

## Supplementary material

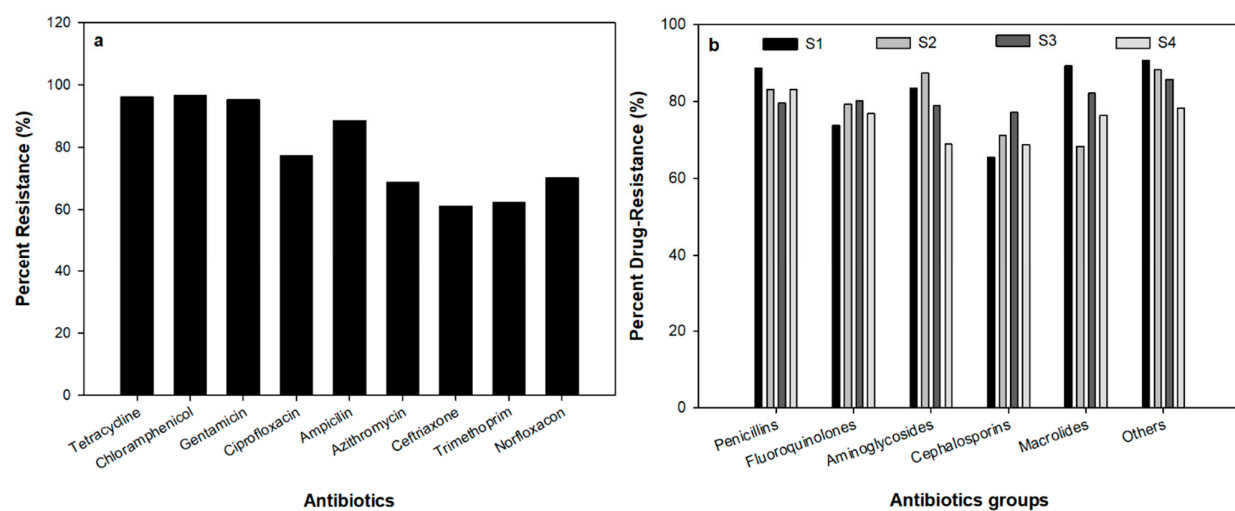
**Table S1** Phytochemistry analysis of mango kernel ethanol extract

<b>Biomolecules</b>	<b>Test</b>	<b>Result</b>	<b>Inference</b>
Phenols	FeCl <sub>2</sub>	Bluish black colour	+
Saponins	Foam test	Foam persist for 15 min	-
Alkaloids	Mayer's test	White ppt	+
Flavonoids	Alkaline reagent	Yellow colour	+
Tannins	Ferric chloride	Green or violet ppt	+

**Table S2** MIC of MK-AgNPs MDR *Shigella* isolates

Resistant <i>Shigella</i> isolates	Concentrations of MK-AgNPs (µg /mL)										
	0 (control)	10	20	30	40	50	60	70	80	90	100
S1	+	+	-	-	-	-	-	-	-	-	-
S2	+	-	-	-	-	-	-	-	-	-	-
S3	+	-	-	-	-	-	-	-	-	-	-
S4	+	+	-	-	-	-	-	-	-	-	-

+ indicates bacterial growth   - indicates no growth.



**Figure S1** (a) and (b) Resistant profile clinical *Shigella* isolates