ami-Fox-Taz-Cep	-----	
VP 78 S2	-----	Cep	
VP 79 S2	Aug2-Fox	-----	
VP 80 S1	Cep-Dox-Tet	Amp	
VP 81 S1	-----	Cep	
VP 82 S1	Fox-Axo	Ami-Taz-Cep-Mero	
VP 83 S1	Fox	Axo	
VP 84 S1	-----	Fox-Cep	
VP 85 S2	-----	Amp-Fep-Cep	
VP 86 S2	-----	Amp-Fox-Cep	
VP 87 S2	Amp	Fox-Cep-Pip	
VP 88 S2	Cep	-----	
VP 89 S2	Cep	-----	
VP 90 S1	-----	Cep	tdh+
VP 91 S2	Pip	Ami-Amp-Taz-Cep	trh+
VP 92 S1	Amp	Ami-Cep	trh+
VP 93 D0	-----	Cep	tdh+

611 D0: Harvesting day

612 S1: Moderate salinity site

613 S2: High salinity site

614 VP: *V. parahaemolyticus*

615 *tdh*: Thermo stable direct hemolysin,

616 *trh*: TDH-related hemolysin

617 (AMI) Amicacin, (AUG2) Amoxicillin/ Clavulactic acid, (AMP) Ampicillin, (FEP) Cefepime,  
618 (FOT) Cefotaxime, (FOX) Cefoxitin, (TAZ) Ceftazidimide, (AXO) Ceftriaxone, (CEP)  
619 Cephalothin, (CHL) Chloramphenicol, (MERO) Meropenem, (PIP) Piperacillin  
620